A Complete Bibliography of *IEEE/ACM Transactions on Networking*

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28 October 2016
Version 1.60

Title word cross-reference

+ [CDRV11]. 1 [WNV13]. $1 + N$ [Kam10]. $10/7 + \epsilon$ [SZ07]. 2 [CPGZ15, JYT+15, KKL03]. 3 [HR14, JYT+15, KG05, LS93b, LZL+14, WJYL16, YJZW15]. 4 [DM15, YJ15]. = [CDRV11]. $[w, f]$ [NWP09]. ^{2} [GAA08]. α [KDYV12]. d [LQ13]. f [JPH08]. K [HS16, KWS+11, OGLK14, YBX+10, ZH08a, ZL16]. $k <= 6$ [YBX+10]. L^2 [CHML15]. $\log_2 N$ [ZGS10]. μ [DGLM16]. N [CN08, OdG96, SL95]. $N \times N$ [NMC07]. $O(1)$ [Guo04]. $O(\log W)$ [LS07]. p [EM09, Kam10, MJ13, SJ12, WYH10]. $R \times W$ [AF99]. θ [XK06b].

-based [WBP+11]. **-cast** [JPH08]. **-connectivity** [YBX+10, ZH08a]. **-coverage** [XK06b]. **-cycle** [WYH10]. **-cycles** [EM09, Kam10, MJ13]. **-D** [JYT+15, JYT+15, LZL+14, WJYL16, YJZW15]. **-D/** [JYT+15]. **-dense** [OGLK14]. **-dimensional** [LQ13]. **-distributors** [NWP09]. **-diverse** [SYR05]. **-hop** [WNV13, ZL16, HS16]. **-hub** [CN08]. **-NET** [DGLM16]. **-optimal** [KDYV12]. **-priority** [LS93b]. **-route** [KKL03]. **-sink** [KWS+11]. **-Source** [HR14]. **-structures** [SJ12]. **-Terminal** [HR14].

/0 [DKC+15].

1 [HBH93, JID+07, NBTD07]. **100** [BLC12]. **100-Gb** [BLC12]. **100-Gb/s** [BLC12].

40 [HM06]. **48** [BKH+93]. **4G** [LGC16, YZBR14].

50 [PCB+98]. **50-Gb** [PCB+98]. **50-Gb/s** [PCB+98].

60 [SMM11]. **60-GHz** [SMM11].

802.11 [BOGS+16, HKV+13, HDM13, JS12, LLY+16, TS08]. **802.11-based** [LLM11b]. **802.11-scheduled** [JP09]. **802.11a** [QCS07]. **802.11a/h** [QCS07]. **802.11e** [BCGM07, TB10, RKA08]. **802.11ec** [MGK14]. **802.11n** [APB+13, PLL13]. **802.12** [Kim98]. **802.16** [CAL09].

92 [HBS96].

A-MAC [VA07]. **A2** [Kri14]. **AAL** [Kam96]. **ABC** [ST13]. **ABD** [TKZ94]. **Abnormally** [SKG12]. **ABR** [BFMF01, GM00, KJF+00, KR99, SDW00, ZSSK02]. **absolute** [VRK09, WXBZ04]. **abstract** [CDO97]. **abstraction** [NLB15, RCGS09, RM08]. **abstractions** [RD11a]. **Abstracts** [Tow06a]. **accelerated** [WZL+13]. **Accelerating** [BBK12]. **accepted** [CTG00]. **Access** [CH93, LK16b, NST+16, URZ+14, AD14, ALMR14, BCP00, BCL12, BB06, BS97, BD97, BP96, CZ12, Cha10, CL09a, CLD10, CG04, CFZ97, CPR99, CEFS99, CR98, DLT16, DHSS14, FTZ+13, GS13, GRB09, HA16, HSM+13, IW08, IZC00, JCJ95, JS09, JL12b, KS10, KH15, KYY+12, KT07, KAZ01, KS12, LC97, LBB08, LA95c, LK13, LKZ+04, LE06, MHRR12, MLS12, MH97, MW06, MAS09, PT96, PV10, PPV12, PWK+13, RB02, SMGP15, SYDM09, SCN12, SC09, SL14, SK12b, SMM11, SKUB12, SS03, SL07b, SAS+16c, Tha04, TS08, TH97, VA06, VA07, WBEGS05, WZL+13, XHN04, YKZ+13, YJ15, YHE04, YM05, ZSK12, ZLSK15, dAF04]. **accessed** [CDI+04]. **accessibility** [ABA+16]. **accessing** [LO02a]. **account** [SL15c]. **account-aided** [SL15c]. **Accumulation** [XHK+05]. **Accumulation-based** [XHK+05]. **accuracy** [AD96, BM09]. **Accurate** [DYW+16, GS97, HQY+16, KS09a, KZ97, SL15a, TZZ+14, XXBC14]. **achievable** [JP09, KN05, SGR13]. **achieve** [CCG00, Kok10, XCR11, XCR15]. **achieves** [HMNK13]. **Achieving** [AZ03, BFF07, BM08, EW08, HLX+15, HL15, JGS+15, JZC11, KLO97, SGD05, ZZHZ13, JGLS14, LLL06, MS03, NTS12, SS03, XME15, ZS05]. **acknowledgment** [SR02]. **acknowledgments** [KWH11]. **ACORN** [APB+13]. **acoustic** [ZPCS11]. **across** [BCMR04, EST93, SW04, ZNZT16]. **action** [LHK+12]. **activation** [AABD13, KKJ06, KBS11]. **active** [BCP00, EVF06, cFSKS02, HXLZ11, HGG06, KS04, LBS05a, LAJS07, SBDR08, ZAS12]. **activity** [CAO11, Tre11]. **actor** [GAA08]. **actuator** [RKNS10]. **Acyclic** [HR14, CER12, RGKS10]. **Ad** [HL99, QJZ+16, RZS14, WCC14, AHK08, AS07a, AS07b, BCGC15, BCB99, BNJR12, BNJ16, CE09, CZF+16, CFM13, CW10, CMGL11, DLL+11, DBT05, EFK07, FMD13, GMP08, GGL09b, GGL09a, GGH11, GT02, GMYP16, HHL06, HS06a, JS11, KK07, KDHK15, KWZ08, LH07, LPKF10, LMP08, LZF09, Li09, LLLT10, LPF12, LLNC09, LSMS06, LR09, LCL+12b, LNL+16, LKZ+04, MQ05, NL07, PS05, RM08, RSR10, RKNS10, SLP07, SPH04, SRR08, SMS07, SSHK11, SS10, SL12, SS07, UN11, WCY04, WTS+13, YD07, YLL10, ZSFZ11, ZW10, vRWZ09]. **ad-hoc** [LSMS06, SS07]. **ADAM** [AKS+13]. **Adaptation** [TL16, CK10a, FSM14, GM03, KVR02, LRG10, PA12, PD16, PLL13, SMGP15, fTL06, WZR08, WH11]. **Adapting** [MGCK15, LyT98, VG04]. **Adaptive** [BOY00, BNJR12, CqLL98, FK99, JSZ14, KL08, KVF+12, LCM04, LLY01, LK16b, Mil98, MA98, NZTD02, PILR05, RR93, TL16, WCC14, YL97, AK00, Ada98, AJDH01, AAM05, AB05, AKS+13,

ABJ+13, BCP13, BCMR04, BL94, CN10a, CDFG06, CLA07, CGK10, DM14, DRR98, EL11, EF08, FGM+13, HCL09, KMT05, KMR95, KT06, KAZ01, KS04, LL09, LSV01, LZZR12, LCL+12b, LS03b, ML06, NL99, PYL99, RD11b, SKY10, SPH04, SM05, ST13, SV11, VAS00, VA07, WS06, WD05, YSZL15, YHE04, YZBR14, ZLC12]. **adaptive-rate** [LS03b]. **adaptively** [GL93]. **additive** [GR12, RS07, VR13, XSZ+07]. **address** [CGW+12, EFK07, GIL+15, KIR06, MPL09, RW07, SMP+14]. **address-light** [KIR06]. **addressable** [LMT16, SG96]. **addresses** [KLPS06]. **addressing** [AQJRS16, FMD13, LK95]. **Adjacent** [BTH11]. **adjusting** [SAS+16b]. **admission** [ASCG08, AZR97, BLCT97, CCL99, CNP13, DM96, EF08, EM93, FKT98, FMT03, GKPS06, GT99, GT03, JDSZ97, LLD96, LAN97, LWF96, MH02, ML12, NKS08, PDSK04, QK01, RV01, SR01, WD05, WWL02, XSC01]. **ADMs** [SZ07]. **adoption** [JWSH15, SJGH10]. **advance** [CV12, CFS09, CFS11, LW13, TCPV13]. **advanced** [IK07]. **adversarial** [LJA14]. **adversary** [ZAS12]. **advertisement** [LZL12]. **advertisements** [KLMW11]. **AEGIS** [ZWTC16, LTS10]. **affected** [BCP13]. **affinity** [SKT96]. **affinity-based** [SKT96]. **after** [SZM08]. **against** [ANSX13, AC09, BKLS08, FTV+10, GJVZ06, KRLL11, LWL+11, LLY+12, OF11, WZR08, WJS07, YLLY05, YKGF08, YGKX10]. **age** [YWLL09]. **age-based** [YWLL09]. **agents** [HBS96, La16, LMG04]. **aggregate** [DJM97, LMS04b, QK01, SG13, TMH11, XG05]. **aggregate-level** [LMS04b]. **aggregated** [KL03, LRJ08]. **aggregates** [JS06, RBGK03, SS05]. **Aggregation** [LNM+09, AS01, Cob02, FK03, HCL09, HY08, JS14, LNC04, OÇ10, PT10, TX08, TMP07, WMYR16, XLR13, XLWT12, YAA09]. **aggressive** [EW08]. **Agile** [TL16, LCG+14]. **agility** [VVP+13]. **Aging** [JYC+16]. **agreement** [LLY06]. **agreements** [LGGZ10, SYR05]. **ahead** [GSW99]. **aided** [SL15c, SLL15]. **air** [KRH+08]. **airborne** [MHRR12]. **AirSync** [BRM+13]. **airtime** [CSN06]. **Akamai** [SCKB09]. **alarming** [BGK+16]. **ALBA** [VHNPM96]. **alerts** [VG08]. **Algebra** [CBSK07, Sob02]. **Algebra-based** [CBSK07]. **Algebraic** [DMC06, KM03, Sob05]. **Algorithm** [CMP+14, KLE16, AA93, AEB02, ASCG08, AAV09, AOM04, BTC01, BS08, BSS11b, CHCH00, CLK01, CLW95, CAL09, CK09, DRR98, EAB01, EAB02, GW94, GLAM97, GVC97, GL10, HL05, HLW13, IPG97, JDSZ97, JMS08, Jia98, JW10, JYT+15, JLS09, KJF+00, Kar03, KD00, KG05, Kri14, KLNS93, KS04, LCY96, LLLS07, LGC16, LS06b, Lev95, LAN97, LHB+05, LCW+15, LDGL13, LW13, LL99, MBA06, MOY00, McK99, MMC05, Mil98, Mne08, NST01, NM06, PZGLA98, PHL15, Pil01, RMM99, RS00, RW96, ST09, SSHK11, SNS12, SZN00, SC10, WC08, XGF+14, YSL+14, YSTL11, ZA95, ZFC13]. **Algorithmic** [vRWZ09, BCN02, KWZ08, Tha01]. **algorithmically** [YRRR12]. **Algorithms** [BBO+05, CJV16, DMMS14, GHW14, KRSY02, LT16, LTP10, SG05, VLM16, XL99, AA99, AS08, AZ11, AC06, ARS16, BBG11, BCP00, BO07a, BB94, BV96, BCN02, BZ97, BRS10, BSYS12, Bor05, BLB10, BGPS06, BLS07, CN10a, CRB09, CBSK07, CLSC15, CRB12, CKV11, CL08, CGGS97, CFS09, CK10b, CBLVW06, CYL16, ES96, EOSM10, EVF06, cFSKS02, GS13, GV97, GO99, GLS09, HIM07, HL15, JAS10, JW11, JGMB03, KWCR10, KA98, LCM04, LL09, LDFK12, LMR07, LH05, LWCY12, LNA07, LR09, LÜ14, Low03, MBL10, MSA+16, MPL09, MR02, Mil95, ME96, Mod99, MMS01, MJ15, MLC07, NSS96, NST00, NTS12, PM96, PPSV13, QZZ+13, RRG10, RL93, RVR93, RB09a, SK12a, SFAS05,

Sob02, STC12, SIYL09, SV98a, SV98b, SV98c, SS05, SR14, TCS13, VK04, VAGT13]. **algorithms** [VL10, VAS00, Voi07, WPL06, WJLH06, XY10a, XL05, XCX+06, XZTT08, Yua02, ZXTT08, ZCW15, ZL16, ZS05]. **alias** [KHLC13]. **aliases** [GS09]. **All-optical** [SAS96, ARK09, BTH11, CV12, CL05, MBLN93, MA98, PG95, Pan99, RSM09, RS95a, SMG05a, SS04a, TWHR11, THBR14, WQC06, WS05, XL99]. **all-to-all** [LS06c, PEA09, ZQ99]. **allocating** [XL99]. **Allocation** [DRQ+16, AS08, AK15, ACKZ14, BLV10, BF01, BGK97, BI00, BS08, BLEM+12, CDFG06, CRL96, CSSJ14, CJJ09, CLK01, CLA07, CL13, CAL09, CLL+14, CF98, CR14, CG15a, DS04, DGK05, ES07, FGK10, FP14, FMT03, GSKR99, GM00, GLLJ16, HZC07, HSS08, HG14, JS11, JWSLC13, JJSS04, JBR16, KKEE13, KS10, KK00, KMHS09, LOP97, LM95, LMS05a, LMS06, LNB01, LMG04, LCH95, LSZW13, LLE15a, LTS05, LPCVC13, MBL10, MCS99, MPF+15, NDGL06, NM09, NMR03, PLD16, STKL01, ST09, SSAK12, Smi02, SK97, TNRP11, VGP14, Wan04, WSW12, Wil96, WM95, XL11a, YMR00, YJ15, YZBR14, YJH05, ZB95, ZS05]. **allocations** [Low00, SSZ03]. **ALOHA** [CL16b, LH95, WZL+13, IZC00, LZC09, MMR09]. **alone** [GV06]. **alphabet** [CFS06]. **Alternate** [Zap04, RM02]. **Alternative** [OdG97, WF93b, CT96, MM13, SD00]. **Always** [RGKS10]. **among** [LZXF14]. **amortization** [MSWL06]. **amount** [SSZ05]. **amplifier** [RIM98]. **Amplify** [IK09, BJ15]. **Amplify-and-forward** [IK09, BJ15]. **Analog** [WM16]. **analyses** [NPQ06, PYL99]. **Analysis** [AVPG14, BL15, BFG+14, CSC94, CB11, CG04, CRS99, DM03, DSA+14, DKC+15, IM03, KV98, KS09b, LTZ08, LY10, LXC05, Mar04, NSP+16, NMH99, PB93, RMPG16, RS04, RW93, RSB01, RZVZ06, RLZ10, RA95, RW95, Rum93, SQ16, TYP+15, VLM16, WCY00, ZFW14, AZLB16, AS07a, AS07b, ALMR14, AOM04, BBM93, BO00, BLPS10, BC01a, Bar95, BCL12, BBMELH08, BT93, BLB10, BH06, BD96, BL94, CFPP96, CJ14, CH04, CC95, CRL96, CLM99, CMM95, CZFF98, CK10b, DT15, DLH+14, ENW96, FTV+10, Fan05, FGK10, FHT+10, GMP13, GYB+04, GSKR99, GP94, GXWW11, GMWD13, GMD15, GS10b, GS11, HS03, HGE04, HSE97, Hon94, HBH93, ITSO01, IW08, IK09, ILS97, JS12, JRL15, KVR98, KHG+14, KqL99, KS01a, KK03a, KH15, Kop96, KqL98, Kum98, KAMG07, KSM05, KT08]. **analysis** [LS93a, LBRA05, LSV01, LBB08, LS93c, LA95b, LYS93, qLH93b, qLH93a, LD95, qLlH97, LK05, LZ09, LW13, LM96, LRL07, LRL08, LJ09, LT94a, LR03, LCW05, LMP96, LT94b, MBA06, MMR09, MCR10, MH02, Mar96, MBC+94, McM95, MDMM09, MP94, Nee09, NL07, NR13, PG94b, PWHL16, PJ13, PS98, QCS07, QY12, RP06, RKA08, RG98, RRB06, RW96, SLC+07, SL94, She95, SM00, SMM11, SMSM06, SMP+14, STC12, SV98b, Świ96, TMMS01, Tia05, TdWC+94, VR13, VC14, VA09, WL07, WSKV08, WHW+11, WVG12, WJZ+12, WDCL15, WTSW97, WY95, WS08, WLR10, XHN04, Xin07, XWG14, YRRR12, YBG+12, ZS03, ZS04, ZNN+10, ZKL11, ZHLL06, ZFC15, DKL01]. **Analytic** [SKV03, AdE07, ES03, KL09, PMW10, Pax94]. **Analytical** [BP96, TCPV13, AA04, CDPLCA16, Fan05, KEAAH08, LS97c, LMS04b, LC94b, ZY07a]. **Analyzing** [BCR+12, CKR+09, PT94, SW04, CS98, ZLC12]. **anchor** [HA96]. **angles** [PLR15]. **anisotropic** [LL10]. **anomalies** [KR08]. **Anomalous** [VSR11, LBP+16]. **Anomaly** [BDWS12, MG16, PS09, TMH11, XY09a]. **Anonymity** [MV16]. **anonymization** [RW07]. **Anonymous** [LMP96, MYYR13, VT12]. **Answering**

[TBV+13]. **antenna** [PLR15, STKL01]. **antennas** [KAZ01, LTS10, LZF09, SS07, ZJS+12]. **anti** [PBKG11]. **anti-jamming** [PBKG11]. **Any** [TG96, GO02, YASS15]. **anycast** [KLSS10, KLS11a, LMP08]. **anycasting** [ZAFB00]. **anypath** [DFGV11, LDFK12]. **AP** [KLC15, LWC+14]. **Application** [PCW+16, SKZ03, WPL06, WLLZ16, ZAFB00, BL15, BLCT97, BLS07, DM03, DW11, FJL+97, GP96b, KL95, KLT15, LWL+11, MH02, RPGE04, RSU+09, RW95, dSeSGM95, Tre11, WEK97, XY09b, YW07, ZNK+13]. **application-aware** [YW07]. **Application-layer** [ZAFB00, BL15, BLS07, LWL+11, XY09b]. **Application-level** [WLLZ16, RPGE04]. **Application-oriented** [WPL06, GP96b]. **application-specific** [WEK97]. **Applications** [DGLM16, KL12, AAM05, ACC+94, AS02, BRISCSP11, BMS14a, BH06, CBSK07, CJH+11, CZZY12, CPS+12, CH15, CDS02, DFMR15, FHT+10, GCZ98, HS06a, HLSG04, HL05, Jia98, JYT+15, KCCM16, LL95, LZ06, MR96, NSW11, PGV16, RL07, RHMF16, SZG+13, SMLN+03, TLS+12, WXBZ04, WS06, WMS09, Wu94, WWL+15, YL97, YKR11, ZT12, ZPCS11]. **applied** [BBM93, HBH93]. **Applying** [SP94]. **Approach** [BFG+14, GYSPR14, WN16, AP93b, AS94, AK01, AA96, AF99, AdE07, BLV10, BGSSW13, BO07b, BCN02, BYH+15, BLEM+12, CSMW02, CGM04, CM03, CZFF98, CS98, Coh94, CK07, CN09, DLT16, DMC06, DJM97, ES03, Fan05, GLAMM11, GG94, GSA15, GT03, GLLJ16, HD07, HKV+13, HBU95, HL15, JLM15, KL13, KKS+08, KLS03, KM03, KR99, KWZ08, KL09, LM13, LCH+06, LEYS11, LHZ+16, LTY06, LS06c, LFV10, LyT98, LS06e, LMT10, LSXS16, LV93, MLLY06, MRM99, MQ05, MLT12, MSBZ10, NL16, NZTD02, OS05, PM09, PG93, PG94a, PA12, RSM09, RVS+02, RSS09, SLP07, SHZ16, SK10b, SK12b, SBP03, SM05, SKCW10, SBDR08, SPB16, SA01b, TT09, TK12, TWHR11, VNS02, VT12, WMYR16, XXBC14, XSHS12, YXF+13, YMO97, YMKC08, YWZZ16, ZM09, ZQ00, ZWDS00, ZRLD05, ZRP00, ZY16, ZWO+96]. **approaches** [DXT+12, EM09, JK15, LT02, LESZ98, MLT11]. **Approaching** [JW11, OY13]. **Appropriately** [ABS+16]. **Approximate** [Hon94, Świ96, AAG14, BBM93, CKR93, LBRA05, SZG+13, SSZ03]. **Approximating** [LTS05, RCGT06, WLS97, CD96]. **Approximation** [BRS10, BLS07, KWCR10, Kar10, PPSV13, SK12a, DXT+12, JLRS16, LB04, SZ07, XZTT08]. **approximations** [MHXT10, MM94, RV01, SBD11]. **AQM** [LBS05b]. **arbitrary** [BLEM+12, HH10b, MKS16, MR98, MOY00, MFB99, OY95, PEA09, RLA06, RS97b, TNF97]. **ARC** [AA04]. **ARCH** [KZDM07]. **ARCH-based** [KZDM07]. **architectural** [ZWO+96]. **Architecture** [RD11a, BKH+93, BCL10, BSS11b, BS00, CT01, CSS+14, CEFS99, CS99b, CS00, CL08, DDPP00, DEF+96, HA97, HW99, HXLZ11, IM03, Kim94, LSLL14, LK10, LCG+14, LXX+14, MD04, Mar96, MSH95, OKM94, Pad95, SP94, SLG+16, SH07, SSZ03, fTL06, WZLX12, WJLH06, Wu94, YCB07, YWA08, ZAFB00]. **architectures** [AMKY99, CLA07, CFS09, CT96, GLH95, RS04, RVR93, RG98, RSB01, WF93b]. **Area** [BFG+14, AIN+15, BSNI06, BCC07, DEF+96, ES96, FCAB00, GT00, HL98b, HL05, HK96, Jia98, KV96, KKM+97, LM01, Med95, MBRM96, Pax94, PF95, RVS+02, YNDM09, ZWDS00]. **Areas** [DLLL16, VG04]. **armed** [GKJ12]. **ARQ** [CFG08, KEY99, LZ09, SEK15, Spi97]. **ARQ/FEC** [KEY99]. **array** [KAZ01, TYJ16, WZLX12]. **arrayed** [NPQ06]. **arrival** [ODT09]. **arrivals**

[CFG08, LBS11, vDP93]. **AS-aware** [AYM14]. **AS-level** [GIL+15, OPW+10, SFFF03]. **ASHs** [WEK97]. **ASN.1** [TNF97]. **aspects** [VCM04]. **aspiration** [JKJ13]. **aspiration-based** [JKJ13]. **Assessing** [GCM+16, MTK03, NZCM11, XB07, DXT+12, PS09, SNXT13]. **assessment** [CJ07, DT15, LJC05, WK13]. **assigned** [AJ06]. **Assignment** [MS95, AZ09, AAV09, BPPP12, BB94, BB95, CV12, CM05b, CMV10, CL05, HRCW08, HBU95, KT07, LHL15, LMS06, LS01, LHM02, LR09, MK98, NBTD07, OB03, PT96, RS95a, RPF+14, SMG05a, SMG06, SSHK11, SKCW10, wTjCjC97, WQC06, XWWC16, ZOM03, ZA95, ZQ00, ZY07b, ZT12, ZM04]. **assignments** [Hu93, Tha01]. **assisted** [AJF11, BJY11, CY14, GZT03, HPR06, PPV04, RPGE04, RHC+12, WLCW16]. **Association** [LWC+14, AKSS12, AWFT15, BHL07, BDWS12, KDYV12, RD11b, SKS16]. **assurance** [BB06]. **assured** [WMYR16]. **Asymmetric** [HKS16, LCW+15, Ram96, RM08]. **asymmetry** [KS09a]. **asymmetry-aware** [KS09a]. **Asymptotic** [LZF09, SMSM06, TL06, ZH08a, ZFW14, AEJV13, BCGC15, JGLS14, JGS+15, KS01a, LLW+14, PL02, SWL06, WL07, ZH08b]. **Asymptotically** [LSS07, PLS07, SX10, CSSJ14]. **asymptotics** [JMMT12, SD15a]. **Asynchronous** [BESW08, Kri14, MSP+07, AK01, BJY11, BJ15, CK11, JC13, KLS11a, OSW97, Tur09]. **Atlantic** [MHRR12]. **ATM** [PK01, AS94, AKS96, AJDH01, AMKY99, AL98, BBM93, BGVC00, BLCT97, BM97, BIS00, BI00, BL94, BS00, CT95, CFPP96, CU95a, CC95, CRL96, CHCH00, CC96, CPSWL96, CDM93, DM95, DK98, DJM97, FC99, GP96a, GCZ96, GCZ98, GH93, GM00, GP94, HW99, HLG94, HK96, IMG98, JK96, KV98, KKM+97, KJF+00, KR00, KMS+01, KWC93, Kim94, KL95, KqL99, KEY99, KS98, LMR99, LS93c, LM95, LA95b, LLD96, LMSKZ99, LS97c, LMS99, LV93, MR98, MSB97, Med95, MMR96, MR96, MG95, MK96, MK98, NML98, NMH99, OWMM97, Pad95, PYL99, PB93, PG94b, PS98, RRK96, RLKT98, RB95, Ros96, RL94, SMT98, Ses97, SV99, SCY98, SS98, SBP03, SG94, SSD93, SC95, SK97, SDW00, SZT01, THP94, TdWC+94, TG97, WF93a, WLL01, WM95, XM99, ZVN99]. **ATM** [ZSSK02, ZF96, ZKO93]. **ATM-based** [RLKT98]. **ATM-oriented** [ZVN99]. **Atomic** [TLS+12, GHR14, LO99, YL16]. **attachments** [LT94a]. **attack** [KSA12, KSV07, Kon06, LMR07, LLY+12, SKCW10, WS05]. **attack-aware** [SKCW10]. **attack-resistant** [LMR07]. **attacks** [AHK08, AAS14, AC09, CLSS09, DT15, FTV+10, FAB12, KVF+12, KK06a, OF11, RSU+09, TEML09, WZR08, WNV13, WXW15, XY09b, YRRR12, YLLY05, YKGF08, YGKX10]. **attains** [MAN15]. **attenuation** [XK06a]. **Auction** [SZW+16, CL13, HGW+16, IGHT15, KS10, WHTC15, ZWTC16]. **auction-based** [CL13]. **Auctions** [DRQ+16, AAG14, DRJ+14, MT06]. **Auditing** [LMD16]. **Augmented** [RRS+14]. **authentication** [BAL10, BGH+95, FHH10, LLY06, OF11]. **auto** [APB+13]. **auto-configuration** [APB+13]. **autoconfiguration** [FMD13]. **autocorrelation** [HH98]. **Automata** [LT16, LRC15, PM96]. **automata-based** [PM96]. **Automated** [HK94, GXWW11, YWZZ16]. **Automatic** [ZKVM14, CGW+12, QY12]. **autonomous** [DEH+07, Gao01, SKG12]. **autonomy** [FJB07]. **Availability** [ZZZ+07, ABA+16, BSP07, Con11, DCGN03, DFMR15, GS10a, Gro99, JHR05, MDL+13]. **Availability-aware** [ZZZ+07]. **available**

[CDS02, JD03, LRL07, LRL08, SKKA01]. **average** [CFS06]. **averaging** [Kri14, MSP+07]. **avoidance** [BB95, FJ93, MGK14, MNR03, PM96, TYP+15, YSL+14]. **Avoiding** [FB07, SDV06]. **AVQ** [KS04]. **Aware** [ABS+16, KCM16, Nee16b, WN16, AD14, AYM14, BJY11, Bor05, BLB10, CLC12, CKV11, DYH13, DV09, DLT+15, FHSZ13, GLZC12, HLL13, HDM13, KT11, KS09a, LSZW13, LSS07, LG13b, LMW16, MLS12, MW05, PZS+16, PLL13, RSM09, RD11a, SM14, SRB10, SJ10, SKCW10, SPB16, SZL+14, TNRP11, TWL05, WH11, WA11, XTMM11, YSZL15, YCV15, YW07, YWZZ16, ZZZ+07, dOSAU04, YFB02]. **AWG** [BHN11, YLH15]. **AWG-based** [BHN11, YLH15]. **axiomatic** [HSE97]. **axiomatized** [BYH+15]. **axioms** [STC12].

babies [KHW12]. **Back** [ABJ+13, MMT16, BSS11b, JJS13a, LEY14, MBF+02, MS15, OWMM97, YSTL11, YSRL11]. **Back-Pressure** [MMT16, BSS11b, JJS13a, LEY14, OWMM97, YSTL11, YSRL11]. **Back-pressure-based** [ABJ+13]. **backbone** [BBG+10, BDWS12, HM04, JID+07, MIB+08, RDO+07, VWT+14, WKA+13]. **backbones** [KLOS09, MTK03, NBTD07]. **background** [WH11]. **Backlog** [Nee16b, ZL16]. **Backoff** [SD15b, HSM+13, Kon06, KSM05]. **Backpressure** [AWKN16, HZCL16, CYL16, HMNK13, LSLL14, SM16, SPB16]. **backpressured** [KGL03]. **backup** [BL04, GPM03, JLM15, LTP10, RC08, SZM08]. **backup-bandwidth** [SZM08]. **bad** [JAW11]. **balanced** [CLY06, GGFS02, HD07, HY10, JMS08, YCL09]. **balancer** [JIN+12]. **Balancing** [CWGT14, CZ12, VJV14, AWFT15, BD07, BHL07, HA16, KDYV12, LLW+15, MOR13, MSS16, SMG05b, SK10b, Smi08, WL07, WSW12, YCV15]. **ball** [NST01]. **ball-and-string** [NST01]. **Ballot** [HBH93]. **band** [CR98, MG97a, SKK07, Wan04]. **Bandit** [WN16]. **bandits** [GKJ12]. **Bandwidth** [BKLS08, HK96, KK00, KK03b, LA95a, LNB01, MR02, SLH+06, ZCM14, AA93, AS09, AS08, AC09, BBG11, BB94, BK00, BI00, CDFG06, CL04, CLS07, CLSS09, CAL09, Coh94, DZH03, DJM97, EM93, GS10a, GLLJ16, HBB09, HTC04, JD03, JVJ05, JJSS04, KKL03, KL03, KLS03, KZDM07, LM97, LRJ08, LOP97, LBL07, LZW+15, LZL11, LFV10, LS06e, LW13, LRL07, LRL08, Low00, LFL14, LNC04, LYL07, MPF+15, MJ13, PLD16, PGV16, RB09b, SLP07, SRR08, SCY98, SSM06, Smi02, SK06, SZM08, SL08, SK97, SSZ03, SC10, WL08, Wil96, WXW15, YMR00, ZB95, ZEV07a, ZS05]. **Bandwidth-** [SLH+06]. **Bandwidth-allocation** [LNB01]. **bandwidth-based** [CLSS09]. **Bandwidth-delay** [KK03b, LM97]. **bandwidth-efficient** [GS10a, SLP07]. **bandwidth-flooding** [AC09]. **bandwidth-guaranteed** [KL03, LRJ08]. **bandwidth-intensive** [PGV16]. **bandwidths** [BW98, KWC93]. **bang** [ST04]. **banyan** [AMKY99, GP94, JSuRKH03, Kop96, PYL99, PG94b, RCGT06, WY95]. **bar** [Geo08]. **bargaining** [BS09, MRHWS14, SAM10]. **barrier** [GZCX16]. **base** [AKSS12, LMS06, PT96, SH12, SKS16]. **base-station** [LMS06]. **Based** [HKS16, JSZ14, KLE16, LLT+16, SQ16, ZCM14, AIN+15, AP93b, ACR12, AA96, AN05, AHL96, AK15, AWKN16, AAS14, AS02, AdE07, AGGT16, ABJ+13, ALMR14, ARS16, BM09, BLC12, BV10, BS97, BLCT97, BTC01, BHN11, BRS10, BCGM07, BSS+11a, BESW08, CLP12, CJW11, CSLH13, CW16, CqLL98, CU95b, CBSK07, CLS07, CJV16, CH15, CTG00, CEFS99, CS98, CSN06, CLSS09, CLA07, CL09b, CL13, COS95, CWW+15, DM03, DC13,

DM15, DHSS14, ES07, ES03, FCA+06, FJ07, FGM+13, FNQ00, FML09, FCT03, GDW+16, GMZR13, GGPS96, GGM11, GMD15, GT99, GT03, Gro99, GZCF06, GS09, GCS06a, HHL06, HTAZ16, HM06, HM04, HCL09, HY10, HK11, IKDD15, IBM95, JDSZ97, JJS13a, JHR05, JYT+15, JGMB03, JVJ05, JJ08, JKJ13, JJL15, Kam10, KKS+08, KLC15, KG10, KWE+10, KG05, KWH11, KT06]. **based** [KAZ01, KZDM07, KqL98, LA02, LBS05a, LBB08, LS93c, LL95, LZSS10, LML11, LMP08, LYRL07, LM01, LHB+05, LLM11b, LCL+13b, LM15, LHZ+16, LH03, LHC05, LS06e, LÜ14, LLY+12, Liu10, LCL+12b, LCG+14, LDHT02, LR03, LQCC16, MVRZ09, MR09, MQ05, MBG+02, MNR03, Med95, MLT11, MWC16, ML12, MKT96, MRD08, MW00, MK98, MJ14, NKS08, NST01, NM06, Nee13, NPQ06, NABZ12, NTS12, NBT98, OMA+10, OJRCC02, OAN15, PM09, PM96, PS05, PJ13, QK01, RRK07, RLKT98, RVS+02, RX07, RSR11, RLZ10, RV01, SKT96, SRS03, SL05, SM16, ST09, SNS12, SCY98, SM00, SSAK12, SR94, SSD93, SAM12, SML04, SL08, SIYL09, SK97, SCKB09, SAS+16c, TR98, TS08, TMP07, TYLH09, TYP+15, VL05, VA06, WZR08, WYL09, WLC+10, WLL+11, WBP+11, WZLX12, WSW12, WKWV16, WWTK11, WM95, XHK+05, XSC03]. **based** [XLZC14, YKZ+13, YWLL09, YLH15, YDS06a, YSTL11, YMKC08, YNDM09, YM05, ZCD97, ZWDS00, ZNN+10, ZYL+14, ZTS11, ZHLL06, ZY16]. **basestation** [STKL01]. **Basic** [Kar03, SK13, LL99]. **batches** [vDP93]. **Bayesian** [WJK+12]. **be** [SHJ10]. **Beaconing** [GYSPR14]. **beaconless** [RKNS10]. **beamformer** [ASKR16]. **beamforming** [AKS+13, ZJS+12]. **before** [CTG00]. **Behavior** [XWG14, ANSX13, BOGS+16, BBLV06b, BPS99, CS98, DM95, EJ14, GSD09, HBS96, IW08, JWSH15, KEW06, KS13, LYWL08, LT95, LBP+16, Pax97, SSD93, SENB09, TL06, VL05, XZB08, YR01, BBLV06a]. **behaviors** [JSuRKH03, TWL06, XY09a]. **behind** [SCKB09]. **belief** [KL12, SS04b]. **benchmark** [TT07]. **benchmarked** [AIN+15]. **benefit** [AADS05]. **Benefits** [ZNK+13, AMS+08, AMSS08, BSF16, JWSH15, KBV+13, LLCL11]. **Benes** [PS93]. **BER** [ALJ99, Wan04]. **BER-scheduling** [Wan04]. **best** [CF98, KL07, PWK+13, SL08, YD04]. **best-effort** [CF98, KL07, PWK+13, SL08]. **better** [MA12]. **between** [BMB+11, DGK05, DEH+07, GT10, HFC+13, LMS04a, MCL+11, PMH95, QTWW16, SHHA09, SYP01, XL05]. **BEWARE** [WH11]. **Beyond** [PWK+13, SMC02, YLL10, BLC12, RTK+16]. **BGP** [BFF07, EKD12, FR07, GCH+15, LBP+16, VVP+13]. **bidirectional** [GLNP01, LMS00, LH95, Lie97, RM08]. **Big** [ST04]. **Big-bang** [ST04]. **Bilateral** [AJF11]. **billiards** [BH05]. **Binary** [LK95, LL09, LHL15, LMT16, ST13]. **BIND** [KZ97]. **binding** [MR96]. **bio** [FLMM10]. **bio-inspired** [FLMM10]. **biological** [HS06a]. **Biology** [DGLM16]. **BioNetwork** [CAP15]. **bipartite** [XWG14]. **Birkhoff** [CLY06]. **bistatic** [GZCX16]. **Bit** [MLT12, BSH+11, CR99, HJL+12, HH10b, LCL+13b, RT99, SJ95, SA01b, XSSK08]. **bit-rate** [SA01b]. **Bitmap** [EVF06, LQCC16]. **bitonic** [LC94a]. **bits** [HJL+12]. **BitTorrent** [CKC+13, FLC09, LDH+12, PWMC12]. **BitTorrent-like** [FLC09, LDH+12, PWMC12]. **blind** [HKB14]. **block** [LYC11, XL98]. **Blocking** [JSuRKH03, LNC98, SS04a, Xin07, vDP93, BIS00, CTG00, CLW95, CCKK16, CKR93, FT07, KL09, LL09, LWL04, LXC05, LC94b, TCPV13, WF93a, YLH15, Zeg95, ZRP00]. **bloom** [FDG+10, Mit02, AAS14, DKT06,

HKLS12, RKK14, RK15].
Bloom-filter-based [AAS14]. **BLUE** [cFSKS02]. **Body** [TSS14]. **bonds** [ACOR99]. **book** [GSW99]. **book-ahead** [GSW99]. **Boolean** [WXC16]. **border** [AVS04]. **borrowing** [JR96]. **both** [LLE16, YD04]. **botnet** [DKC+15]. **bots** [GXWW11]. **bottleneck** [JK05]. **bound** [ABA+16, FP95, KWS+11, KCB03, wTjCjC97, TG97, YYZ06]. **boundaries** [CGMS13, LE12a]. **Boundary** [LLJ+14, BNS11, HGE04, LM01, LZL+14]. **boundary-point** [HGE04]. **Bounded** [LZC09, TSS14, CE09, CZC+13, CFS11, HL05, JR14, Jia98, JKJ13, LWF96, Pil01, SS09, ZSK12]. **bounded-hop** [SS09]. **Bounded-mean-delay** [LZC09]. **Bounding** [FT07, KDHK15]. **Bounds** [AK96, CLW16, LLW+14, SSM03, AJV06, AGLM10, BBC+02, CBL06a, LNS11, LPF12, Liu10, RTK+16, SKK07, SS05, TCS13, WKZL96, XL05, YS93, ZSCJ14]. **BRA** [RM08]. **braiding** [SKHL12]. **breaking** [TGRR07]. **breathing** [WKWV16]. **BRICK** [HXLZ11]. **bridge** [ZTS94]. **bridging** [HFC+13]. **bring** [YASS15]. **broad** [CR98, MG97a]. **broad-band** [CR98, MG97a]. **broadband** [AK00, CGK10, CG15a, DM96, LA95a, LZZR12, MSH95, OKM94, Ord99, SYDM09, YMR00]. **broadcast** [ASW00, AF99, AGGT16, BCB99, BK06, BC01b, CH11, CCA96, FSM14, GMP08, GGK99, HH10a, HL96a, LPP11, Mod99, PM96, PEA09, PS94, RS97b, SKR+09, SS09, SMSM06, SV11, SKUB12, SZT01, VCM04, YS15]. **broadcast-and-select** [BC01b, Mod99, PM96, PS94]. **broadcast-video** [HL96a]. **Broadcasting** [Hou15, HH10b, SSA08, CFM13, FWL08, TCS04, XAST12, ZG14]. **Broadcasts** [NST+16, ME96]. **brokerage** [SZG09]. **Brownian** [LSMS06]. **browsing** [XY09a]. **Bruijn** [SR94]. **bucket** [GQ16]. **Budget** [ZLM16, HZL16, LSM+14]. **Budget-feasible** [ZLM16]. **budgeting** [BM00]. **Buffer** [CLC12, LLM11b, BT93, CH97, CGK94, EW08, FJ07, Geo08, HM06, JVJ05, JJSS04, KS01a, LBS11, cLqL97, Low00, MV09, PV04, PDT09, LZKT99, RRK96, SV99, SEMO09, SC95, THP94, WM95, ZY07a]. **Buffer-aware** [CLC12]. **buffer/bandwidth** [LZKT99]. **Buffered** [Geo08, CC95, HSG+08, LC94b, OWMM97, SPC10, TT09, Tur09]. **buffered-type** [OWMM97]. **Buffering** [SLD14, VB94]. **buffers** [AGL16, BBG+10, IKM08, Kim94, LMS12, LMSKZ99, VS97, VSR11, XME15, ZKO93]. **Building** [KT08, YW07, GS09]. **bulk** [BKTN03, LSS+13]. **bundling** [MDL+13]. **Burst** [LT95, BV10, HH10a, LQXX07, RLZ10, Zal09]. **burst-based** [RLZ10]. **burst-switched** [BV10]. **burstiness** [KA95, Val01]. **bursty** [JK96, JPS04, Nee09, WM96, YZ10]. **BUS** [SZT01, BB96, LH95, NSS96, SS93, SS94a]. **buy** [KKP15]. **Bypassing** [PLT14]. **byte** [BKH+93, CB99]. **byte-interleaving** [BKH+93]. **Byzantine** [YKGK13]. **Byzantine-resistant** [YKGK13].

C [SG94]. **CA** [JP13]. **CAC** [CGMS13, ZTS11]. **Cache** [PLD16, BD96, FCAB00, GMWD13, GMD15, KRS00, NSCR06, PP02, RW04, RV00]. **cache-friendly** [RW04]. **cachecast** [SPGM13]. **caches** [CDPLCA16]. **Caching** [LDH+12, TEE16, AS14, AD14, BK06, HS08, JSBM02, MAN15, PMAN16, PD16, RSB01]. **calculations** [KS01a, SS98]. **calculus** [CBL06a, LBL07, MSB97, SKZ03, ZM09]. **call** [ASCG08, AL98, BLCT97, BIS00, DM96, FCL97, HKT95, IPG97, KL09, LLD96, LAN97, MR96, PDSK04, Pil01, RV01, Rum93, RS95b, Smi95, VG04, WWL02].

call-in [RS95b]. **calls** [CCY+14, CTG00, GSW99]. **Campaigning** [KK16]. **campaigns** [DZNT14]. **Can** [RS05, CPS13, LLY+13, SHJ10, SSFM08, XCR11, XCR15]. **cancellation** [BSS14, GNP+13, YASS15]. **candidate** [WYH10]. **capabilities** [SAS16a, SYP01, SSM06, WNV13]. **capability** [RRK96]. **capable** [TEML09]. **capacitated** [KNP05]. **Capacity** [AGLM10, ACKZ14, BBLV06a, CCL11, GGL09b, GGL09a, HW12, HR14, KV09, LM95, LPF12, MS08, SV06, XME15, ZFW14, AJV06, ALMR14, AJ06, BBLV06b, BB96, CZF+16, CJ97, CDS02, DSTM12, DTM15, DFZ06, DRM04, GHW14, GT02, HBB09, HKL06, HBU95, HM04, IMG98, JVY06, JLS09, KD10, Kuc14, LK16a, LPKF10, LCH95, Li09, LLLT10, LPW14, LSMS06, LTS05, LE06, MM94, MK98, PD16, PDT09, QY04, RP13, RDO+07, RK06, SKKA01, SLS10, SMS07, SR01, Smi02, UN11, WHW+11, XK06a, XM99, ZH08b, ZLW16, dFV02]. **capacity-delay** [CZF+16]. **capacity-estimation** [DRM04]. **capacity-varying** [SR01]. **capture** [CT04b]. **Capturing** [HPV09, CZM14, GSK08]. **cardinality** [ZL14]. **cards** [LMP96, PZS+16]. **carrier** [BSH+11, KNSV13, MVRZ09, SCN12, ZS13]. **Carry** [PK01, SMT98]. **Carry-over** [PK01, SMT98]. **carrying** [FRC98, LSC99a]. **cascades** [La16]. **case** [AS07a, BGVC00, BM93, BS15, CPGZ15, DYH13, ESG11, GSKR99, JK05, Kim98, Lee96, LH10, PG93, PG94a, RIM98, RVB12, SM08, SMM11, SPR08b, SPR08a, Val01, WLS97]. **cast** [JPH08]. **causality** [KS13]. **cause** [YBG+12]. **caused** [DSA+14]. **causes** [AST11, CB97, MG95]. **CBFQ** [BTC01]. **CBR** [ITSO01, Lee96, LyT98, PS98]. **CDF** [JJL15]. **CDF-based** [JJL15]. **CDMA** [ALJ99, CT04b, CS99b, FT07, Hu93, KMT05, KCB03, KG05, LMS06, fTL06, Wan04, YD07]. **CDN** [SCKB09]. **CEDAR** [QSS+15]. **Cell** [GKS05, LA95b, PK01, Ros96, BLCT97, BHN11, CHCH00, CG15b, FCL97, KDYV12, Kuc14, KAMG07, LMSKZ99, LLY+12, MBG+02, RrBG94, RKA08, SMT98, TG97, WF93a, WKWV16, YWK07, ZF96, DMMS14]. **cell-based** [MBG+02]. **cell-breathing** [WKWV16]. **cell-counting-based** [LLY+12]. **cell-scheduling** [CHCH00]. **cell-switching** [RrBG94]. **cells** [ASKR16, GH93, MS95, SAS+16c]. **cellular** [AZR97, AS96, CSC94, DM15, DRJ+14, GH04, HRCW08, JR96, KAEAS14, KMZR12, LPKF10, LS06b, LSC99a, LSC99b, LC04a, LCZC13, LG13b, MBL10, MGCK15, MSA+16, McM95, MAS09, PMH95, RP13, SEK15, SJL+13, SJL+16, SKS16, TPC09, TEML09, XSC01, XSC03]. **censorship** [DSA+14]. **Center** [XLAC16, CKL16, CGW+12, CSS+14, CYG+14, JRL15, LGW+11, LLW+12, LZW+15, WFGZ13]. **centers** [BMB+11, LZXF14, LWAT13, PMH95]. **central** [CS98]. **central-limit-theorem-based** [CS98]. **Centralized** [AS08, DC13, BLL07, HKV+13, LNB00, SD15a]. **centric** [AK09, AGL16, CT04b, LM13, RJJ+11, YLLY05]. **Chain** [KLE16, GMWD13, ZS04]. **challenges** [SRR08]. **challenging** [ML12]. **change** [CG04, SR01]. **changers** [KS01b]. **changes** [CCY+14, CF94, CTVD14, SNC+07, TSGR08]. **changing** [AC06, SP94]. **Channel** [BCP00, CLW16, LSC99a, MLS12, TMH97, ZYL+14, AK15, AGGT16, AAV09, BGK97, Bor05, CL09a, CLM+16, CK07, CFS09, FTZ+13, HSM+13, HL98b, IZC00, JR96, KKV16, KT07, Kuc14, LSC99b, LLLT10, LyT98, LR09, MRM99, MHSC95, NAA+16, PT96, RW93, TS08, TCS04, WXW15]. **channel-assignment** [LR09]. **Channel-aware** [MLS12, Bor05].

Channel-hopping-based [ZYL+14]. **Channels** [NST+16, AZLB16, AZ06a, BLEM+12, CAK12, ÇM15, Coh94, CG15a, ESP05, GK16, Hou14, JLRS16, KVR98, KL07, KHTK00, KN05, LCQL14, NMR03, OES16, SL12, SKUB12, SV06, TMH97, YS15]. **characteristics** [CKR+09, LH95, TWL04]. **Characterization** [LL98, MIB+08, AW97, cFCcFW05, LLY01, LBX11, RRK07, SJL+13, SH14, VAM+06, WTXT11]. **Characterizing** [BMS14b, CFS+10, FK07, KN05, SJL+16, SRS08, WW16]. **charging** [XSH+15]. **chat** [GXWW11]. **cheap** [SK12b]. **Cheat** [BLL07]. **Cheat-proof** [BLL07]. **cheating** [LWL+11]. **checksums** [SGPH98]. **Chen** [FM06]. **Chen-Stein** [FM06]. **Chinese** [Su15]. **chip** [AIN+15]. **Chips** [DGLM16]. **choices** [KM08]. **CHOKe** [EJ14, TWL04]. **chord** [FLMM10, SMLN+03]. **chunk** [Liu10, ZCL11]. **chunk-based** [Liu10]. **chunk-scheduling** [ZCL11]. **Chunking** [LK16b]. **churn** [BQ08, EKD12]. **circuit** [CJ14, CHA95, Coh94, LT02, RZZ06, VS97, VL99, WCY00, Zal09]. **circuit-switched** [LT02, RZZ06, WCY00]. **cislunar** [WBP+11]. **class** [ALMR14, CLA07, JM00, KG16, LMS05a, LMS05b, Med95, SG94, VR13]. **class-based** [CLA07]. **ClassBench** [TT07]. **classification** [BV05a, CSLH13, CW16, CKKK09, GXWW11, JID+07, KNR+16, LCL+13b, LLJ+14, LMT16, LS07, LQCC16, MLT11, NABZ12, SMP+14, ST13, SSZ05, TT07, Tre11, WLCC07, XLZC14, ZCX+15]. **classifier** [FMMR10]. **classifiers** [LMT10, LS09, MLT12, WXC16]. **classless** [GCS06a]. **client** [AYM14, AWFT15, BCL+09, GCZ98, MR96, ZT12]. **client-level** [MR96]. **client-membership** [MR96]. **client/server** [GCZ98]. **clients** [BK06, FHSZ13, JS06]. **Clock** [HKS16, GTS+09, GCS06a, KL95, LSW15, MMH+15, Mil98, RVB12, SA01b, XL95]. **clocks** [KMH12, Mil95, VRK09]. **clone** [LG13a]. **Clos** [HL00, LNC98, LC96, OJRCC02, Smi08, YLH15]. **Clos-network** [OJRCC02]. **Closed** [GLMM04, fTL06]. **Closed-loop** [fTL06]. **closets** [Bej09]. **closures** [Ber00]. **Cloud** [LLWB16, LLT+16, PCW+16, SZW+16, ZCM14, DGG+02, HTAZ16, LK14, SAS+16c, Szy16, WLCW16, WRS+15, WXW15]. **cloud-assisted** [WLCW16]. **cloud-based** [HTAZ16, SAS+16c]. **CloudNet** [WRS+15]. **Clouds** [LK16b, JLX+16, LWLL16, MS14, WWL+15]. **CLP** [RRK96]. **clue** [ABBHP01]. **Cluster** [CL16a, YSTL11, LAN97, LNA07, LÜ14]. **Cluster-based** [YSTL11, LÜ14]. **clustered** [EKSV16, SK10b]. **clustering** [BMM+09, BLB10, CAO11, GMZR13, YD07, YF05]. **clusters** [JIN+12]. **co** [Kuc14]. **co-channel** [Kuc14]. **coalition** [SSAK12]. **coalition-based** [SSAK12]. **coalitional** [SSA11]. **coax** [CLG+00a]. **coaxial** [CR98]. **COD** [CT96]. **Code** [BB95, MWC16, CDO97, CSLH13, CWW+15, Hos98, Hu93, KCA97, OF11]. **Code-based** [MWC16, CWW+15]. **Coded** [XLAC16, ACKZ14, FDG+10, FSM14, GH93, KWH11, LRM+06, MAN15, NLB15, PMAN16, RGG11, SM14, SV11, THMK12]. **codes** [AD11, DPR06, ESG11, Far95, Fel95, McA94, Sho06, SV15, WCAB15, YS15, YSJL14]. **Coding** [ABS+16, BK06, LK16b, RRS+14, RKPP16, SQ16, CFS06, CLC12, CZZY12, CGK10, CBL06b, DMC06, DYH13, DFZ06, FWL08, GV93, Hou15, HK11, Kam10, KRLL11, KRH+08, KWS10, KBV+13, KM03, KWH11, LE13, LSB06, LZZR12, LK14, LP07, MRHWS14, OF11, OWKS16, PRR06, PCL15, QY12, RGKR10, RJCE06, SM14, SRB10, WM16, WJK06, XY10a, XL11b, YYZ06, YSZL15, YASS15, YZBR14, YMKC08, ZNK+13]. **coding-aware**

[SM14, SRB10]. **coding-based** [Kam10]. **coexistence** [BSS+11a, LMSKZ99]. **coexisting** [KCTI08, ZS13]. **Cognitive** [CLW16, RZS14, AK14, AK15, CAO11, CZM14, FEC13, GSA15, GMYP16, HW12, KKEE13, KS10, KNK+14, LZES14, LWT+15, SKY10, STC12, TW10, WSW12, YKZ+13, YGC10, ZYL+14]. **collaborative** [FAB12, GGM11, LLY06, VA06]. **collapse** [AVS04]. **Collected** [Kar06]. **collection** [GIKK11, JC13, LFZS11, XLR13, YCV15, YZP+14]. **collective** [ZJ12]. **collision** [CT04b, HDM13, JL12b, MGK14, SCN12]. **collision-aware** [HDM13]. **collisions** [JW11]. **collusion** [LMP96, ZW10]. **collusion-resistant** [ZW10]. **colocated** [KS06]. **colored** [JRY09]. **Coloring** [NSW11, CHM+05]. **combating** [FTV+10, YMKC08]. **Combinatorial** [ÇY07, GKJ12, YOY97, HKLS12, HS03, ZWTC16]. **Combined** [AABD13, SKS16, YASS15]. **combining** [YSRL11]. **come** [ODC+16]. **Comments** [CBAT06, Far95, GLG04, HL05, Kar03, LRJ08, LYL07, OdG96, PK01, ZCW15]. **commercial** [LGGZ10]. **common** [BM09, RW93]. **commons** [KAS16]. **Communication** [ACC+14, RVR93, AA96, AKK13, ABJ+13, BMB+11, BCP00, BSNI06, BBL95, CS00, CBLVW06, DT93, GS97, GPM03, GL10, GF95, HJL+12, HLHD+04, HN10, JK05, KS95, KPP93, Kri14, LM13, LBHO07, LTB04, LO96, LH14, LNC93, LYL07, MKS16, MSP+07, MDMM09, MP08, MP93, MW98, NOF14, ORS93a, RLA06, RS12, SZG+13, SS04b, VGP14, YS93, YKGK13, ZYL+14, ZPCS11]. **communications** [Ban99, CPGZ15, CJJ09, FHH10, FUDA03, FMT03, HL98a, HA96, HTC04, JCJ95, JR96, LZ09, LyT98, MHS95, MTK03, RPV13, SKE16, SL07b, WBP+11, WGL00, WZL+13, ZJ12]. **communities** [DPMK11]. **community** [DPBT11, MPF+15]. **Compact** [Hos98, MWQ+10, YLCP11]. **CompactDFA** [BBHK14]. **Comparative** [AT03, Kum98, CFPP96, CJ14, RrBG94, WS08]. **compare** [LS97c]. **Comparison** [LVB96, BPSK97, BO03, Far95, JGKT07, LNB00, LESZ98, McA94, MV14, RPGE04, RS95b, TAB+15, ZCD97]. **compatibility** [QL16b]. **compatible** [GSRS+15]. **compensation** [HK94]. **compete** [NJW16]. **Competition** [GHR14, KAS16, Ma16, GS16, LMW16]. **Competitive** [BBMELH08, BFG+14, ORS93a, BCN02, CFS11]. **complementary** [RS12]. **complete** [WM95]. **completely** [SSWK13]. **completeness** [CBLVW06, OPW+10]. **Completion** [SV15, NAA+16, Rum93]. **complex** [HK94, Ili00, LRC15, SSV13]. **Complexity** [AZ09, LW13, TAH99, VLM16, BSYS12, BSS11b, BMS14b, CN08, FMSM+11, Guo04, GLS09, HLW13, JGLS14, JGS+15, KR00, KV05, LSB06, LMS04a, LLS10, MP08, Val07, XL05, XCX+06, ZCW15]. **compliance** [SBDR10]. **compliant** [BLPS10, RVS09]. **Component** [WLL+11]. **Component-based** [WLL+11]. **Compound** [RMPG16]. **compounding** [LMS04b]. **Comprehensive** [PCW+16, LBB08, SZM08, ZQ00]. **Compressed** [LLT+16, Mit02, XLR13, BLC12, BBK12, LMR99, LCY96, LyT98, ZG14]. **Compressing** [RTK+16, DLT16, MLT12]. **compression** [BSF16, TSR14, THDD05]. **compression-transmission** [TSR14]. **Compressive** [LLL+16, RZWQ12, ZL15]. **compressors** [CCL09]. **Computation** [VLM16, BL04, CSS08, FC99, Ili00, Nai97, NST00, RRG10, RGKS10, SGR13, Sob02, WB11]. **Computational** [CK10b, GS97, WM96, CN08, XL05]. **computations** [GLA93]. **compute** [CLW95]. **computer** [CSEZ93, GEHM02, Lev95, Mil95, SC95, WLS97]. **Computing**

[CKR93, CVM+15, DEH+07, GO02, LLWB16, NDGL06, PCW+16, SZW+16, BBO+05, JL12a, KL09, XGF+14, ZRP00]. **concatenation** [OSZ+06]. **concave** [RS07]. **concentration** [CM93, MGR02]. **concentrator** [LT94a]. **concept** [LAN97]. **Concepts** [VK04, CSMW02]. **Concise** [PT12]. **Concurrent** [GH04, IAS06, OJRCC02, RCOC03, LK10, NM09]. **condition** [FP97]. **Conditions** [KV05, CGMS13, KCTI08, LZC09, MDL07, ML12, RLA06, SCKB09]. **cone** [LHB+05, RB09a]. **cone-based** [LHB+05]. **conference** [TWL05]. **conferences** [RVR93]. **conferencing** [CPS+12, LZL11, ZLS96]. **confidential** [OÇ10, SKE16]. **Confidentiality** [SEK15]. **Confidentiality-preserving** [SEK15]. **configurable** [BWH+07, WWT05]. **Configuration** [APSG14, APB+13, CGW+12, CAH08, GQ16, KIR08, RBGK03, SS93, SS94a, TD03, YKKY08, ZBA16]. **configurations** [KSG11, KHČ+09]. **Conflict** [LS05b, PM96, PEA09, SHHA09, ZZW+15]. **conflict-free** [PEA09]. **conformance** [MP93, MP94]. **Congested** [Kop96, BM93, WWTK11]. **congested-queue** [Kop96]. **Congestion** [CL16a, CJ97, DS04, GKPS06, PWDL05, PT00, QAZ12, RS12, AMP01, AVS04, AB05, AdE07, BO07a, BM93, BNJ16, BV05b, BYH+15, BESW08, CGM04, CCV03, CBD02, CFM+09, ES07, FJ93, FF99, GP96a, GLG04, GMSK09, HSH+06, HPV09, HLW13, ILS97, JRL15, JGMB03, JVJ05, JBDF07, JJ08, JT01, KMR95, KK05, KKS+08, KG99, KS03, KK06b, LMS00, LAJS07, LPIH11, LS99, LS06d, LSXS16, LR03, LSM+14, MNR03, MOY00, MKT96, MW00, PM09, PILR05, RCS14, RJJ+11, RX07, RKT02a, RS95b, ST05, SL05, SSM03, SWL06, SLD14, TKN06, TWLC07, TWLC10, THP94, TLS+12, TC06, Tia05, Voi07, WFGZ13, XHK+05, XFS06, YSL+14, YOY97, YS07, YDS06b, ZKL07]. **congestion-based** [JVJ05, JJ08]. **congestion-controlled** [GMSK09]. **Congestion-dependent** [PT00, RS12]. **congestion-driven** [MOY00]. **congestion-free** [ILS97, YOY97]. **connect** [FJ07]. **Connected** [GZDG06, CB11, CCF04, HS06b, RYS12, SPR08b, SPR08a, ZG08, ZLW16]. **Connection** [BIS00, CGS93, SR01, CCL99, CZFF98, GS10a, LWL04, MH02, QY04, RS08, RLKT98, XHN04, YJ15]. **connection-oriented** [CZFF98, GS10a, LWL04]. **connectionless** [CPSWL96, KMS+01, OKM94]. **connections** [Ban99, CDFG06, CL04, ESG11, FP14, KKL03, KS12, LLY09, MMS01, Pax94, ZQ99]. **Connectivity** [JYT+15, RZS14, AG16, DBT05, HLP11, KLT15, LZF09, SKG12, SQ12, WLWL13, XK06b, YBX+10, ZH08a]. **Connectivity-based** [JYT+15]. **connectors** [Zeg95]. **connects** [DMK05]. **conquer** [CJV16]. **conscious** [MPFK02]. **conservation** [BYH+15]. **conserve** [KD10]. **conserving** [CPR99, GK16, TG96]. **consideration** [YYZ06]. **considering** [BH06, CH15, LZXF14]. **consistency** [GMD15]. **Consistent** [CB99, HAGL16, LDK12, WL07]. **constant** [BSS09]. **Constrained** [MHXT10, WN16, CKS16, CM05a, CCLT02, CSS08, Hou15, HH10b, KWCR10, KKP15, KLS11a, KK03b, LE12b, LCW+15, LH10, MCLG07, PZGLA98, RMM99, RS00, SCR08, SG05, XZTT08]. **Constraint** [GZCF06, DBL13, HMM11, JL12b, Kuc14, KLT15, NMC07]. **Constraint-based** [GZCF06]. **constraints** [Bej04, CTH10, GS10b, JF04, LS03b, MSS16, PPSV13, WQC06, WLLZ16, XSZ+07, ZM09, ZOM03]. **Constructing** [LHC05, WMFS10]. **construction** [CL08, hCgKsYwT96, DLT+15, RMM99,

SK03, ST08, TAB+15, WKA+13, ZXTT08]. **Constructions** [CCL06, CCL09, NPQ06, SS10]. **constructive** [WHM+13]. **consumers** [XYLL14]. **consuming** [SSZ05]. **Consumption** [GYSPR14, CK09, CMFA14, SGSB+15]. **contact** [WMS09, ZLSK15]. **containers** [LZXF14]. **containment** [WNV13]. **Content** [AS14, AGL16, AAG+16, MDL+13, TEE16, ACR12, AJF11, BCMR04, CKS16, CKR+09, CG04, CY14, CKC+13, LMT16, MCL+11, MOR13, MJ14, RB02, SG96, SD15a, SJ10, SYJ09, TM13, WS08]. **content-based** [MJ14]. **Content-centric** [AGL16]. **Contention** [CSN06, ASSK13, DM03, SG96, YWK07, YD07, YDS10, YCL09]. **Contention-based** [CSN06, DM03]. **Context** [LG13b, LMW16]. **Context-aware** [LG13b]. **Continuous** [CK11, And04, AS02, GZT03, qLH93a, NABZ12, TX08, VNS02]. **contract** [SL14]. **contracts** [RS12]. **contributory** [MSWL06]. **Control** [BD97, CL16a, EML12, KES13, URZ+14, AK01, ACOR99, AA04, AMSS08, AMP01, AAM05, ASCG08, AB05, AABD13, AADS05, AZR97, AL98, AOM04, BBG11, BCP00, BCL12, BHL07, BM93, BLCT97, BFMF01, BLT02, BS08, BCGM07, BSP07, BYH+15, BESW08, CFP+09, CGM04, CDFG06, CBD02, CLM99, CH93, CFM+09, CLD10, CYG+14, CLK01, CSN06, CCKK16, CWW+15, DLT16, DM14, DS04, DK98, DM96, EF08, EM93, ES07, EOSM10, FKT98, FF99, FMT03, GP96a, GKPS06, GHK02, GNP+13, GP96b, GT99, GT03, GMY13, HP01, HIM07, HSH+06, HRCW08, HDM13, HLW13, JR14, JDSZ97, JCJ95, JGMB03, JT01, KMR95, KK16, Kar03, KK05, KWS10, KR99, KA95, KG05, KEY99, KqL98, KS03, KK06b, LA02, LCM04, LMR99, LMS12, LMS05b, LPIH11, LS06b, LA95c, LCH95, LHB+05, LH05, LM15, LWF96]. **control** [LyT98, LS06d, LT95, LJNK12, LSXS16, LR03, LL99, LKZ+04, LRG10, MGK14, MOR13, MPS01, MH02, ML12, MLS12, MKT96, MW98, MW00, NM09, NKS08, NML08, Nee09, NS98, PWDL05, PM09, PDSK04, PG93, PG94a, PV10, PSA96, PPV12, PFC96, Pil01, QAZ12, QCS07, QK01, QS04, QS05, RKZG10, RS97a, RJJ+11, RLA06, RSS09, RX07, RV01, RS95b, RYS12, SMGP15, SEK15, SKE16, ST05, SL05, SKKA01, SWL06, SL07a, SBP03, SHN16, SMM11, SKS16, SR01, STC12, SDW00, SL07b, TKN06, TPC09, Tan16, TWL06, TWLC07, TWLC10, TAJ+10, THP94, Tia05, TdWC+94, TLP+16, Voi07, VL05, VA06, VA07, VA09, WBEGS05, WPL06, WKWV16, WCH95, WD05, WLL01, WWL02, WFGZ13, XY10b, XHK+05, XSC01, XSC03, XFS06, XC08, YWK07, YKZ+13, YJ15, YHE04, YS07, YJH05, YM05, ZSSK02, ZS03, ZKL07, ZLW16, dAF04]. **control'** [AMS+08]. **control-plane** [TLP+16]. **Control-theoretic** [EML12, KR99, LyT98]. **controllability** [JPS04, JS06]. **Controlled** [CL07, AQJRS16, BBM93, BKTN03, GMSK09, Hon94, KV98, KVR98, LAPS08, LL95, LKC11, LK13, ML06, XSC01, YL97]. **controller** [BL94, CC96, CCL99, HP00, KR99, LLD96, PILR05]. **controllers** [RCS14, SSM03, SLD14, YDS06b]. **controls** [Smi95]. **conventional** [CFPP96]. **Convergence** [CMP+14, Nee16b, FB07, Kar03, LABJ01, qLlH97, LLE15a, LR03, LL99, MMH+15, YMO97]. **convergent** [BS08]. **conversion** [CL05, DMK05, Hos98, KA98, NPQ06, QY04, RM02, RS98, RZVZ06, SAS96]. **converter** [SAS99, ZY07b]. **converters** [CM05b, NPY07, SJGH10, XL99]. **convertible** [ZZZ+07]. **convex** [Ber00, CGMS13, LMS05b]. **cooperate** [KKEE13]. **cooperate-to-join** [KKEE13]. **Cooperation** [KNK+14, MQ05, SR14, WFH12].

Cooperative [LNL+16, SKY10, SAM10, SSAK12, XWWC16, ZS13, AK14, AVPG14, CFG08, CBL13, CPGZ15, CW10, EH11, GMY13, GMYP16, GLLJ16, HS06b, IK09, KEW06, LZES14, MCL+11, MEWP13, SSHK11, SYJ09, SMSM06, WQZ+13]. **coordinate** [CGMS13, KBS11, LZSS10, LHC05, TYLH09]. **coordinate-convex** [CGMS13]. **coordinate-free** [KBS11]. **Coordinated** [LK02, CRB12, LK05, LPCVC13, YJ15, YHE04]. **coordinates** [DJ14, SBNRS14]. **Coordination** [DMMS14, CHH06, GR01, MGK12, MDL07, RD11a]. **copy** [MHSC95, Ses97, SM00, SPR08b, SPR08a, ZKO93]. **Core}** [SSZ03, CHM+05, EKD12, LBS11, LC04b, ZBA16]. **Core}-stateless** [SSZ03]. **correcting** [BDS07]. **Correction** [BBLV06a, AD11, BMB+11, Kri14, SCY08]. **Corrections** [AMS+08, DKN97, XCR15, ZCW15]. **correlated** [AT03, CMGL11, CBL06b, CBLVW06, Nee16a, PG94b, TSR14, VR13]. **correlated/unbalanced** [PG94b]. **correlation** [CAO11, qLH93b, qLH93a, VA06, WA11, ZZHZ13]. **correlation-based** [VA06]. **Cost** [BWS10, hCgKsYwT96, CR14, DZNT14, GRS00, RG98, WTXT11, XLAC16, ZCM14, AADS05, CMN12, CK00, CDM93, DFGV11, FEC13, HSE97, JLX+16, KK93, LGW+11, LPP11, Lin97, LRM+06, PZGLA98, RV01, SHZ16, SML04, XY10a, XK06a, YYZ06, ZQ99, ZKL11, ZNZT16, ZWYY10]. **cost-benefit** [AADS05]. **Cost-effective** [BWS10, CR14, DZNT14, GRS00, LGW+11, SHZ16, ZQ99]. **Cost-minimizing** [hCgKsYwT96]. **cost-performance** [SML04]. **cost/performance** [CDM93]. **costs** [CSG14, FK07, HA96, Ili00, LZ13]. **could** [PES+12]. **council** [RSZ04]. **count** [ECN09, WJS07]. **Counter** [TWL06, HXLZ11, KK06a, LCL12a, LT94a, RSU+09, WZLX12]. **Counter-intuitive** [TWL06]. **counter-rotating** [LT94a]. **counterfeits** [GSN+16]. **countermeasure** [CHL16, KVF+12]. **counterpart** [XCX+06]. **counting** [EVF06, FDG+10, HLZ+14, LLY+12, RKK14, ZCY16]. **country** [DSA+14]. **country-wide** [DSA+14]. **Coupled** [CAK12, BMS14a]. **couplers** [GT00]. **Coupon** [MV08]. **covariance** [DL04]. **cover** [GZDG06]. **Coverage** [SK10b, WY06, GZCX16, KBS11, KBS12, MP94, TXL+12, XK06b, YKR11, YBX+10, ZG08]. **Coverage-time** [SK10b]. **covert** [WXW15]. **CQBT** [RW96]. **CR** [YCL09]. **CRC** [SGPH98]. **Create** [NST+16]. **creation** [SLL+11]. **Credit** [BTC01, AS02, LYS93, LMP96]. **Credit-based** [BTC01]. **criteria** [RPF+14, WC08]. **criterion** [AOM04, LK05, SD15b]. **Critical** [BC01a, FM06, DZNT14, GGL09b, LKC+13, SNXT13, TT09, TKI+15, ZH08a, ZTS11, ZPCS11]. **critical-load-based** [ZTS11]. **CRMA** [SS94b]. **Cross** [CBL13, CH11, CGK10, HK11, KT06, LML11, PNRMC13, RGG11, WLLD05, WVG12, WS05, CK10a, CDFG06, CL03, CBL15, CCF04, DMK05, EOSM10, FJ07, Geo08, LSLL14, LS06d, PDE08, SLP07, SHHA09, SH07, SPB16, VA09, XE13]. **cross-bar** [Geo08]. **cross-connect** [FJ07]. **cross-connects** [DMK05]. **Cross-domain** [CBL13, CBL15]. **Cross-layer** [CH11, CGK10, HK11, KT06, LML11, PNRMC13, RGG11, WLLD05, WVG12, CK10a, CDFG06, EOSM10, LSLL14, LS06d, PDE08, SLP07, SHHA09, SH07, SPB16, XE13]. **cross-path** [CL03]. **Cross-talk** [WS05]. **crossbar** [HSG+08, Kok10, NMC07, RCGT06, Tur09]. **Crossing** [CE09]. **crosspoint** [SPC10]. **Crosstalk** [BHN11, CTH10, JSuRKH03]. **crosstalk-free** [JSuRKH03]. **Crosstalk-preventing** [BHN11]. **crowd** [NL16]. **crowd-sourcing** [NL16]. **crowded**

[SJL+16]. **crowds** [CZCC14, RS05]. **crowdsensing** [HZL16, YXFT16]. **crowdsourcing** [YXFT16, ZLM16]. **CRT** [CLP12]. **CRT-based** [CLP12]. **Crying** [KHW12]. **CSMA** [JP13, ASSK13, CCL11, GSK08, GS13, HL15, HK11, JZC11, JW10, JW11, KL12, KNSV13, KLC15, Kon06, KLE16, LK16a, NTS12, QZZ+13, SKK07, SCN12]. **CSMA-based** [KLC15]. **CSMA-CA** [JP13]. **CSMA-like** [HL15]. **CSMA/CA** [HK11, JZC11, Kon06, LK16a, NTS12, SKK07]. **CSMA/CA-based** [HK11]. **CSMA/CN** [SCN12]. **cueing** [BS02]. **cumulative** [KWH11]. **current** [BB06, SGD05]. **curve** [CAH08, LMS04b, SZN00]. **curves** [Wil96]. **customer** [SSA11]. **Cut** [Tas99, GL10]. **Cut-through** [Tas99]. **cutoff** [CSC94]. **cutting** [LLJ+14]. **cuttings** [ST13]. **cyber** [SHZ16]. **cyber-physical** [SHZ16]. **cyberspace** [CWSB05]. **Cycle** [BY06, CHML15, HLL13, KWCR10, SG96, WYH10]. **Cycle-logical** [BY06]. **cycled** [HLX+15, LHC+16, ODC+16]. **cycles** [ARK09, CJ07, EM09, GR12, GR14, Kam10, MJ13]. **cyclic** [LM96, LW11]. **cycling** [GTS+09]. **Cyclopathic** [BY06]. **CYRF** [SL05].

D [HBH93, CPGZ15, JYT+15, KZ97, LZL+14, WJYL16, YJZW15]. **D-BIND** [KZ97]. **D/** [JYT+15]. **DAC** [CGW+12]. **DACM** [AJ06]. **damage** [KSA12]. **DART** [EFK07]. **Data** [HK14, XLAC16, ZHC16, AC16, AK09, AF99, AJDH01, AZ11, BMB+11, BV96, BK00, BKTN03, BK06, Bor05, CKL16, CDI+04, CT04b, CGW+12, CZM14, CSS+14, CYG+14, CS15, CLL+14, CM05c, CBL06b, CBLVW06, FML09, GIKK11, GIL+15, HLX+15, HRCW08, HY08, IGHT15, JCJ95, JC13, JRL15, KqL99, KR08, KWS+11, LM13, LSS+13, LLW+09, LLY+13, LGS09, LGW+11, LLW+12, LZZR12, LZXF14, LZW+15, LS97b, LWAT13, LÜ14, LFZS11, LNL+16, MEWP13, MG95, NCK15, ODT09, OSZ+06, OÇ10, RP13, RVV+15, SMH95, SLC+07, SK13, SX10, SGPH98, TXL+12, TX08, TRKN12, TAH99, VL97, VCM04, WZY+16, WCH95, WMFS10, WFGZ13, XLR13, XC08, YCV15, YAA09, YG10, ZM09]. **data-center** [LGW+11, WFGZ13]. **data-centric** [AK09, CT04b, LM13]. **data-gathering** [LÜ14]. **data-latency-bound** [KWS+11]. **data-offloading** [IGHT15]. **Database** [HL98a, HA97, MD04]. **datacenter** [ZZZ+14]. **datacenters** [GLLJ16, SSWK13]. **datagram** [AC98, EAB01, WCH95]. **day** [LSM+14, WLC+10]. **DCF** [LLY+16, SD15b, ZTS11]. **DDoS** [FAB12, RSU+09, XY09b]. **DDoS-resilient** [RSU+09]. **DDoS-shield** [RSU+09]. **De-randomizing** [BV05b]. **Deadline** [YSZL15, ATB+10, AS02, FP97, LLLS07, LE12b, WLLZ16]. **Deadline-aware** [YSZL15]. **deadline-constrained** [LE12b]. **deadline-credit-based** [AS02]. **deadline-driven** [ATB+10]. **deadline-ordered** [FP97]. **deadlines** [HR95, MKS16, ZB95]. **deadlock** [IZC00]. **deadlocks** [KGL03, MG95]. **Decentralized** [CN10a, DPR06, DBL13, HK14, MAN15, AVPG14, LCM04, LYRL07, LDGL13, ST09, YKZ+13]. **Decentralizing** [MVCS16]. **decision** [AS94, ACR12, RV01]. **decision-supporting** [ACR12]. **decisions** [ZZG+16]. **Declarative** [LCL+12b]. **decodable** [SV15]. **Decomposition** [APSG14, JK15, ES05, GT03, LWL04, SAM10, TK12, YDS06a, ZRP00]. **decoupled** [RYS12]. **dedicated** [LW13]. **deep** [ARS16, BAC12]. **Defending** [LWL+11, YLLY05, YKGF08]. **Defense** [WJS07, AC09, CLSS09, YGKX10]. **deficit** [KWJY16, LMS04a, SNS12, SV96]. **deficit-based** [SNS12]. **defined** [HA16, LNL+16]. **defining** [CWSB05].

definitions [TG97]. **deflection** [BBFG95, BP96, CFC01, Lie97, PYL99, VL99]. **Degenerate** [LSMS06]. **degradation** [LD95]. **degradations** [VC12]. **Degraded** [VWT+14]. **degree** [OR11, ZSCJ14]. **Déjà** [SPGM13]. **Delay** [BBC+02, CFG08, DV09, FZ16, FqL98, GS10b, GS11, ITSO01, JK96, JJS13a, KLE16, LSS+13, LK16b, Liu10, MMT16, MNR03, McM95, Nee09, Nee13, SBD11, SMS07, SH14, WHW+11, XL95, XE13, ZS03, ZKL07, AB05, AWKN16, AD11, AABD13, ALMR14, BBG11, BO00, BS15, BLS07, BBM+10, BSS+11a, BSS11b, BWS10, CZF+16, CS99a, ÇM15, CLC+01, CU95a, CCL09, CFM+09, CS14, CMGL11, CK09, CYL16, DSR02, DL04, EMPS06, FP95, FSM14, GS13, GIKK11, GCS06b, HPV09, Hou15, HL05, HMM11, HMNK13, HLW13, HL15, HKT95, JR14, JGLS14, JGS+15, Jia98, JS14, KR00, KLSS10, KLS11a, KCB03, KK03b, KCCM16, KS98, LM97, LS97a, LL98, LDK13, LLY01, LM01, LLE16, LK14, LWF96, LZC09, LHC05, LSMS06, LJNK12, LWR15, LDHT02, LLS09, LNC04, MJ15, MH97, NMC07, Nee08, NTS12, ORS93b, PZGLA98, PPSV13, Pil01]. **delay** [RMM99, RS00, RZZ06, SSM03, SAKS13, Smi08, SV15, SS05, TS08, TG97, UN11, WMS09, WVG12, WDCL15, WH97, WKZL96, XL05, YW11, YCV15, ZS04, ZNN+10, ZW14, ZM04]. **delay-aware** [YCV15]. **delay-bandwidth** [LNC04]. **Delay-based** [JJS13a, MNR03, Nee13, BSS+11a]. **delay-boundary** [LM01]. **delay-bounded** [HL05, Jia98, Pil01]. **delay-capacity** [LSMS06]. **delay-constrained** [Hou15, PZGLA98, RMM99, RS00]. **delay-endurable** [YW11]. **delay-friendliness** [BBM+10]. **Delay-guaranteed** [XE13]. **Delay-independent** [ZKL07]. **Delay-optimal** [SBD11]. **delay-power** [BBG11]. **delay-sensitive** [KLS11a, LL98]. **delay-throughput** [CMGL11]. **Delay-tolerant** [LSS+13, AD11, AABD13, BWS10, CS14, SAKS13, UN11, WMS09]. **Delayed** [LABJ01]. **Delays** [TSS14, BR06, BLC11, CAH08, JT01, LKC+13, RLA06, SBP03, Tia05, YDS06b]. **deliver** [LLY+13]. **Delivering** [CS99a, GZT03]. **Delivery** [KCM16, BCMR04, CF98, DLH+14, LQ13, MOR13, RKNS10, SD15a, TYLH09, ZWDS00]. **delivery-guaranteed** [TYLH09]. **deluge** [TRKN12]. **Demand** [AJ06, CN16, NST+16, SJ10, AF99, BK06, DYX12, LZW+15, MEVSS03, MW05, PWMC12, PL02, TM13, ZEV07a, ZEV07b]. **Demand-aware** [SJ10]. **demands** [AC06, CAQ07, FGL+01, MG97a, YNDM09, ZBA16]. **demultiplexer** [BKH+93]. **demultiplexer/descrambler** [BKH+93]. **Demystifying** [LL13]. **Denial** [AAS14, AHK08, KK06a, YLLY05]. **Denial-of-service** [AAS14, YLLY05]. **dense** [GMP13, OGLK14]. **Density** [LMP08, AGLM10, ZW14]. **Density-based** [LMP08]. **departure** [CLC+01]. **departures** [LBS11]. **dependability** [WLS97]. **dependable** [GPM03, MMS01]. **dependence** [GB99, HL96b, RVA00]. **dependencies** [HSPH09]. **dependent** [CLW95, CKR93, CNP13, ENW96, LB04, PT00, RS12, SD00, THBR14]. **Deployed** [DYW+16, WY06]. **Deploying** [BDHR10]. **Deployment** [DLLL16, CFD06, HPR06, LC97, SHZ16, SLO+14, TBV+13, YBX+10, YBX+12, ZSK12]. **deployments** [Kuc14]. **derived** [Pax94]. **Deriving** [FGL+01]. **Describing** [LBFE09]. **Description** [MVCS16]. **descriptor** [DK98]. **descriptors** [RB95]. **Design** [AMI+07, AKS96, ACCF12, AOM04, BCL10, BI00, BLB10, CC95, CC96, FML09, GYB+04, GJVZ06, HLS+14b, ILS97, JCJ95, JIN+12, KNP05, Kim94, KH15, KS01b, LLD96, PCW+16, SK10a, SK11, SZG+13,

SG94, WY95, WXW11, ZL16, AIN+15, AM16, APSKPMGM12, BFM+96, BO07b, BJY11, BPK+10, BL94, ÇY07, CLM99, CLD10, CJV16, CDM93, DJ16, ES96, FCA+06, FLC09, FCT03, GMP13, GW94, Geo08, GS98, Gro99, GBL12, HD07, JLM15, KR99, KH07, LA95b, LLY+16, LY94, LYC11, LZXF14, LLE15b, LLE16, LW13, LÜ14, MOZ05, MGR02, Med95, MMR96, NL16, NOF14, OR11, PDE08, PWHL16, RP06, Ros05, RW96, SGSB+15, SL14, SHZ16, SK12b, SPB16, SV98c, SD15b, SSR+11, Tia05, TMP07, TAB+15, VLMN09, WC08, WXR13, WYH10, YFB02, YOY97, ZLLY03]. **designer** [LO99]. **Designing** [BQ08, IKM08, LP07, MPL09, MBRM96]. **designs** [KS13, PPV12, RGG11, TdWC+94, ZQ99]. **destination** [AQJRS16, CLS07, LTY06, ZVN99]. **destination-controlled** [AQJRS16]. **destinations** [SAKS13]. **destructive** [BB96]. **detect** [KKS+08]. **detectable** [LHC+16]. **Detecting** [DPMK11, LLW+09, RHMF16, RKT02a, TLP+16, YRRR12, KR08, LBP+16, ZZH+10]. **Detection** [CDH+10, ARK09, ACCF12, BAC12, BBHHR10, CRB09, CH11, DLL+11, FCA+06, Far95, Fel95, FJ93, FAB12, KLZ12, KSV07, LG13a, LZL+14, LS05b, LCQL14, McA94, OÇ10, PS09, RLP06, RCOC03, SG94, TMH11, Tre11, WS93, XY09a, ZY16, ZGTG05]. **determination** [BSH+11]. **Deterministic** [Kim98, TC06, WKZL96, BCB99, CZFF98, GK16, KS98, RK06]. **detour** [LXY+14]. **detours** [DFGV11]. **deviation** [PPV12, VR13]. **deviation-proof** [PPV12]. **deviations** [PS09]. **Device** [ACC+14, KCM16, HQW+16]. **device-free** [HQW+16]. **Device-to-Device** [KCM16]. **devices** [BBHHR10, SGSB+15, ZS13]. **DFAs** [FDG+11]. **DFL** [ZZZ+14]. **DHT** [SENB09]. **DHTs** [YKGK13]. **DHTTP** [RW04]. **Diagnosis** [LC94a, LLL10, ZCB09]. **difference** [CAO11, DLT16, VRK09]. **differences** [CM05c]. **different** [BK06, SSM06]. **Differential** [FDG+11, SG13, HMM11, MGG+05]. **Differentiated** [FT06, SJ12, CZ06, DTM15, DSR02, FK99, JJ08, LLY01, LC04b, LLY09, PILR05, WXBZ04, YR01, ZZZ+07]. **differentiated-services** [FK99, PILR05]. **differentiation** [CCV03, CHM+05, CLS07, CAL09, DSR02, LH14, MLLY06]. **Difficulties** [FP01]. **DiffServ** [dOSAU04]. **DiffServ-aware** [dOSAU04]. **diffusing** [GLA93]. **Diffusion** [AC16, JKJ13, IGE+03, SA05]. **Digital** [WL99]. **digraphs** [LZ13]. **dilated** [AMKY99]. **dimension** [KBS12]. **dimensional** [AS07a, AS07b, CLL+14, LS94, LQ13, LPF12, LWT+15, LS05b, WLCC07]. **Dimensioning** [BK00, GL93, NS03, DBDJ14, KT11, LBRA05, LY94, MV09, MG97b]. **DiR** [FT06]. **direct** [CKV11, DG01, LC97]. **Directed** [HR14, IGE+03, AS01, CYG+14, CER12]. **directional** [LZF09, SMM11]. **directory** [Bar95, GRB09]. **disasters** [NZCM11]. **discard** [Rum93]. **discarding** [Kam96, KqL99]. **Discharging** [CCKK16]. **discipline** [FP95, Mil98]. **disciplines** [FP97, LMS04b, She95]. **disclosure** [FSH+13]. **discontinuity** [MMH+15]. **Discount** [HLZ+14]. **discover** [SA04]. **discovered** [SQ12]. **discovering** [HSFK09]. **discovery** [Bej09, BGJ+04, CK11, EDBN12, GB10, LL13, MWC16, NSW11, SNXT13, VAGT13]. **discrete** [HS03, qLH93b, LMS99, XC08]. **discrete-time** [HS03, LMS99]. **disjoint** [GR16, JRY09, TKI+15, XCX+06, XGF+14]. **dispatching** [OJRCC02]. **DisPath** [ABK15]. **dispersion** [CFS11, DRM04, LZ06]. **Disruption** [HK14, GLZC12, ZNK+13].

Disruption-Tolerant [HK14, GLZC12, ZNK+13]. **disseminating** [SB07]. **dissemination** [CHLS07, FGM+13, HLX+15, KG10, STQ13, SX10, VGKG10]. **Distance** [QL16a, FJJ+01, LWL+11, LH03, LDGL13, ST08]. **distance-based** [LH03]. **Distanceless** [DLLL16]. **distances** [LCW05, ST04]. **distinct** [LS93b]. **distinction** [QTWW16]. **distinguishing** [UZ93]. **Distortion** [FHSZ13, CC06, PSK+15]. **Distortion-aware** [FHSZ13]. **distortion-resistant** [PSK+15]. **Distributed** [BBG11, BV96, BGK97, BGK+16, BL04, BZM08, BSS09, CT01, CMP16, CJZS14, CL16b, EOSM10, GYSPR14, GMYP16, HZC07, HRCW08, Hu93, JC13, JLRS16, KK07, KDYV12, KR05, LMD16, LLY06, LMR07, LHZ+16, LR09, MG97a, NM09, Nee16a, QZZ+13, RS97a, RSZ04, RSR10, SLO+14, TZP+10, WSW12, XY10a, XSC01, YWK07, YJZW15, AK01, AS08, BRM+13, BM09, BGSSW13, CLC+01, CS14, CHLS07, DC13, DPR06, EAB01, EDM16, FLMM10, GM00, GMS16, GL10, GLS09, GBC+95, HG14, HL05, Jia98, JW10, JW11, JLX+16, KV96, KBS11, Kri14, Kuc14, LNB00, LWKD03, LHB+05, LLS10, LSXS16, LPCVC13, LXC05, MDL07, MOR13, MRM99, MD04, MBC+94, MPL09, MSP+07, MLS12, MV14, OAN15, PDE08, Pil01, QSS+15, RJCE06, RGKS10, RS00, RSB01, SAS16a, ST05, SG13, SKR+09, SNS12, WL08, WTS+13, WWL+15, XY10b, XC08]. **distributed** [XLZC14, XME15, YLLY05, YAA09, ZGG05, ZKL07, ZT12, ZSCJ14, ZCW15, ZLW16, ZHLL06, vDP93]. **Distribution** [LH07, ACR12, AJF11, BGH+95, ÇY07, FHT+10, FC99, KLC15, LL95, LY94, LMW16, MP08, SLP07, SJ10, SYJ09, TG97, VAS00, WVG12]. **distributions** [CT95, DLT05, FCL97, LDHT02, LGD+10]. **distributors** [NWP09]. **Diverse** [LML10, CS99a, CS99b, hCgKsYwT96, LGGZ10, ZKH10, SYR05]. **diversity** [AK14, BNJ16, FGK10, HSH+06, IK09, SKRK12, TW10]. **divide** [CJV16]. **division** [CJW11, FT06, SYP01, Tha04]. **DMFSGD** [LDGL13]. **DNS** [GYJ+16, JSBM02, KSG11, YRRR12]. **do** [HLS14a, SSFM08, TMH97]. **Does** [YASS15]. **domain** [CE09, CBL13, CBL15, Jia06, cLqL97, LJC05, MJ01, RVS+02, YRRR12, YCB07]. **domain-based** [RVS+02]. **domain-flux** [YRRR12]. **dominant** [ES03, WWTK11]. **DoS-limiting** [YWA08]. **Double** [DRQ+16, SZG09, CKS16, CSC04, IGHT15, LT94a, PT94]. **double-auction** [IGHT15]. **double-link** [CSC04]. **double-loop** [PT94]. **Downlink** [LPKF10, LMS05a, OES16, BSYS12, CK10b, LMS06, OY13, RP13, WKWV16]. **downlinks** [Nee08]. **download** [CE08]. **Downloading** [WN16]. **downstream** [LT95]. **DozyAP** [HLS+14b]. **DQDB** [CMM95, HL98b, Sha97]. **Drafting** [SCKB09]. **DRAM** [WZLX12]. **DRAM-based** [WZLX12]. **drifts** [KMH12]. **driven** [ATB+10, BOY00, BPK+10, CC06, GLAMM11, LGS09, MR09, MGK12, MOY00, PV04, PBKG11, RSS09, RHQZ13, SK12b, VNS02, WZL+13]. **Drop** [RMPG16, HGG06, TRKN12]. **Drop-Tail** [RMPG16]. **dropping** [CLA07, KCB03]. **drops** [CCKK16]. **DSA** [STKL01]. **DSASync** [KS12]. **DTN** [BCL10, CS15, PS15, WBP+11]. **DTN-FLOW** [CS15]. **DTN-meteo** [PS15]. **DTNs** [BLV10, CS15]. **DTRAB** [FTV+10]. **DTRACK** [CTVD14]. **Dual** [RC08, SCR08, KRKH10, LGW+11, NSS96, SS93, Voi07, SS94a]. **Dual-link** [RC08, KRKH10]. **Dual-resource** [SCR08]. **duality** [Low03]. **duct** [ZOM03]. **duct-layer** [ZOM03]. **due** [Lee96]. **duplex**

[ZG14]. **Duplicate** [LHC+16]. **duration** [MS14]. **durations** [LH07]. **during** [FB07, Rum93, RS95b, SJL+16, SDV06, THP94]. **Duty** [HLL13, BGK+16, CHML15, GTS+09, HLX+15, KWCR10, LHC+16, ODC+16]. **duty-cycle** [KWCR10]. **Duty-cycle-aware** [HLL13]. **duty-cycled** [HLX+15, LHC+16, ODC+16]. **duty-cycling** [GTS+09]. **DVB** [RLZ10]. **DVSR** [GYB+04]. **Dynamic** [BLEM+12, CCG00, CSS06, CZ06, CTG00, CH98, CL05, DRQ+16, FSM14, GKT93, GLG04, HC02, HS14, HS16, HA97, JVJ05, KKJ06, KL03, LMG04, LS99, LC04b, LWAT13, LLL+16, RB02, RKPP16, SMG05a, SKE16, STKL01, SZW+16, TSR14, VGP14, Wil96, AKA10, AC98, CAQ07, CZ12, CKL16, CDI+04, CJ14, CCLT02, Con11, CDS02, CYL16, DC13, DT93, DRJ+14, EFK07, GM03, GSKR99, HKLS12, HLG94, IS00, JJ08, KD10, KEAAH08, KZDM07, KS12, LT02, LLY06, LYWL08, LKL00, LCL+13b, LPP11, MSWL06, MR98, MG97b, MJ13, MR96, MW06, NST00, NST01, NM06, NXTY10, PWK+13, RMM99, RRG10, RD11b, SMG06, SC09, SLG+16, Sob05, STQ13, SNC+07, SC10, fTL06, WRS+15, WWL02, WXW11, WLZ11, Xin07, YG10, ZKL11, ZHC16, LRJ08]. **Dynamically** [VG04, Med95]. **Dynamics** [JK05, RZS14, EML12, HLP11, JD03, JKJ13, JBR16, LS05a, LYS11, Pax99, SJGH10, SLD14, TAJ+10].

early [FJ93, KKM+97, ZGTG05]. **EASE** [GV06]. **easy** [ABK15, WBEGS05]. **Easy-pass** [WBEGS05]. **eavesdropping** [YSJL14]. **echo** [TdWC+94]. **ECN** [KS03]. **Economic** [CW12, MLM15, SC09]. **Economics** [SS06, MCL+10, WL10]. **ecosystem** [DD11, MLM15]. **EDAL** [YCV15]. **EDCA** [TB10]. **EDF** [FKT98]. **edge** [CHM+05, CC06, FCA+06, GR16, MFB99, NKS08, WBEGS05]. **edge-based** [FCA+06]. **edge-independent** [GR16]. **edge-redundant** [MFB99]. **Editorial** [Amm02, Amm03, Tow06b, Zeg03b, Zeg03a, Zeg04, Zeg05a, Zeg05b]. **Effect** [LWR+16, CT04b, LZ06, SBP03]. **Effective** [BW98, EM93, FZ16, KWC93, BWS10, CR14, DZNT14, GNP+13, GRS00, LPIH11, LBL07, LGW+11, SHZ16, SL08, ZQ99, ZQ00]. **effective-bandwidth-based** [SL08]. **effectiveness** [CN08, JSBM02, KYY+12, SKT96]. **Effects** [KA98, VC14, BB96, CJ14, ECN09, KV98, KVR98, Kop96, LAJS07, LTZ08, MK10, PL02, Rum93]. **efficacy** [KGGZ11, YMKC08]. **Efficiency** [JSZ14, WLC16, BTC05, DHSS14, HLX+15, JR14, JP13, JWSLC13, LNS11, LMS04b, MRHWS14, PFC96, PT10, SS94a, SL07a, SL12, SS03, VHvdH01]. **Efficient** [ACR12, BCN02, Bej04, BSNI06, BKTN03, CSLH13, CM05b, CZZY12, CZM14, CCA96, CLL+14, CG15a, EDBN12, FRC98, FKT98, FWL08, GW94, GQ16, GGPS96, GCZ98, GP98, HAGL16, JYC+16, KWH11, LWKD03, LCL13a, LORS06, MPF+15, ME96, MMS01, Nai97, NSS96, NXTY10, NSCR06, PMH95, PP02, SK03, SV96, SKHL12, SPR08b, SPR08a, SV98a, VAGT13, WF93a, WL08, WCAB15, XLWT12, ZPCS11, AB09, AS02, BCL10, BO07b, Bej09, BK06, BIS00, BBL95, BSP07, CDO97, CRV13, CHCH00, CLM+16, CFC01, CK10b, DT93, DM96, EH11, FMD13, GTS+09, GS10a, GKT97, GV06, GPM03, GBL12, GZDG06, HLS+14b, HKLM07, Hos98, IKDD15, KVF+12, LLLS07, LSW15, LLW+12, LWCY12, LSZW13, LXY+14, LS97b, LR09, LCZC13, LSXS16, LQCC16, Pad95, PPPW05, QS04, RW04, RSS09, RSSZ13, RKNS10, SLP07, SFAS05]. **efficient** [SA01a, SLL15, SLH+06, SYJ09, TKN06, UBPE02, VL97, VG04, WMS09, XLR13, XLZC14, YCV15, ZM09, ZBA16, ZL14, ZZHZ13]. **Efficiently** [CDI+04, KL09]. **effort**

[CF98, KL07, PWK+13, SL08, YD04]. **egress** [TGRR07]. **eICIC** [DMMS14]. **elastic** [AS14, AK01, BK00, FT07, JS11, LA02, Low00, NDGL06, YWK07, DKL01]. **election** [RSZ04]. **electronic** [TZZ+14]. **elements** [LL95]. **elephants** [MGG+05, MK10]. **eliminating** [SPGM13]. **elimination** [HKCL13, LCW+15]. **embedded** [HW99]. **embedded-processor** [HW99]. **Embedding** [AM16, QL16a, VLM16, BO03, CRB12, EDM16, JK15, LZSS10, QM99, ST04, ST08, SZL+14]. **emerging** [KR05]. **empirical** [CBAT06, PFTK00, PS09, WK13]. **Empirically** [Pax94]. **Employing** [ZBXH13, IZC00, QY12]. **emulation** [SZT01]. **en-route** [YG10]. **enable** [AB07]. **enabled** [YZP+14]. **Enabling** [DLLL16, Kuc14, WJYL16, AB09, BRM+13, PPPW05, SLC+07]. **encoded** [HH10b]. **encoder** [LS03b]. **encoding** [CSLH13, FDG+11, LSB06, TNF97]. **encodings** [RKH+16]. **encounter** [AWKN16, GV06]. **encounter-based** [AWKN16]. **encrypted** [FTV+10]. **encryption** [ASW00]. **End** [BO00, CCV03, DCGN03, FZ16, JD03, JT01, KLOS11, KS03, LR03, MLC07, Pax97, Pax99, SS05, CZFF98, CBL06a, DL04, FK99, FF99, HGE04, IAS06, Kam96, KS12, KK06b, LT02, LK02, LE12b, MHL+14, MW00, MK10, MK98, NXTY10, Ord99, RKT02a, SZKT98, SKKA01, TWL06, WVG12, XYLL14, YL98, ZWDS00, ZCB09, ZL16, ZM04]. **end-consumers** [XYLL14]. **end-of-packet** [Kam96]. **end-point** [KK06b, MK10]. **End-to-End** [FZ16, BO00, CCV03, DCGN03, JD03, JT01, KLOS11, KS03, LR03, MLC07, Pax97, Pax99, SS05, CZFF98, CBL06a, DL04, FK99, FF99, HGE04, IAS06, KS12, LT02, LK02, LE12b, MHL+14, MW00, MK98, NXTY10, Ord99, RKT02a, SZKT98, SKKA01, TWL06, WVG12, ZWDS00, ZCB09, ZL16, ZM04]. **endpoint** [GKPS06]. **endpoints** [TRKN10]. **endurable** [YW11]. **Energy** [ACC+14, CPR99, DHSS14, EH11, GYSPR14, IKDD15, JYC+16, Nee16b, SLP07, SZL+14, TPC09, UBPE02, ZBA16, AIN+15, BD07, BTC05, BCL10, CLP12, CFM13, CSSJ14, CMN12, CK09, FMT03, HLL13, HLX+15, HA16, HH10b, HN13, KWCR10, KE16, KD10, KLS11a, KCCM16, LWCY12, LSZW13, LXY+14, LHZ+16, LSS07, LLS10, LFZS11, LCQL14, MCLG07, RPF+14, SGSB+15, SS09, SL12, SHN16, SK13, TSR14, UN11, VGP14, WMS09, XLR13, XSHS12, XSH+15, YCV15, ZM09, ZH08b]. **Energy-Aware** [Nee16b, SZL+14, LSS07]. **Energy-conserving** [CPR99]. **energy-constrained** [HH10b, KLS11a, MCLG07]. **Energy-Efficient** [JYC+16, EH11, IKDD15, UBPE02, ZBA16, BCL10, LWCY12, LSZW13, LXY+14, WMS09, XLR13, YCV15, ZM09]. **energy-harvesting** [HN13, KE16, SK13, TSR14, VGP14]. **energy-renewal** [XSHS12]. **Energy-robustness** [TPC09]. **energy-time** [LCQL14]. **Enforcement** [ABS+16, LS97a]. **enforcing** [SBNRS14]. **engine** [PES+12, Kai93]. **Engineering** [LRG10, CN09, DJ12, HL96b, LCM04, MW05, MLC07, SHHA09, SAM10, SGD05, XCR11, XCR15, dOSAU04]. **Engines** [BBCD14, BN05]. **enhance** [BJ15, FGM+13, KVR02]. **Enhanced** [DMMS14, GM00, MR96]. **enhancement** [AWKN16, KT06, ML06]. **enhancements** [ZRK06]. **Enhancing** [ABA+16, CLA07, CYL16, FDG+10, PD16, YD04, ZXTT08, ZT12]. **enough** [XSSK08]. **enqueueing** [HLG94]. **ensure** [SNS12]. **Ensuring** [CMP+14, Smi95, ZLSK15]. **enterprise** [AYS+13, CFP+09, CG04, SSR+11]. **Entropy** [HCL09, CKKK09, RTK+16].

Entry [RPV13]. **enumeration** [WYH10]. **envelope** [LK14]. **envelopes** [FKT98, QK01]. **Environment** [CL16a, AEJV13, CS99a, LC96, LS97c, RD11a]. **environmental** [LFZS11]. **environments** [AK00, CK10a, JL12b, LTB04, LPP11, QYZS06, SCY15, STQ13]. **Epidemic** [KG10, SSV13, VGKG10]. **Epidemic-based** [KG10]. **epidemic-style** [VGKG10]. **epidemics** [EKSV16, KK16]. **EPONs** [SC10]. **equal** [HJL+12]. **equalization** [YTL12]. **equation** [DW11, RX07, VL05]. **equation-based** [RX07, VL05]. **equations** [MGG+05]. **equilibria** [IW08]. **Equilibrium** [Low00, RKPP16, TWLC07, TWLC10, ALW09, MS08, SRP+11]. **equivalence** [CDS02]. **Equivalent** [SYP01, DJM97, YDS06a]. **Erasure** [XLAC16, AGGT16, BDS07, DPR06, NSS96, YS15]. **Erasure-Coded** [XLAC16]. **ERICA** [KJF+00]. **Erlang** [MM94]. **Erratum** [SK11]. **Error** [PSA96, VNS02, VA09, BBM93, BMB+11, BBHHR10, CLM99, CZZY12, Far95, Fel95, GP96b, KEY99, LNB00, LESZ98, McA94, RW93, SG94, SCY08]. **error-controlled** [BBM93]. **errors** [HJL+12]. **ESM** [LLW+12]. **essential** [CZC+13]. **establishment** [CGS93, EST93, HMvdLM07, LXC05, MRM99, RS08, TWL05]. **estimated** [OMA+10]. **estimates** [LWR15, ZVN99]. **Estimating** [DLT05, GTS+09, GMWD13, MG16, SNC+07, ZRLD05, CZZY12, LZ13, ZDR04]. **Estimation** [BLCT97, MVCS16, CDS02, DMS06, DRM04, DJM97, ES03, FJJ+01, GSN+16, GCS06b, HKLM07, JHR05, LDK12, LPIH11, LAN97, LWCY12, LTY06, LFV10, LRL07, LRL08, LWR+16, LFL14, MR98, ODT09, PV04, RVA00, SL15a, ST08, TC06, WF93a, WYL09, WTXT11, ZKH10, ZL14]. **estimator** [Val01, VG05, YLCP11]. **Ethernet** [BSH+11, Bej09, ECN09, GB10, JRL15, LTWW94, NM06, QL16b, QGCL11, WTSW97]. **Euclidean** [LZSS10, ST04]. **EV** [TZZ+14]. **EV-Loc** [TZZ+14]. **evacuation** [GPLT15, Tas99]. **evaluate** [LMS99]. **Evaluating** [DM95, SRS01, Zeg95, LNA07]. **Evaluation** [AMKY99, CRB09, AC06, ASSK13, BIV01, BLPS10, BP96, BD96, CK10a, CAK12, CHA95, CBSK07, CZCC14, DM14, EF08, FSH+13, GS97, HLS+14b, JCJ95, LLY+16, LLY01, LC04a, LLS07, LS03b, LNR94, MW98, PP93a, RLKT98, RLZ10, TYJ16, WM96, YFB02, YMKC08, ZR09]. **Event** [AA05, EPB14, WZL+13]. **event-driven** [WZL+13]. **Event-to-sink** [AA05]. **events** [JBDF07, SJL+16, Ste08]. **eviction** [PP02]. **evidence** [CB97]. **Evolution** [MLM15, OGLK14, Cha10, CG04, DD11, EKD12, GCM+16, WL10]. **evolutionary** [ACP05]. **Exact** [BS15, LWF96, LÜ14, Val07, HXLZ11, VK04]. **example** [CSEZ93]. **examples** [CSMW02]. **excess** [DSTM12, DTM15, HGG06]. **exchange** [FHH10, IBM95, Lie97, OdG97]. **exchanges** [AJF11]. **exclusion** [RC08]. **execution** [GZDG06, WF93b]. **existence** [TWLC07]. **existing** [Far95, McA94]. **exit** [LMSKZ99, MSWL06]. **expandable** [TYL94]. **expected** [BQ08]. **expedited** [BBC+02, Jia06]. **experience** [FGL+01, Kar06, TBV+13]. **Experiences** [HKV+13, BFM+96]. **Experimental** [ENW96, LLS07, PP93a, BKH+93, CK10a, CAK12, FSH+13, HJL+12, KS13, LGD+10, TAB+15, TYP+15]. **experimentation** [BCL10, Mar96]. **experiments** [CRB09, DYH13]. **Explicit** [CF98, KVR02, SDW00, CRL96, CLK01, CBLVW06, DRR98, GM00, KK05, KR99, LMR99, LAJS07, LP07, SBP03, SL08]. **explicit-rate** [LMR99]. **exploit** [HSH+06, SKRK12]. **Exploiting** [AK14, BJ15, CKS16, CPGZ15, DSTM12,

DTM15, KNR+16, MSA+16, NST+16, TXL+12, WHM+13, PD07]. **Exploration** [NG16, AIN+15, OZPZ09]. **Exploring** [AG16, LE12a, VFBD11, WXR13]. **explosion** [PLT14]. **Exponential** [LBS05b, TSS14, CE09, CFM13, KSM05, YS93]. **Exponential-RED** [LBS05b]. **exposed** [VJV14]. **express** [MG97a]. **Expression** [LT16, MPN+14, BAC12, FDG+11, PLT14]. **expressive** [KNR+16]. **expressiveness** [FJB07]. **Extend** [CH15]. **extended** [AKS96, HS03, LTWW94, SKT96]. **Extending** [WSC08]. **extensible** [BWH+07]. **extension** [DW11, MBC+94, PFC96]. **externalities** [ST09]. **externalities-based** [ST09]. **extra** [SYP01]. **extra-stage** [SYP01]. **extracting** [DJ14]. **extraction** [BDWS12]. **eyeball** [MCL+11].

fabrics [AMI+07, CTH10, WYHL09]. **Face** [CN16, LLNC09]. **Facebook** [RHMF16]. **facility** [KNP05, LGD+10, VL97]. **Factor** [WW16, AdE07]. **factorization** [LDGL13]. **fading** [AK00, AZLB16, ESP05, Hou14, JLRS16, OES16, RGG11, Tan16, ZKH10, ZAS12]. **failure** [ARK09, ARK11, BTH11, GS98, LYRL07, LJ09, MJ13, MLC07, PF95, RC08, Ste08, TWHR11, THRW12, THBR14, XGF+14]. **failure-independent** [MJ13]. **failures** [AEG+13, BKLS08, BFF07, CSC04, JRY09, JLM15, KRLL11, KRKH10, LML10, LLM11a, MIB+08, NAA+16, NLY+07, WQGW09]. **Fair** [CM03, CL15, DM96, ES07, GLLJ16, KAEAS14, LBS99, MW00, ST05, AS08, BZ97, BTC01, BI00, BSS+11a, CGEN98, DS04, GYB+04, GGC93, GVC97, HG14, JS11, KV96, LLE15a, LM96, LFZS11, LCZC13, MSA+16, MV14, NDGL06, PLR15, PCL15, RSSZ13, SV96, SV98a, SV98c, SZN00, SSZ03, TKN06, Val07, WCAB15, YXF+13, YLLY05]. **Fair-efficient** [DM96]. **Fairness** [BHL07, JSZ14, LWC+14, NML08, AVS04, ALW09, AWFT15, BB06, BS97, BS09, CY14, CGGS97, FP14, JZC11, JJL15, JWSLC13, KK93, KH15, LCS12, LMS04a, LPW14, Mar03, MOY00, MV16, PWDL05, RL07, RKT02b, SNS12, Smi95, SS03, WPL06, ZS05]. **fairness-efficiency** [JWSLC13]. **FairTorrent** [SNS12]. **false** [OÇ10]. **family** [BGH+95]. **farms** [RPF+14]. **FASA** [WZL+13]. **Fast** [And04, BN05, CCF04, Con11, Fel95, GSN+16, GGK99, HKLM07, HKLS12, KRKH10, LBRA05, LLWB16, LK14, LT16, MBL10, MPN+14, NLY+07, SL15a, TCS13, WQZ+13, ZL13b, AA93, AB07, ABK15, BKLS08, CM93, CSS08, CL08, CG15b, FHH10, FDG+11, GIKK11, GR16, HLZ+14, KLS09a, KHČ+09, LTY06, LXX+14, MPL09, WL08, WY95, WXW11, WJLH06]. **Faster** [ZXTT08, PP93b]. **fat** [YNDM09]. **fat-tree** [YNDM09]. **Fault** [Ban99, WS93, AA96, BDHR10, HIM07, HK94, KS95, LCW05, MP94, Pad95, PT94, RCOC03, SS09, SS04b, WKA+13, WMYR16, ZZZ+14]. **fault-tolerance** [AA96]. **fault-tolerant** [HIM07, Pad95, SS09, WKA+13, WMYR16]. **faults** [BR06, LC94a]. **fBm** [JBDF07]. **FDDI** [RW95, WLS97]. **FDQ** [KV96]. **feasibility** [BSS14, BE06, CGMS13, CZZY12, JJ08, KGGZ11, RCGS09, SSWK13, SPGM13]. **feasible** [FUDA03, ZLM16]. **featherlight** [YW11]. **feature** [FTV+10, LS93a, ZWO+96]. **feature-rich** [LS93a]. **FEBA** [CAL09]. **FEC** [AJDH01, CGK10, KL07, YMKC08]. **FEC/ARQ** [CGK10]. **federation** [LWLL16]. **feed** [BS15, RVB12]. **feed-forward** [BS15, RVB12]. **Feedback** [BM93, BCGM07, HY10, AGGT16, BFMF01, CG15a, HP00, JJL15, KK05, KqL98, LMR99, LGS09, NB99, OY13, QAZ12, QS05, RR93, SSM03, SBP03, XAST12, ZLS96, ZS03].

Feedback-based [BCGM07, HY10]. **feedback-driven** [LGS09]. **feedback-synchronization** [ZS03]. **femtocell** [RPV13, WKWV16]. **femtocells** [AYS+13]. **Festive** [JSZ14]. **Fi** [HLS+14b, JYC+16]. **fiber** [CR98, CLG+00a, LS97b, NZCM11]. **fiber-coax** [CLG+00a]. **fiber/coax** [LS97b]. **fibers** [SML04]. **fidelity** [LDK13, XLR13]. **field** [BCL10, HTAZ16, SSV13, SH14]. **FIFO** [BS15, CCL06, LC03, SG96, VS97]. **FIFO-multiplexing** [BS15]. **File** [WN16, CE08, FLC09, LBS11, NAA+16, PLD16, SRS08]. **file-sharing** [PLD16, SRS08]. **files** [SKR+09]. **Filling** [HHSS16]. **filter** [AAS14, CAO11, RKK14, RK15, WLCC07, WXW11, GBL12]. **filterbank** [PWK+13]. **filtered** [LCH95]. **filtering** [BL15, CDRV11, KMH12, SAM12, TAB+15, WJS07, YG10]. **filters** [DKT06, FDG+10, HKLS12, LRC15, Mit02, RSR11]. **FINDERS** [YW11]. **Finding** [CM05c, SK12b, TKI+15, WXC16, XSZ+07, GLAM97, XCX+06]. **Fine** [BKLM06, FTZ+13, KHG+14, KLSV12]. **Fine-grained** [BKLM06, FTZ+13, KHG+14, KLSV12]. **FineComb** [LGKV14]. **Fingerprinting** [SNLL16]. **finishing** [HK96]. **finite** [AZ06a, CSC94, KS01a, LMS12, LRC15, LC94b, Nai97, SK13, XME15]. **finite-buffered** [LC94b]. **finite-state** [Nai97]. **FIPP** [MJ13, MJ13]. **FireCol** [FAB12]. **firewall** [CBL13]. **first** [CAO11, FqL98, GCM+16, KWJY16, LBX11, Mne08]. **first-difference** [CAO11]. **first-order** [FqL98]. **Fit** [YLCP11]. **fitting** [SC10]. **FiWi** [ALMR14]. **Fixed** [LB04, RKA08, RM02, URZ+14, KIR08, KAMG07, LSM+14, RrBG94]. **Fixed-alternate** [RM02]. **fixed-budget** [LSM+14]. **fixed-point** [KAMG07]. **flash** [CZCC14, RS05]. **FlashLinQ** [WTS+13]. **FlashTrie** [BLC12]. **flexibility** [CSS+14]. **Flexible** [Smi02, ATB+10, CCL09, DYH13, LC97, LJNK12, SQZ09, SAS+16c]. **flight** [MHRR12]. **flights** [LKC+13, TG09]. **flooding** [AC09, CL07, CHLS07, FAB12, WHM+13, ZZHZ13]. **Flow** [CG97, EPD94, ACOR99, AADS05, AdE07, BBM93, BFMF01, CM12, CqLL98, CS15, CLK01, CCKK16, Cob02, DLT05, FRC98, FK03, GSK08, GHK02, GS98, HKLM07, HCL09, HLZ+14, HLW13, JJS13b, Kar03, KL13, KLS03, KA95, LDK12, LDK13, qLP97, LCL12a, LM15, LYS11, LL99, MFL+04, MW98, MK98, NM09, Nee09, PG93, PG94a, PFC96, QS04, QS05, SDW00, TAJ+10, TMP07, WPL06, WLL13, WSMJ04, YF05, ZSSK02, ZS03, CS15]. **flow-based** [CqLL98]. **flow-level** [LDK12, LYS11]. **flow-switched** [FRC98]. **FlowMate** [YF05]. **flows** [BH05, CAK12, CZFF98, CGEN98, CNP13, DW11, DS04, DGK05, EVF06, FCA+06, GLMM04, Guo04, GMSK09, HZC07, HKB14, KKL03, LNB01, LEYS11, Lia06, NDGL06, NJW16, NCK15, RVV+15, RKT02a, SM14, TL06, WL99]. **fluctuation** [CH15]. **fluctuations** [LD95]. **fluid** [BBM93, EMPS06, LDH+12, RCGT06, TGT01]. **FluidNet** [SAS+16c]. **fluids** [KWC93]. **flux** [YRRR12]. **FMTCP** [CWW+15]. **folklore** [SMC02]. **Forecasting** [PCW+16, KZDM07, PS15]. **Forensic** [NSP+16]. **forensics** [CZM14]. **Forests** [HS14, WMFS10]. **forks** [SMH95]. **Formal** [SR02, KLNS93, LM13, LCH+06, WJZ+12]. **forms** [SG13]. **formulation** [BM00, CMN12, CSEZ93, KS01b, MHXT10]. **formulations** [WYH10]. **Forward** [AD11, BJ15, BS15, CD96, IK09, RS12, RVB12, SCY08, Tas96]. **ForwardDiffsig** [BAL10]. **forwarder** [SHHP00]. **forwarding** [AAS14, AAV09, BM09, BN05, BBC+02, CLP12, CHML15, CB11, EST93, Jia06, LHC+16, LS10, LCB+10, RTK+16, SMG05b, SAKS13, XCR11, XCR15]. **foundation** [LRL07, LRL08, SXLL08]. **foundations**

[NR98]. **fountain** [AD11, CWW+15]. **fractal** [TG09]. **fraction** [Lee96]. **fragment** [LNM+09]. **fragmentation** [NAA+16]. **fragmented** [SMC02]. **frame** [CFG08, DK98, SGSB+15]. **frames** [JMS08, WM16]. **Framework** [SZW+16, AW04, APB+13, BB06, CLS07, CYG+14, CL13, CAH08, DM96, DJM97, FJL+97, FLMM10, FNQ00, GS10a, GV97, GT99, GLSB08, HA16, HS03, HSFK09, JWSLC13, KS10, KH07, LK02, LZ13, LNA07, LWT+15, LCZC13, LMS04b, LMW16, MMR96, PSK+15, PILR05, RL07, RS08, RHC+12, RRR02, RL94, SPH04, SRS03, SRP+11, SC09, SLG+16, SQZ09, SS07, Tha01, WZR08, YMR00, YJ15, YKKY08, ZLC12, ZWTC16]. **framing** [FJL+97, MMC05]. **free** [GLAM97, GLA93, GBC+95, HQW+16, ILS97, JSuRKH03, KBS11, LL10, MJ14, PEA09, THBR14, VS97, YOY97]. **frequency** [KL95, cLqL97, qLP97, wTjCjC97, TYP+15, XL11a]. **frequency-based** [TYP+15]. **frequency-domain** [cLqL97]. **friendliness** [BBM+10]. **Friendly** [MRR+14, JGMB03, RW04]. **friends** [HLS14a]. **FSA** [RSR11]. **FSA-based** [RSR11]. **FSR** [WJZ+12]. **Full** [ABK15, BRM+13, SRS03, YBX+10, ZG14]. **full-length** [SRS03]. **fully** [PYL99, SN15]. **function** [CHH06, HH98, KLT15, LZ13, MDL07, OWMM97, UN11]. **functionality** [TEML09]. **Functions** [VLM16, BS08, FqL98, KS03, qLH93b, qLH93a, SGR13]. **Fundamental** [JJL15, KEW06, SH12, SD15b, WKZL96, XL05]. **fundamentals** [WPL06]. **Fusion** [LWR15, MVCS16, LWR+16, TXL+12]. **fuzzy** [BLCT97, CFPP96, CC96, CCL99, HP00, RrBG94]. **fuzzy-logic** [HP00].

G [DM15, KG05, YBG+12, YJ15]. **G-RCA** [YBG+12]. **G.826** [SS96]. **gain** [KA98, TW10, fTL06, YASS15]. **gains** [SJ95, SPGM13]. **Game** [RRS+14, BGSSW13, CSMW02, CLD10, CL16b, DJ12, DM96, FK13, GS16, GLLJ16, IW08, Kon06, KG05, LWT+15, MLLY06, MW06, NOF14, RSS09, SRP+11, She95, VT12, XC08, YMR00, YXF+13]. **game-theoretic** [BGSSW13, CL16b, DJ12, Kon06, NOF14, RSS09, She95, VT12, YXF+13]. **game-theoretical** [LWT+15]. **Games** [HHSS16, AKSS12, ACKZ14, CFS+10, cFCcFW05, GMS16, HTAZ16, Lia06, MRHWS14, SSA11, TLS+12]. **Gaming** [LLT+16, BLL07]. **gamma** [FNQ00, SRS03]. **gamma-based** [FNQ00, SRS03]. **gap** [HFC+13, ZSK12]. **gated** [SC10]. **gateway** [KLNS93, TL06]. **gateways** [FJ93, GQ16]. **gathering** [CBL06b, CBLVW06, FML09, LÜ14, SP94, WMFS10, ZHC16]. **Gaussian** [LLLT10, SL12, SKUB12]. **Gb** [HM06]. **Gb/s** [BLC12, HM06, PCB+98]. **Gb/s-based** [HM06]. **GBAR** [FNQ00, Hey97]. **GEM** [GMP13]. **GEMNET** [IBM95]. **GenePrint** [HQY+16]. **General** [WJYL16, BS08, CT95, EM93, FCL97, FqL98, GS10a, GGH11, GS10b, GBC+95, HS03, HW12, HGW+16, LS06c, PWDL05, SKZ03, SV98b, Tha04, YJZW15, ZBA16, FST+09]. **general-purpose** [GBC+95]. **Generalized** [Ali06, BMvU03, GV97, HC07, JYC+16, LWCY12, LM96, LJNK12, MBF+02, SSV13, AS07a, AS07b, IBM95, JMMT12, JAS10, JC13, Kar10, MMR09, NJW16, PG93, PG94a, SCP99, Ste08, Zeg95]. **generate** [FUDA03]. **generated** [CKR+09, YRRR12]. **Generating** [CDO97, ZAS12]. **generation** [AMI+07, ALMR14, DDPP00, DHSS14, KLNS93, MD04, MP93, MP94, Ram96, Ses97, THDD05, UZ93, VV09, VA07, WLC+10, ZKVM14]. **Generic** [KBS12, CGW+12, CK07, HQY+16, MP08, YBG+12, ZZZM03]. **genetic** [ES96, WC08].

Genus [WJYL16]. **geo** [JLX+16, WWL+15]. **geo-distributed** [JLX+16, WWL+15]. **geocasting** [LLNC09]. **Geographic** [LQ13, KWZ08, MHRR12, TK12, GMP13]. **geographical** [AEG+13, LLW+15]. **geolocation** [GZCF06]. **geometric** [BCGC15, NT00, SBDR08, TYJ16, WLL13]. **geometrically** [vDP93]. **georouting** [RKNS10]. **GHz** [SMM11]. **gigabit** [ALMR14]. **gigabit-class** [ALMR14]. **GIST** [FST+09]. **Global** [Cha10, NST+16, RLA06, YDS06b, FJJ+01, GR01, GYJ+16, LGC16, MD04, SMS07]. **globally** [AB05, BS08]. **go** [VS97, ZLSK15]. **goal** [RSS09, WC08]. **goal-driven** [RSS09]. **Google** [GCM+16, XYLL14]. **Googling** [TRKN10]. **GOP** [FNQ00]. **Gossip** [HHL06, BGPS06, DMC06]. **Gossip-based** [HHL06]. **GPRS** [DM03]. **GPS** [PDSK04, Val07, YTJQ05]. **GPUs** [ARS16]. **Graceful** [CMP+14, RZC11, CVM+15, SDV06]. **gradient** [TAH99]. **gradients** [CJH+11]. **grading** [CFS09]. **Gradually** [OMA+10]. **grained** [BKLM06, FTZ+13, KHG+14, KLSV12]. **granularities** [SSM06]. **granularity** [AD96]. **Graph** [LCW05, BCR+12, GDW+16, GSA15, MSS16, ST08, ZCD97, ZZZM03]. **graph-based** [ZCD97]. **Graph-theoretic** [LCW05, GSA15]. **graphical** [LJ09]. **Graphics** [LLT+16]. **graphlet** [HFC+13]. **Graphs** [WW16, AS01, CER12, JVY06, MFB99, SR94, TLS+12, WGL00, XWG14, ZZW+15]. **grating** [NPQ06]. **gray** [CSLH13]. **gray-code-based** [CSLH13]. **greed** [She95]. **Greedy** [QL16a, TK12, WJYL16, WW16, BCR+12, JGS+15, JLRS16, LNS11, SKUB12, JLS09]. **Green** [BBCD14, LZ13]. **Greener** [ACC+14]. **Greening** [LLW+15]. **grid** [Tod94]. **grids** [DBDJ14]. **grids/clouds** [DBDJ14]. **grooming** [BBMELH08, CRD08, GRS00, RS04, SK10a, SK12a, Xin07, ZQ00, ZZZM03, SK11]. **Group** [LX97, QJZ+16, AGKK03, BOY00, BO03, LNC93, MW98, ODT09, SYR05, SL07b, WGL00, ZLLY03]. **groups** [ACR12, BKTN03, CBD02, LLY06, NB99, WQZ+13]. **groupware** [BSSS01]. **growing** [SP94]. **growth** [DTM15, NS03, PPK15]. **guarantee** [BBC+02, CLK01, HR95, Jia06, KLC15, LC03, WZLX12, WWL02, XL95]. **Guaranteed** [KLS09a, TD03, Ban99, BKLS08, BDHR10, CLY06, GV97, HSG+08, HTC04, JF04, KKL03, KKLS05, KK00, KL03, LQ13, LRJ08, LV00, LYL07, RKNS10, SS05, Szy16, TYLH09, WYHL09, XE13]. **guaranteed-rate** [SS05, Szy16]. **Guaranteeing** [LZW+15, KCB03, RRR02, SCP99, ZB95]. **guarantees** [AL98, CL03, CLC+01, CCLT02, CRV13, CS99b, Cob02, EDM16, cFKSS99, GP98, KBS11, KA03, KKSS12, Kim98, KZ97, KLS03, KS98, LLLS07, LLE15b, Ord99, Smi08, TX08, Tur09, WFS09, XL11b, YL98]. **guidelines** [BPK+10].

H [HDM13, QCS07]. **H-RCA** [HDM13]. **handlers** [WEK97]. **handling** [CU95a, NLY+07, VNS02]. **handoff** [BCN02, LSC99a]. **handoffs** [AS96, WLL01]. **handover** [NCT14]. **hard** [CAP15, JGKT07, MKS16]. **hard-state** [JGKT07]. **hardness** [CD96, DXT+12]. **Hardware** [AN05, NLB15, DYH13, KR00, KM10, LXX+14]. **hardware-aware** [DYH13]. **Hardware-based** [AN05]. **harmonizing** [ZS13]. **harsh** [AK00]. **harvesting** [HN13, KE16, LHZ+16, LFZS11, SK13, TSR14, VGP14]. **hash** [BLC12, XLZC14, ZGG05]. **hash-based** [BLC12]. **Hashed** [VL97]. **hashing** [CKKK09, KM08, KM10, MPL09, WL07]. **haul** [LWR15, LWR+16]. **having** [DM03].

HAWAII [RVS+02]. **headaches** [CCKK16]. **header** [KR08, THDD05]. **headers** [CV96]. **healing** [FCT03, MK98, SF95, Wu94, XM99]. **health** [JL12a]. **heap** [IK07]. **heavily** [Świ96]. **Heavy** [MMT14, MMT16, BMvU03, JMMT12, LLE16, LGD+10, NAA+16, NJW16, WZY+16]. **Heavy-Tailed** [MMT14, MMT16, BMvU03, JMMT12, LGD+10, NAA+16, NJW16]. **heavy-traffic** [LLE16, WZY+16]. **helper** [OWKS16]. **Hershel** [SNLL16]. **heterogeneity** [LZXF14]. **heterogeneous** [BBM93, BGJ+04, CS99b, GGL09b, GGL09a, GHK02, GCZ98, Hou14, KK16, KT08, LH05, LEYS11, LPW14, LZW+15, MJ01, MDL07, MH02, NML08, PD07, PS15, LZKT99, RS04, RCS14, STL04, Tan16, TWLC07, TWLC10, Tia05, TL06, TWL05, YCV15, YDS06b, ZWTC16, ZZZM03, ZM04, vDP93]. **HetNets** [DMMS14]. **Heuristic** [Yua02, BLS07, CFM13, LÜ14, RL94, ZA95]. **heuristics** [SB07]. **hidden** [BB95, JS12, RCFC15, VJV14, XY09a]. **hide** [WL16]. **hide-and-seek** [WL16]. **Hierarchical** [BZ97, GMD15, Ros05, SF95, SL07b, CH04, CRD08, CH97, FC99, HA97, LNA07, RPGE04, RSB01, SL15c, SZN00, VL97, VAM+06, WFH12, ZR09]. **hierarchies** [SMV93]. **Hierarchy** [CT04b, XL98]. **High** [AS09, Gro99, HM06, KLE16, LDK13, RW07, SD15a, WJYL16, WNV13, XLZC14, AA93, AACD+96, ACP05, BS97, BK00, BQ08, CS15, CCL99, CS98, CGS93, CGEN98, CR98, CBL06b, CT96, EM93, EVF06, FqL98, GYB+04, GLH95, GGH11, GP96b, GGK99, HKT95, IK07, ILS97, JR14, KV96, KL13, KHW12, LS93a, LM97, cLqL97, LH95, LKC11, LH13, LYS93, LCH95, LLS07, LNM+09, LS06e, LBS05b, LT94b, LXX+14, PWDL05, PLT14, RDO+07, SFAS05, SLC+07, Smi02, SS03, SSZ03, SXLL08, WEK97, WTSW97, WXW15, XLR13, YLCP11, ZTS94]. **High-bandwidth** [AS09, AA93, LS06e, WXW15]. **high-capacity** [RDO+07, Smi02]. **High-fidelity** [LDK13, XLR13]. **High-Order** [KLE16]. **High-performance** [SD15a, WNV13, ACP05, GYB+04, WEK97]. **high-reliability** [GGH11]. **high-resolution** [CBL06b]. **High-speed** [HM06, RW07, AACD+96, BK00, CCL99, CS98, CGS93, CGEN98, EVF06, FqL98, GP96b, GGK99, IK07, ILS97, KV96, KL13, LS93a, cLqL97, LH95, LYS93, LCH95, LLS07, LNM+09, LBS05b, LT94b, LXX+14, PLT14, SFAS05, SLC+07, SS03, SSZ03, SXLL08, YLCP11]. **High-throughput** [XLZC14, CS15, KHW12]. **high-variability** [WTSW97]. **highly** [CDI+04, KLS09b, KLOS09, SMM11]. **hijacking** [ZZH+10]. **histogram** [SSD93]. **histogram-based** [SSD93]. **histories** [GV06]. **history** [WZL+13]. **hit** [GMWD13, TR98]. **Hoc** [QJZ+16, RZS14, WCC14, AHK08, AS07a, AS07b, BCGC15, BCB99, BNJR12, BNJ16, CE09, CZF+16, CFM13, CW10, CMGL11, DLL+11, DBT05, EFK07, FMD13, GMP08, GGL09b, GGL09a, GGH11, GT02, GMYP16, HL99, HHL06, HS06a, JS11, KK07, KDHK15, KWZ08, LH07, LPKF10, LMP08, LZF09, Li09, LLLT10, LPF12, LLNC09, LSMS06, LR09, LCL+12b, LNL+16, LKZ+04, MQ05, NL07, PS05, RM08, RSR10, RKNS10, SLP07, SPH04, SRR08, SMS07, SSHK11, SS10, SL12, SS07, UN11, WCY04, WTS+13, YD07, YLL10, ZSFZ11, ZW10, vRWZ09]. **HOL** [CCKK16]. **holding** [FCL97]. **holes** [LL10]. **holistic** [KH07]. **homogeneous** [KG16]. **Hop** [GEHM02, HS16, YS07, BB96, BESW08, CF94, CFD06, DV09, GSK08, GS10b, HIM07, HBU95, JMI95, JS09, KN05, KS09b, LHB+05, LRL07, LRL08, LJNK12, MKT96, NL07, NSCR06, PEA09, RA95, SKE16, SS09, Sob02, SV11, TMH97, WJS07, WNV13, XCR11, XCR15, ZL16].

Hop-by-hop [YS07, CFD06, MKT96, Sob02, XCR11, XCR15]. **hop-count** [WJS07]. **hop-limit** [HBU95]. **Hopping** [CLW16, SL15b, ZYL+14]. **hops** [GO02]. **hose** [CL08, CL09b, KLOS11, KLS11b, KRSY02]. **hose-model** [CL08, CL09b]. **hoses** [DGG+02]. **host** [FJJ+01, HFC+13, LZSS10, SC95]. **host-based** [LZSS10]. **host-level** [HFC+13]. **hosts** [GZCF06, SZ08]. **hot** [TSGR08]. **hot-potato** [TSGR08]. **hour** [Med95]. **houses** [KSG11]. **HTTP** [BL15, BBK12, CL04, HOT97, JSZ14, TL16]. **HTTP-Based** [JSZ14]. **HTTP-like** [CL04]. **hub** [CN08, Kim98, LS03a]. **Huffman** [FDG+10]. **Huffman-coded** [FDG+10]. **human** [LHK+12, RSH+11]. **Humans** [GXWW11]. **hurts** [AGL16]. **Hurwitz** [AOM04]. **Hybrid** [SYDM09, BD97, CqLL98, CR98, CGK10, CLG+00a, HA16, KEY99, LPKF10, LBHO07, LGC16, LS97b, LNL+16, LXX+14, Mil98, RWA+08, SPH04, SEK15, SM08, SYR05, TCPV13, ZA11, ZR09, ZRK06]. **Hyper** [WCC14, WXW15]. **hyper-space** [WXW15]. **Hyperbolic** [ST08, PPK15]. **hypercube** [VB94]. **hypotheses** [HDM10].

I/O [qLP97]. **IaaS** [GLLJ16]. **iBGP** [VCD15]. **iBUS** [ASKR16]. **iChat** [XYLL14]. **ICTCP** [WFGZ13]. **iDEAL** [DRJ+14]. **identifiability** [MHL+14]. **identification** [CPR99, HQY+16, KS95, KL13, LL09, LHL15, SL15b, WWTK11, YSL+14, YWZZ16, ZL15]. **Identifying** [WJK+12, GR12, HLS14a, LCL13a]. **IDMaps** [FJJ+01]. **IEEE** [BJ15, BB06, CCG00, CSN06, CAL09, CLL+14, CLG+00a, HJL+12, HKV+13, HDM10, JS12, Kim98, KAMG07, QCS07, RKA08, SD15b, TS08, TB10, Tow06a, TYP+15, WH11, ZTS11]. **IEEE802.11** [NL07]. **IGP** [NBTD07]. **IGPs** [VVP+12]. **II** [DTM15, PG94b]. **ILP** [BD96, TMP07, WYH10]. **Image** [RBS02]. **immediate** [TCPV13]. **immortal** [XSHS12]. **immune** [CF94, XGF+14]. **Impact** [AHK08, CBD02, CMGL11, CMP+14, DBT05, LBS11, QJZ+16, TSGR08, ANSX13, BMS14b, CM12, CJH+11, CDRV11, GS13, KV05, Lab97, LS06d, MGR02, RKT02b, STM+12, SRS01, SNSW12, SS96, XFS06]. **impacts** [KS13]. **impairment** [CKV11, KT11, RSM09]. **impairment-aware** [CKV11, KT11, RSM09]. **imperfect** [KNSV13, LS06d]. **implementation** [AP93b, AKS96, ASSK13, BKH+93, BFM+96, BD96, CK10a, Fel95, GYB+04, JIN+12, LLY+16, LO96, LY10, PP93a, PWHL16, RP06, SZG+13, TYL94, WJZ+12, WXW11]. **implementations** [BG98, GP98]. **Implementing** [TNML93, Kar06, VL97]. **implication** [SGSB+15, ZH08b]. **Implications** [FJB07, AW97, HL96b, LDH+12, LMS04b, WDCL15]. **Importance** [PV04, DT93]. **Improve** [RZS14, BCL+09, BV05b, DSTM12, TXL+12]. **Improved** [BT93, CGGS97, LNS11, Mil95, PCV08, SS98, BP96, FSM14]. **improvement** [CFM13, HL05, WLCC07]. **improvements** [VC14]. **Improving** [CLP12, JSZ14, VVP+13, ZGG05, BPSK97, cFKSS99, SBDR08]. **in-flight** [MHRR12]. **In-Network** [VLM16, JS14, SGR13]. **In-service** [ZF96]. **in/out** [RKH+16]. **inaccurate** [GO99, KK03b]. **incapable** [PGV16]. **incast** [WFGZ13]. **Incentive** [LSM+14, MLLY06, YXFT16, SL14, ZLC12, ZLM16]. **incentives** [CKC+13, SYJ09]. **incentivized** [DRJ+14]. **incentivizing** [LMW16]. **incomplete** [GB10, KO13]. **incompleteness** [GIL+15]. **increase** [TR98]. **increased** [CJ97, PFC96]. **increases** [GT02, WLWL13]. **Increasing** [AP93a, KCA97]. **increment** [RKK14]. **Incremental**

[CFD06, HPR06, BN05, RVV+15]. **increments** [VR13]. **independence** [KNR+16]. **Independent** [CER12, SPH04, GR12, GR14, GR16, IAS06, JLRS16, MJ13, ZKL07]. **index** [LBFE09]. **Indexing** [WN16]. **indicator** [Kam96]. **Indirect** [CKV11]. **indirection** [SAZ+04]. **Individual** [XG05, GKJ12, LWLL16]. **indoor** [STKL01]. **induced** [LD95]. **Inducing** [YD07]. **inelastic** [AS14, HZC07, JS11]. **infection** [La16]. **Inference** [MVCS16, BMM+09, GDC+16, LDHT02, NXTY10, WJK+12]. **Inferring** [MHL+14, AdE07, Gao01, KS13, LCB+10, SCKB09]. **infinity** [ECN09]. **inflated** [GJVZ06]. **influence** [ZNZT16]. **influential** [HLS14a]. **Information** [MRD08, SM05, ZY16, ABA+16, BYH+15, CCE+06a, CCE+06b, CLC+01, CSS06, CHLS07, GB10, GLG04, GK16, GO99, HKL06, JJS13b, KK16, KO13, KBS12, KL13, KKP15, KG10, KL03, KK03b, LS99, Lia06, LJC05, LP07, PMH95, PJ13, SZG09, SP94, SK06, STQ13, SB07, SSA08, SXLL08, SN15, Tow06a, VGKG10, XW11, YW11, YJZW15, YZP+14, ZRLD05, LRJ08]. **information-bound** [ABA+16]. **information-theoretic** [SXLL08, ZRLD05]. **information-theoretical** [KL13]. **Information-theory** [MRD08]. **Informed** [BCMR04, BK06]. **Infrastructure** [MJ14, DBDJ14, NZCM11, RPZ+09, SD15a, SAZ+04]. **Infrastructure-free** [MJ14]. **infrastructureless** [GMS16]. **infrastructures** [CW12, LAPS08]. **inhomogeneous** [AGLM10]. **input** [AC16, AZ03, Bar95, BMvU03, GKS05, GSD09, JK96, KKLS05, KK03a, LS94, LS06a, LLLS07, LMNM01, qLH93b, qLH93a, LCH95, MBG+02, MBG+03, McK99, MSS02, MS03, Mne08, Nai97, NMH99, OWMM97, PB93, TGT01, TT09]. **input-output** [MSS02]. **input-queued** [AZ03, GKS05, GSD09, KKLS05, KK03a, LLLS07, LMNM01, MBG+02, MBG+03, McK99, MS03]. **input/output** [LS06a, Nai97, OWMM97]. **input/output-queued** [LS06a]. **inputs** [HH98, YTJQ05]. **Insensitive** [RPF+14]. **insider** [CHL16]. **Insights** [PWMC12, KAMG07]. **inspection** [ARS16, BAC12, FMMR10]. **inspired** [FLMM10]. **instabilities** [MFL+04, RAL04]. **instability** [AST11, LMJ98, LMSKZ99, SDV06]. **instances** [LS14]. **instantaneous** [GMWD13, GSW99, SCY98]. **instantaneous-request** [GSW99]. **instantly** [SV15]. **Integrated** [HLSG04, WC08, AK01, ASKR16, BLT02, GLAMM11, GVC97, JDSZ97, KIR06, MRD08, MLC07, PG93, PG94a, RR93]. **integrating** [AP93a, TZZ+14]. **Integration** [OSW97, OÇ10, SL08, Bej04]. **integrity** [CL12, GEHM02]. **integrity-preserving** [CL12]. **intelligent** [CHL16, CDH+10, NS98]. **intensive** [PGV16]. **Inter** [DMMS14, CS15, CZ06, LJC05, PLD16, WLL01, YCB07]. **Inter-Cell** [DMMS14]. **inter-domain** [LJC05, YCB07]. **inter-ISP** [PLD16]. **inter-landmark** [CS15]. **inter-SLA** [CZ06]. **inter-switch** [WLL01]. **interacting** [GLMM04]. **Interaction** [BH05, RCS14]. **interactions** [TLP+16, ZWO+96]. **interactive** [NABZ12, ZT12]. **interactivity** [ZT12]. **interconnected** [PMH95]. **Interconnecting** [LS14]. **interconnection** [CHA95, CTH10, LGW+11, ZSK12]. **interconnections** [BB96]. **interconnects** [HD07]. **Interdependent** [La16]. **interdomain** [GSW02, LGGZ10, SAM10, TGRR07, WQGW09, WJZ+12, ZZG+16]. **interest** [GLAMM11]. **interest-driven** [GLAMM11]. **Interference** [CMP16, DMMS14, HS16, QCS07, SMM11, AK00, AYS+13, BCP13, BE08, BB95, BB96, BRS10, BSS14, BS08, DM15, GNP+13,

GS10b, JC13, KDHK15, LPCVC13, RK06, RD11b, RSSZ13, SAS16a, SH14, TYP+15, WHM+13, WK13, YASS15, YC12, ZL13a, ZL16, vRWZ09]. **interference-affected** [BCP13]. **interference-limited** [BE08]. **interferences** [DBT05]. **interlayer** [WCAB15]. **interleaved** [Kar10]. **interleaving** [BKH+93]. **intermeeting** [CE09]. **intermittently** [CB11, RYS12, SPR08b, SPR08a]. **internal** [LDHT02, WYHL09]. **Internet** [AVS04, FST+09, AQJRS16, ALWD05, AB05, AC09, AW97, AFT11, BBG+10, BS02, CSMW02, CM12, CWSB05, CTVD14, DSA+14, DD11, EDBN12, EPB14, FHT+10, FK99, FF99, FP01, FJJ+01, Gao01, GR01, GXWW11, GIL+15, GZCF06, GS09, GS04, HSH+06, HSFK09, HFKC12, HM04, JT01, KHLC13, KG99, LA02, LMJ98, LABJ01, LCM04, LSS+13, LMS05b, LL13, LPIH11, LHC05, LSM+14, LBP+16, MCL+10, MCL+11, MLM15, Ma16, MT06, MTK03, MHRR12, NR13, NG16, OZPZ09, OPW+10, OGLK14, Pax97, Pax99, QYZS06, RBS02, RB02, RZWQ12, SA04, SP94, SRP+11, STM+12, SJ10, ST08, SSW10, SKG12, SFFF03, SLO+14, Sob02, SLD14, SMLN+03, SAZ+04, SXLL08, Szy16, TG09, TRKN10, TH96, VC12, VC14, WL10, XHN04, XZB08, XWG14, YFB02, YDS06b, ZCD97, ZNN+10, ZSK12, ZLSK15, ZGTG05]. **Internet-like** [QYZS06]. **Internet-scale** [KHLC13]. **Internet-style** [AB05]. **Internet-wide** [LL13, STM+12]. **Internets** [EST93]. **Internetwork** [RT99]. **interoperability** [CLG00b, HLSG04]. **Interparticipant** [ZLS96]. **interpolation** [LDK13]. **intersession** [KWS10, MRHWS14]. **interval** [NM06]. **interval-based** [NM06]. **intra** [RGKR10]. **intra-session** [RGKR10]. **intrabody** [SMGP15]. **intralayer** [LE13]. **intriguing** [LMSKZ99]. **intrinsic** [qLP97, RCW15]. **Introduction** [CCE+06a, CCE+06b]. **intrusion** [KLZ12]. **intserv** [LS03b]. **intuitive** [TWL06]. **inverse** [RRG10]. **inversion** [CLW95]. **Inverting** [HV06]. **Investigating** [LGD+10]. **investments** [JAW11]. **Invoking** [ABS+16]. **IP** [AM16, AN05, AMP01, AEB02, AAM05, ABK15, AJ06, BLC12, BR06, BGJ+04, CSG14, CJ14, CqLL98, CL09b, CMP+14, EAB02, FGL+01, Goo08, GR16, GS09, HL03, JID+07, KMS+01, KRKH10, KLOS09, KLPS06, KHČ+09, KGGZ11, LSV99, LZ06, LXY+14, LTY06, LXX+14, MIB+08, MGG+05, MPL09, NML98, NABZ12, PCB+98, RRK07, RW07, RTK+16, RS07, SK03, SFAS05, SWKA01, SPS+02, SXLL08, TAG08, TSGR08, WBEGS05, WJS07, YBG+12, ZZH+10, ZBA16, ZHLL06]. **IP-based** [CL09b]. **IP/ATM** [CqLL98]. **IPACT** [SC10]. **iPath** [GDC+16]. **IPC** [PP93a, WF93b]. **IPO** [AJ06]. **IPsec** [YW07]. **IPTV** [KLMW11]. **IPv4** [KHLC13, PT12, SMP+14]. **IPv6** [NG16, PT12]. **IrDA** [BH06]. **ISCOD** [BK06]. **ISDN** [LA95a, OKM94]. **iSLIP** [McK99]. **isochronous** [HL98b]. **isolated** [XGF+14]. **isolated-failure-immune** [XGF+14]. **isolation** [YWLL09]. **ISP** [CMN12, DJ16, MCL+10, MRR+14, PLD16, STM+12, SMWA04]. **ISP-Friendly** [MRR+14]. **ISPs** [SS06]. **iSPY** [ZZH+10]. **issue** [CCE+06a, CCE+06b, Tow06a]. **issues** [AMI+07, CRL96, CW12, GP96a, KGPL13, NBK02]. **iterated** [LGC16]. **iteration** [Mne08]. **Iterative** [XXBC14, YMO97, Mne08, NM09, PZGLA98, RW95, WJK+12]. **ITP** [RBS02].

jammers [CHL16]. **Jamming** [TNRP11, CH11, PBKG11, YSJL14]. **Jamming-aware** [TNRP11]. **JET** [MSWL06]. **Jitter** [LM01, MPS01, MSB97, BBC+02, FqL98, LS97a, PS98, SA01b]. **Jitter-based** [LM01]. **job** [RPF+14]. **jobs** [MS14]. **join** [KKEE13, MSWL06, WL07].

join-exit-tree [MSWL06]. **Joint** [CKL16, CG15b, DBDJ14, GV93, JR14, KT07, LMS06, LSXS16, LH10, PT96, TEE16, URZ+14, XLAC16, CSSJ14, DT15, HSH+06, LR09, LRG10, NM06, PA12, YZBR14, ZS05]. **joint-ONU** [NM06]. **Jointly** [GMY13, CFM+09]. **journey** [CH15]. **June** [Tow06a].

KAD [SENB09]. **Kalman** [KMH12]. **Key** [ASW00, BGH+95, ÇY07, FHH10, HMvdLM07, LLY06, MSWL06, MP08, SLP07, SIYL09, STL04, TWL05, WGL00, WQZ+13, ZAS12]. **KISS** [FMMR10]. **Knowledge** [CN16]. **KryptoKnight** [BGH+95].

L7 [GBL12]. **L7-filter** [GBL12]. **Label** [SSFM08, CO94, COS95]. **label-based** [COS95]. **lack** [Sha97]. **Lagrangean** [SYDM09]. **LAN** [CS00, CPSWL96, FTZ+13, OY95, OWMM97, RIM98, SZ08, SZT01, WTSW97]. **LAN/MAN** [RIM98]. **landmark** [CS15]. **language** [AP93b]. **language-based** [AP93b]. **LANs** [AKS+13, BHL07, Bej09, CSN06, CHH06, HSM+13, HKV+13, KS12, QCS07, SA01a, YWK07, ZBXH13]. **Large** [AAG+16, DLLL16, SJL+13, SXLL08, VR13, YKKY08, ZFW14, AKA10, AF99, AVPG14, Bej09, BS00, CZF+16, CKR+09, CL03, CL04, CL07, CC95, CCL11, CLM+16, CKR93, DZNT14, DLH+14, GSN+16, Goo08, HMvdLM07, JC13, JYT+15, KS09b, LYWL08, LTB04, LZL12, LCL13a, LS05a, LGD+10, LS10, LCQL14, MWQ+10, MA12, MGG+05, MV14, MG95, MH97, NSW11, NB99, PYL99, PS05, PLS07, PJ13, SW04, SLS10, SQZ09, TK12, WDCL15, XY09a, XW11, XK06b, YBG+12, ZSFZ11, ZW14, ZL13b, ZL14, ZKO93]. **Large-Scale** [AAG+16, ZFW14, SJL+13, SXLL08, YKKY08, AKA10, AF99, BS00, CZF+16, CKR+09, CL03, CC95, CCL11, CLM+16, DZNT14, DLH+14, GSN+16, Goo08, HMvdLM07, JC13, JYT+15, LYWL08, LTB04, LZL12, LGD+10, LCQL14, MA12, PYL99, PS05, PLS07, PJ13, SQZ09, TK12, WDCL15, XY09a, XW11, ZSFZ11, ZW14, ZL13b, ZL14, ZKO93]. **largest** [KWJY16]. **largest-deficit-first** [KWJY16]. **laser** [ZA11]. **LASTor** [AYM14]. **latencies** [RS97b]. **Latency** [SV98b, TMMS01, XLAC16, YTL12, AYM14, CKS16, CM03, CB11, CJH+11, CMFA14, GMP08, IM08, KWS+11, KLSV12, LDK12, LDK13, LGKV14, LMS04a, MMC05, OdG96, QSS+15, RSR10, SRR08, SL95, SS93, SKV03, Szy16, ZGG05]. **latency-constrained** [CKS16]. **Latency-rate** [SV98b]. **lateral** [SCY15]. **LATS** [NL99]. **Lattice** [BBLV06b, BBLV06a]. **Law** [TSS14, CE09, MOR13]. **laws** [AK09, SBNRS14, SFFF03, YGC10]. **layer** [AK00, AKS96, AZLB16, AC09, AAV09, BL15, BLS07, CK10a, CRB09, CDFG06, CR99, CHL16, CH11, CCF04, CGK10, EOSM10, HQY+16, HK11, JZC11, KT06, LSLL14, LML11, LWL+11, LS06d, LJ09, PDE08, PNRMC13, QL16b, RGG11, RSU+09, SLP07, SAS16a, SHHA09, SH07, SPB16, SS07, VA09, WLLD05, WVG12, XY09b, XE13, ZOM03, ZAFB00, ZL15]. **layer-2** [QL16b]. **layer-2.5** [AAV09]. **Layered** [YJH05, BKLM06, KK12, LLM11a, WCAB15]. **layering** [CW16, RKT02b]. **layers** [AP93a, PDE08]. **layout** [DJ14, GCZ96]. **Lazy** [CHLS07, CHML15]. **LBDP** [LZL+14]. **LDAP** [WSKV08]. **leakage** [GK16]. **Learning** [DM15, PM96, WL16, GV06, HZL16, JKJ13, MSBZ10, NABZ12, XC08, YDS10]. **Learning-based** [DM15]. **lease** [AAS10]. **Least** [ZNZT16, DFGV11, LHK+12]. **least-action** [LHK+12]. **least-cost** [DFGV11]. **legacy** [GSRS+15]. **legacy-compatible** [GSRS+15]. **legitimate**

[HFKC12]. **length** [CT95, CH98, ES07, HC02, JMMT12, JMI95, Le 02, MP93, NTS12, SRS03, UZ93, WLC+10]. **length-based** [WLC+10]. **LEO** [EAB01, EAB02, TKN06, WCH95]. **less** [BQ08]. **less-structured** [BQ08]. **lessons** [KKM+97]. **level** [AL98, AdE07, BCL12, BSF16, Bor05, CLM99, FJL+97, GIL+15, HFC+13, KL95, LDK12, LYC11, LYS11, LMS04b, LCB+10, MR96, OPW+10, RPGE04, RD11a, SYR05, SFFF03, Tas96, TZP+10, TNML93, WLC+10, WTSW97, WLLZ16, YC12]. **Leveraging** [KD10, SAS16a]. **Levy** [RSH+11, LKC+13, TG09]. **Levy-walk** [RSH+11]. **Lexicographically** [GGFS02]. **Licklider** [WBP+11]. **life** [VFBD11]. **Lifetime** [KBS11, ZG08, CT04a, HSS08, HY08, IKDD15, KLSS10, LYRL07, LJW+07, LH10, TX08, WSC08, WMFS10, YCV15, ZCJ+13]. **lifetime-balancing** [YCV15]. **lifetime-based** [LYRL07]. **lifetimes** [FM06, WYL09, YCL15]. **LIFO** [HMNK13]. **LIFO-backpressure** [HMNK13]. **Light** [PPV04, BGH+95, BMvU03, FJL+97, KIR06, LJC05, NJW16, SSM06, WBEGS05]. **light-path** [LJC05]. **light-tailed** [BMvU03, NJW16]. **light-trees** [SSM06]. **Light-weight** [PPV04, BGH+95, FJL+97, WBEGS05]. **Lightpath** [BLRC05, LLM14, LXC05, XGF+14]. **Lightwave** [SR94, BSSLB95, GW94, IBM95, JMI95, Lab97, PS93, TMH97]. **Lightweight** [CMP+14, CS14, LTY06]. **like** [CBD02, CL04, FLC09, HL15, LDH+12, PWMC12, QYZS06, SWL06]. **limit** [CCG00, CS98, DM95, HBU95, XW11]. **Limitations** [RX07, ZAS12]. **limited** [AGL16, BE08, CSS06, HZL16, NPQ06, NPY07, OY13, QY04, RS98, RZVZ06, TS09]. **limited-range** [NPY07]. **limiting** [CK09, YWA08]. **limits** [BBLV06a, BBLV06b, BBL95, GGM11, HL03, JJL15, KEW06, LLW+14, SK13, WKZL96]. **line** [BSH+11, BCN02, cFCcFW05, FCT03, MK98, PZS+16, QM99, SMG06, VWT+14, VLMN09, YKKY08, YF05, ZY07b]. **linear** [Ada98, BSSLB95, BM00, CCL09, FKT98, GKJ12, KS01b, LLS09, OWKS16, PS93, SLH+06, VJV14, XK06a]. **linear-memory** [LLS09]. **linearity** [qLP97]. **linearly** [GR12, GR14]. **linecards** [IKM08]. **lines** [CCL09]. **Link** [CMP+14, FJ95, LCH95, Lin93, XCR11, XCR15, ARK09, AT03, BTH11, BCP00, BR06, BKLS08, BRS10, BFF07, BSS09, CLM99, CJH+11, CSC04, CJZS14, CRB12, CL09b, DT15, DV09, FB07, GDW+16, GR12, JK15, JHR05, KRLL11, KS09a, KRKH10, Kum98, LLM11a, LWL+11, MHL+14, NLY+07, NBTD07, PDSK04, QZZ+13, RCGS09, RC08, RW93, RS07, SRS01, SYR05, SKUB12, Ste08, SZN00, Tas96, UBPE02, VVP+12, WYL09, WCH95, WK13, XL98, YCL15, ZWYY10, ZZHZ13]. **link-level** [Tas96]. **Link-sharing** [FJ95, SZN00, XL98]. **Link-State** [CMP+14, XCR11, XCR15, FB07, VVP+12]. **link-weighted** [LWL+11]. **links** [AAM05, BPSK97, EVF06, GMLP10, HSFK09, Hou15, ML06, Ram96, RLZ10, SNXT13, VC12, WWTK11, ZL13a, ZW14]. **lists** [DLT16]. **little** [PES+12]. **Live** [CJW11, MRR+14, SQ16, CZCC14, SLL15, VAM+06, WXR13, WLCW16, WRS+15, WLR10, WLZ11]. **lived** [CDFG06, GLMM04]. **livelocks** [KGL03]. **LiveRender** [LLT+16]. **LLR** [VHNPM96]. **LMMC** [YJH05]. **LMS** [AC16, PPV04]. **Load** [CWGT14, LK16b, SMG05b, WL07, AWFT15, BHL07, CLY06, HA16, HY10, JMS08, JIN+12, KL08, KDYV12, LLW+15, MOR13, MSS16, NL99, Smi08, Wil96, YCL09, ZTS11]. **load-adaptive** [NL99]. **load-balanced** [HY10, JMS08, YCL09]. **Load-Balancing** [CWGT14, WL07].

loaded [Świ96]. **loads** [LVB96]. **Loc** [CDPLCA16, TZZ+14]. **Loc/ID** [CDPLCA16]. **Local** [HA96, LESZ98, MOY00, QGCL11, WW16, AZ06b, BM97, BCR+12, BCC07, ES96, GT00, JCJ95, JMI95, KO13, Kum98, LGC16, NLY+07, PJ13, SAS16a, SKR+09, SSA08, THRW12]. **local-area** [ES96]. **locality** [CG04, DLT+15, WZY+16]. **locality-aware** [DLT+15]. **localizability** [YLL10]. **Localization** [ZXH+13, ARK11, BTH11, CZC+13, GGM11, KO13, LL10, STM+12, SDW14, SCY15, SS04b, TWHR11, THRW12, TZZ+14, WLL+11, WS05, XXBC14, ZZZ+14]. **Localized** [LH05, LZL+14, NZTD02]. **Locally** [KLS09b, BMS14a, SAS+16b]. **Locating** [GV06]. **location** [ACR12, AHL96, BSNI06, CH15, GS16, HL98a, HA97, KBS12, KRS00, LSZW13, Lin97, MRD08, PS05, RLP06, SIYL09, VG04]. **location-aware** [LSZW13]. **location-based** [ACR12, CH15, PS05, SIYL09]. **locking** [JR96]. **log** [SBD11, SKR+09]. **Logarithmic** [NMC07, Val07]. **Logic** [ABS+16, HP00]. **Logical** [CN16, BY06, KS01b, LQCC16]. **Long** [CDFG06, SENB09, AAM05, ENW96, GLMM04, GB99, HL96b, LWR15, LWR+16, RVA00, VLMN09, VL05]. **long-haul** [LWR15, LWR+16]. **long-line** [VLMN09]. **Long-lived** [CDFG06, GLMM04]. **long-range** [ENW96, GB99, HL96b, RVA00]. **long-run** [VL05]. **Longest** [DKT06, BBHK14, DKN96, DKN97, LBX11, PT12]. **longest-matching** [DKN96, DKN97]. **longest-queue-first** [LBX11]. **lookahead** [BAC12]. **lookup** [AN05, BLC12, MPL09, PT12, SK03, SFAS05, SMLN+03, ZGG05, ZHLL06]. **lookups** [LSV99, LXX+14]. **Loop** [GLA93, GLAM97, MBF+02, PT94, fTL06]. **loop-back** [MBF+02]. **Loop-free** [GLA93, GLAM97]. **Loopback** [CSC04]. **loops** [FB07]. **Lord** [HSFK09]. **Loss** [KS01a, MH02, BLCT97, BSS+11a, CN10a, CH04, CU95a, CTG00, CLW95, CKR93, DLPT06, GS98, HC02, HAGL16, KK00, LM97, LMS00, LA95b, LGKV14, LMSKZ99, LB04, LWR15, MEVSS03, MG97b, MMR96, NR13, NBT98, PL02, SL94, SS98, SBDR08, VS97, VSR11, Wil96, XFS06, XK06a, XG05, ZF96, vDP93]. **loss-** [BSS+11a]. **loss-free** [VS97]. **loss-load** [Wil96]. **Losses** [NSP+16, AAB05, AT03, BV05b, CCV03, KS03, YMKC08]. **Lossless** [VVP+12, KGL03, LCY96]. **Lossy** [CBL06b, AAM05, JS14, KL07, Kum98, ML06]. **LOTOS** [MBC+94]. **Low** [BSYS12, GLS09, JGLS14, KK06a, KLE16, LLS10, LS10, SRR08, SS09, ZCW15, AYM14, BM09, CHML15, CPS13, HLW13, HL15, JGS+15, KR00, KMH12, KK06b, LQ13, LH13, LMS04a, qLP97, LPP11, LBS05b, NTS12, PLS07, QSS+15, RSR10, Szy16, YDS10]. **low-** [LBS05b]. **low-accuracy** [BM09]. **Low-complexity** [BSYS12, GLS09, JGLS14, LLS10, ZCW15, HLW13]. **low-cost** [LPP11]. **low-duty-cycle** [CHML15]. **Low-energy** [SS09]. **low-latency** [AYM14, QSS+15, RSR10]. **Low-power** [LS10, PLS07]. **low-precision** [KMH12]. **low-priority** [KK06b]. **Low-rate** [KK06a]. **Lower** [CLW16, AGLM10, wTjCjC97]. **LP** [KK06b]. **LRD** [YTJQ05]. **LSRP** [AZ06b]. **LTE** [DMMS14, DM15, LPCVC13, PLR15]. **LTP** [WBP+11]. **Lyapunov** [WN16].

M [RW95]. **M/G/1/N** [RW95]. **M2M** [WZL+13]. **MAC** [AK00, BJY11, BCGM07, CRB09, CHL16, CSS06, CLG+00a, HDM10, JZC11, KIR06, LKC11, ODC+16, RWA+08, RSSZ13, SA01a, SS07, TS08, VA07, Wan04, YD07, YDS10, ZB95, ZT03]. **MAC-layer** [CHL16, JZC11]. **machine** [LWLL16, MSBZ10, NABZ12, SJL+13]. **machine-learning-based** [NABZ12]. **machine-to-machine** [SJL+13]. **machines**

[Nai97, WRS+15]. **macro** [CK10b]. **made** [ABK15]. **Maelstrom** [BMB+11]. **Maintaining** [JRY09, FK99]. **maintenance** [AA93, AACD+96, FEC13, SLL+11]. **make** [CPS13]. **Making** [AC06, CF94, LLY+16, She95, XSHS12]. **malicious** [RHMF16, SKG12, SAM12]. **malware** [EKSV16, KSA12]. **Management** [ACC+14, RMPG16, ASW00, AYS+13, ACP05, AGKK03, AJ06, BCP13, BLPS10, BRISCSP11, CqLL98, CHH06, CH97, CL16b, DC13, DM15, DGG+02, DJM97, cFSKS02, FJ95, GP96a, GMYP16, HL99, HL98a, HM06, HKV+13, HBS96, HA97, IPG97, IS00, IK07, KJF+00, KS04, LBS05a, LBB08, LAJS07, LKL00, LGS09, LH03, LJC05, LSM+14, Low03, MSWL06, MPFK02, MS08, MRD08, MW05, RrBG94, RRK96, SM14, SV99, SL15c, SCY98, SIYL09, STL04, VG04, WL08, WQZ+13, YBG+12]. **manager** [CU95a, LYS93]. **Managing** [PD07, dFV02, KS12, YC12]. **MANETs** [CPS13, DPMK11, GLAMM11, JHR05, LJNK12, PDE08, SL15c]. **Manhattan** [LK95]. **Many** [SK11, HLHD+04, SK10a, SK12a, XSZ+07]. **Many-to-Many** [SK11, SK10a, SK12a]. **Manycast** [PGV16]. **manycasting** [BV10]. **map** [CS14]. **mapping** [CRB12, DK98, FJ07, JK15, PPK15]. **mappings** [CDPLCA16, TR98]. **MapReduce** [WZY+16]. **maps** [DJ14, GS09, MG16]. **MapTask** [WZY+16]. **market** [GS16, KAS16, MQ05, SL14, XB07]. **market-based** [MQ05]. **marketing** [DZNT14]. **markets** [AAS10, HGW+16, IGHT15, RPV13]. **marking** [CHM+05, CFM+09, EW08, FK99, Goo08, TC06, YDS06a]. **Markov** [AS94, GMWD13, KWC93, KLE16, RCFC15, RV01, SRS03, XY09a, ZS04]. **Markov-chain** [ZS04]. **Markov-Chain-Based** [KLE16]. **Markov-modulated** [SRS03]. **Markovian** [EM93, ODT09, OES16]. **marks** [KS03]. **mass** [RS95b]. **match** [BBHK14, CW16]. **Matching** [LS06a, LT16, MPN+14, Mne08, BBK12, BBHK14, BESW08, DKT06, DKN96, DKN97, FDG+11, LH13, qLlH97, LK10, LS03b, PLT14, PT12, TT09]. **matching-based** [BESW08]. **matchings** [BE06]. **mathematical** [ZLC12]. **matrices** [OMA+10, RZWQ12, SNC+07, ZRLD05]. **Matrix** [Lia06, LDGL13]. **matters** [MSS+12]. **Max** [LCS12, MMT14, MS15, AS08, GL10, JMMT12, LPW14, LJA14, Mar03, MRHWS14, NDGL06, NJW16, RL07, YXF+13, YLLY05, CLK01]. **Max-min** [LCS12, AS08, GL10, LPW14, Mar03, NDGL06, RL07, YXF+13, YLLY05, CLK01]. **Max-Weight** [MMT14, JMMT12, LJA14, NJW16]. **Maximal** [WW16, BCR+12, BESW08, CLSC15, JLS09, LNS11, MP94, Nee09, RB09a]. **Maximizable** [GS03]. **maximization** [BMS14a, BZM08, CPS+12, EML12, JW10, LLCL11, LWLL16, LCZC13, Nee13, PPSV13, RRK96, SN15, TCS13, ZNZT16, ZG08]. **maximize** [LH10]. **Maximizing** [CN10b, KLT15, LLM14, LQXX07, LZES14, LJW+07, ZCJ+13, CSS06, HY08, HN10, IKDD15, KLSS10, VGP14]. **Maximum** [BSP07, CT04a, KSA12, SGR13, CKKK09, CK09, GR14, JLRS16, KKL03, LMMN07, LLL06, Lia06, MBG+03, NTS12, OR11, WMFS10]. **maximum-degree** [OR11]. **maximum-lifetime** [WMFS10]. **MDFE** [MVCS16]. **Mean** [HTAZ16, CTG00, HH98, LLE16, LZC09, SSV13]. **Mean-field** [HTAZ16, SSV13]. **means** [BMM+09]. **measure** [MOZ05]. **measured** [DL04, KZDM07]. **Measurement** [BPK+10, DLH+14, GMSK09, JID+07, MGK12, NKS08, QK01, RRK07, WSKV08, ZNN+10, AKS96, BMVB09, BLCT97, ES03, GXWW11, GT99, GT03, JD03, JDSZ97, KS09a, KYY+12, qLlH97, LCL12a, LHC05,

NCT14, PBKG11, RW07, RKT02a, SJL+13, SNSW12, SBDR08, SQZ09, WZR08, WDCL15, XYLL14, YCM11]. **measurement-analytic** [ES03]. **Measurement-based** [NKS08, QK01, RRK07, ZNN+10, BLCT97, GT99, GT03, JDSZ97, WZR08]. **Measurement-driven** [BPK+10, MGK12, PBKG11]. **measurements** [AdE07, GCS06b, KHG+14, KLSV12, LDK13, LTY06, MHL+14, MSA+16, NR13, NXTY10, SCY98, WJK+12, ZKH10]. **measures** [AK96, ANSX13, PS09, TJ95, WLS97]. **Measuring** [AFT11, GMLP10, HBB09, SMWA04, ZL13a, LGKV14]. **MeasuRouting** [RHC+12]. **Mechanism** [PK01, BLPS10, BCB99, CLSS09, CO94, FY07, HGW+16, IGHT15, NL16, SMT98, SA04, SK12b, SMP+14, WKWV16, XL11a, ZWTC16]. **mechanisms** [BPSK97, ÇY07, CFPP96, CY14, CLA07, FHH10, GKPS06, HGE04, LSM+14, TYP+15, WZR08, WHTC15, YXFT16, ZLM16]. **media** [AS02, BS02, CG04, KAZ01, LA95c, MEVSS03, PWMC12, PSA96, RVR93, SKR+09, SZG+13, VNS02, VAM+06, WLCW16, WWL+15, YJH05, ZEV07b]. **Medium** [PV10, SMGP15, URZ+14, YHE04, BBL95, CLD10, IZC00, JCJ95, KH15, MLS12, PPV12, SMM11, SS03, VA06, VA07]. **Meets** [HZCL16]. **mega** [LZXF14]. **membership** [AGKK03, HKLS12, KEAAH08, MR96]. **memory** [AS09, CH97, CH98, Geo08, HKLM07, LH13, LMT16, LLS09, MAN15, PV10, SFAS05, SSZ05, XLZC14, YLCP11]. **memory-efficient** [XLZC14]. **memory-rate** [MAN15]. **merchant** [AMI+07]. **mesh** [AK14, AK15, ATB+10, AAV09, AST11, BTH11, BLB10, BL04, BLRC05, BZM08, CYK09, CSC04, CCF04, CAL09, CK09, Con11, DPBT11, DSTM12, DYX12, EFK07, EM09, FCT03, GM03, GMSK09, HTC04, HMM11, IMG98, Kam10, KS09a, KS11, KN05, KMHS09, KHW12, LBRA05, LCS12, LWKD03, LCG+14, LYL07, LLY09, LRG10, MVRZ09, MR09, MPF+15, MBF+02, MHRR12, ME96, MJ15, PNRMC13, PA12, PCV08, PCL15, RGKR10, RDO+07, RCGS09, RJJ+11, SJ12, SYR05, SMM11, SSM06, SZM08, TWHR11, THBR14, TH97, Wu94, XTMM11, Xin07, ZOM03, ZZZ+07, ZKL11, ZZZM03]. **mesh-based** [MR09]. **mesh-survivable** [IMG98]. **Message** [RKNS10, FGM+13, HR95, PHL15, Rum93, ZB95]. **Message-efficient** [RKNS10]. **message-passing** [PHL15]. **messages** [BC01b, FJ94, JMI95, MGK14]. **messaging** [WEK97]. **METANET** [OY95]. **MetaRing** [OSW97]. **meteo** [PS15]. **metering** [WMYR16]. **Method** [HKS16, FM06, HGE04, JL98, KVR02, NR98, PPPW05, TAH99, ZDR04]. **methodology** [CLM99, DRM04, FGL+01, GIL+15, JD03, SV98c, TB10]. **Methods** [LNR94, BL04, DT15, JF04, TMH11, WM96]. **metrics** [GR12, GS03, JHR05, MHL+14, PNRMC13, PA12, RS07]. **metro** [QGCL11]. **metropolitan** [HL98b, KV96]. **metropolitan-area** [KV96]. **mice** [MGG+05, MK10]. **micro** [CK10b]. **Microfluidic** [DGLM16]. **MICRON** [RS08]. **microscopic** [LGKV14]. **MIDAR** [KHLC13]. **middleware** [SHZ16]. **MiFi** [BB06]. **Migrating** [NG16, YL98]. **Migration** [BFG+14, WLCW16, SLO+14, WRS+15]. **migrations** [RZC11, VVP+12]. **Military** [HK14]. **millimeter** [AWFT15]. **millimeter-wave** [AWFT15]. **milliseconds** [BFF07]. **MIMO** [BRM+13, BJY11, BSS14, CW10, GNP+13, PLL13, QZZ+13]. **MIMO-assisted** [BJY11]. **MIMO-aware** [PLL13]. **min** [AS08, CCLT02, GL10, LCS12, LPW14, Mar03, MRHWS14,

NDGL06, RL07, YXF+13, YLLY05, CLK01]. **min-max** [GL10, MRHWS14, RL07]. **Minimal** [CMP+14, GPLT15, CVM+15, Ili00, MP93]. **minimal-length** [MP93]. **Minimization** [HS14, HS16, AAZZ12, BO07a, LLS10, SV15, ZL16]. **minimize** [PLD16, dOSAU04]. **Minimizing** [CMN12, CE08, GMP08, KLSS10, WYHL09, hCgKsYwT96, CK09, LMT10, SZ07, VL10, ZWO+96]. **Minimum** [FSH+13, KWS+11, LRM+06, MJ15, OdG96, OR11, ORS93b, SL95, WCY04, ZWYY10, BLS07, CFM13, CLK01, cFKSS99, FEC13, Geo08, HLL13, KWCR10, NPY07, PZGLA98, TK12, UN11, Wan04, XY10a, XGF+14, YYZ06, ZH08b]. **Minimum-cost** [LRM+06, ZWYY10, PZGLA98]. **Minimum-delay** [MJ15, BLS07]. **minimum-energy** [HLL13]. **Minimum-latency** [OdG96, SL95]. **minimum-maintenance-cost** [FEC13]. **Minimum-power** [WCY04, Wan04]. **mining** [LLW+09]. **misbehavior** [CRB09]. **misconfigurations** [LLW+09]. **miser** [BRS06]. **Missing** [LCQL14, HSFK09, LCL13a, ZL15]. **Missing-tag** [LCQL14]. **mission** [EML12]. **Mitigating** [KKV16, KG99, TEML09, ECN09, WZR08]. **mitigation** [AYS+13, CH11, LPCVC13]. **mix** [SD00]. **mix-dependent** [SD00]. **mixed** [BSH+11, VWT+14, VSR11]. **mixed-line-rate** [BSH+11, VWT+14]. **mixing** [DMK05, RVR93]. **MLSR** [AEB02]. **MNCM** [TT09]. **Mobile** [LLY+13, TEE16, ACR12, AWKN16, AKSS12, ACCF12, CE09, CZF+16, CPGZ15, CDH+10, CFZ97, CMGL11, FHH10, Fan05, GGL09b, GGL09a, GH04, GV06, HL98a, HLS14a, HAGL16, HH10a, HSPH09, HH10b, IGHT15, KLZ12, KSA12, KD10, KG10, LH07, LKC+13, LSC99a, LC04a, LCL+12b, LKZ+04, MD04, McM95, MWC16, MEWP13, NL99, NCT14, PD16, PMH95, RM08, SMS07, SHN16, SK06, SPR08b, SPR08a, TRKN12, TLP+16, UN11, WSC08, WWL02]. **mobiles** [KAEAS14]. **Mobility** [GT02, JYC+16, QTWW16, WLWL13, AW04, AGL16, AS07a, AS07b, BCB99, BLDF09, BLB10, CMGL11, CPS13, HL99, HSPH09, IPG97, LBB08, LKL00, LH03, LSMS06, LH10, MYYR13, MHS95, MSA+16, PS15, RVS+02, RSH+11, VG04, WA11]. **mobility-aware** [BLB10, WA11]. **mobility-transparent** [BCB99]. **MobiSpace** [LW11]. **mode** [AKS96, MBG+02, XWG14]. **Model** [CMP16, HS16, RHQZ13, WWTK11, AIN+15, Ada98, AS07a, AAB05, AAZZ12, ASSK13, BBM93, BPPP12, BBFG95, CAK12, CT95, CHA95, CBAT06, CJZS14, CL08, CL09b, CDPLCA16, EMPS06, FJ07, FNQ00, FK03, HS06a, HAGL16, Hey97, HLP11, IK09, JC13, KZ97, KLOS11, KLS11b, KRSY02, KV09, LV06, LDH+12, LWL04, LLLT10, LNC93, Low03, LC94b, MGG+05, NST01, NCT14, PFTK00, PMW10, QZZ+13, RCFC15, SSV13, SWL06, SSD93, SV98b, TYJ16, TCPV13, XY09a, YWLL09, YMKC08, ZY07a, ZCL11, ZFC15, ZZZM03, ZY16]. **Model-based** [WWTK11, AIN+15, YMKC08]. **Model-driven** [RHQZ13]. **Modeling** [BBCD14, CR99, CBAT06, CCY+14, FCL97, Fan05, GSK08, GYSPR14, HOT97, HL03, HSPH09, HMvdLM07, KL07, LBHO07, LRC15, LC04a, MJ01, MCLG07, MDL07, PFTK00, SRS03, SJGH10, TS08, WLL13, WLR10, YR01, AS07b, BG98, BYH+15, CAO11, CZCC14, DM14, FNQ00, GMSK09, HS08, HDM10, Kam96, LT02, LZL12, LMS04b, LG13b, MGK12, MCR10, NT00, PF95, SGSB+15, SNSW12, TG09, TB10, WL10, WA11, WK13, XB07, YZ10, ZS04, ZNN+10]. **modelling** [ZRK06]. **models** [ALWD05, AS07b, BGK+16, CFG08, FJ95, GLMM04, GS98, HL96a, IZC00, LJ09, LNR94, LTP10, MCS99, MA12, MBM09,

NS03, Pax94, SD15a, SKV03, TMP07, ZCD97, ZL16, vRWZ09]. **moderate** [LMW16]. **modern** [SRS08]. **modes** [Tha04]. **modification** [WSMJ04]. **modular** [BYH+15, IBM95, KR00, LY94]. **modulated** [SRS03]. **Modulation** [CK10a, CGK10, EF08, LZZR12, YZBR14]. **modulo** [OdG96, SL95]. **modulo-** [OdG96, SL95]. **Molecular** [DGLM16]. **Moment** [PJ13]. **Moment-based** [PJ13]. **mongering** [DMC06]. **monitor** [MHL+14]. **Monitoring** [XY09b, ARK09, BTH11, BRISCSP11, BR06, CBSK07, JL12a, Kuc14, LCH+06, RW93, RHC+12, SLC+07, SBDR10, TAG08, THRW12, WS05, XZB08, ZF96, ZGTG05]. **monotonicity** [IK09]. **motioncast** [WHW+11]. **motivation** [CSEZ93, WJLH06]. **move** [KM10]. **Movement** [AHL96, SH12]. **Movement-based** [AHL96]. **MPEG** [FNQ00, LS03b]. **MPLS** [CN10b, HM04, LBB08, SSFM08, WL08, dOSAU04]. **MPLS-based** [HM04, LBB08]. **MPR** [BJY11]. **MPR-aware** [BJY11]. **MPTCP** [KGPL13]. **MRF** [CLS07]. **MSP** [LS93a]. **MST** [CFM13]. **MSXmin** [KR00]. **MTI** [ZL15]. **MTU** [MG95]. **much** [LLY+13, SSFM08]. **MulTFRC** [DW11]. **Multi** [BGHS10, HSH+06, Med95, TH97, XSH+15, ARS16, AAV09, BSH+11, BESW08, CW16, CF94, CRS99, COS95, DV09, GKJ12, GSK08, HIM07, JS09, KN05, KS09b, KG16, LMS05a, LMS05b, LHB+05, LRL08, LJ09, MHSC95, MRD08, Nee08, NL07, NSCR06, SKK07, SKE16, SCY15, TMH97, Voi07, XZTT08, YS07, ZL16, ZGS10]. **multi-** [ZGS10]. **Multi-access** [TH97]. **multi-armed** [GKJ12]. **multi-band** [SKK07]. **multi-bit-rate** [BSH+11]. **multi-channel** [MHSC95]. **multi-class** [KG16, LMS05a, LMS05b]. **multi-constrained** [XZTT08]. **multi-hop** [BESW08, CF94, DV09, GSK08, HIM07, JS09, KN05, KS09b, LHB+05, LRL08, NL07, NSCR06, SKE16, TMH97, YS07, ZL16]. **Multi-hour** [Med95]. **multi-lateral** [SCY15]. **multi-layer** [LJ09]. **multi-match** [CW16]. **Multi-node** [XSH+15]. **Multi-path** [HSH+06, CRS99, Voi07]. **multi-radio** [AAV09]. **multi-ring** [COS95]. **multi-striding** [ARS16]. **multi-system** [MRD08]. **multi-traffic** [Med95]. **multi-user** [Nee08]. **Multi-VPN** [BGHS10]. **multiband** [HG14]. **multibeam** [NMR03]. **multibid** [MT06]. **multibit** [SK03]. **multibuffer** [BBFG95]. **multicarrier** [AZ11, LCZC13, PWK+13]. **Multicast** [AGKK03, GMP13, KPP93, Li09, LLLT10, LPW14, LHM02, LDHT02, MBG+03, QY04, QJZ+16, Ram96, SG96, WFH12, ASW00, AC98, AK14, AADS05, ACKZ14, BCP13, BOY00, BO03, BLBS06, BV96, BAL10, BKTN03, BLS07, BKLM06, BL94, CBD02, CA03, CC95, CV12, CNS04, CH93, CHCH00, CGY00, CTG00, CGK10, CFD06, DS04, DEF+96, DMS06, EAB02, FK07, FY07, FJL+97, GLZC12, GLAMM11, GHK02, GJVZ06, GLSB08, HPR06, HGE04, HSE97, HL05, HL00, Jia98, KR00, KHTK00, KD00, KLS03, Kok10, KHW12, KK12, LNB00, LNB01, LLL06, LWL+11, LLW+12, LZZR12, Lia06, LO02b, LORS06, LG13b, LRM+06, MP08, Mod99, MJ15, NBT98, OS05, PPV04, PSA96, QTWW16, RPGE04, RMM99, RGG11, RK06, RG98, RKT02b, SA04, ST05, Ses97, SLS10, SG05, SM00, SV11, STL04, SL07b]. **multicast** [SR14, THMK12, VHvdH01, VAS00, WZR08, WCY04, WQC06, WCAB15, XY10a, XFS06, XL11b, YFB02, YZBR14, YJH05, Zap04, ZSSK02, ZS03, ZS04, ZJS+12, ZKO93]. **Multicast-based** [LDHT02]. **multicasting** [AKS+13, FMMLH06, HLL13, KEW06, LE13, LCZC13, Pan99, PZGLA98, SSM06]. **multicasts** [WL99]. **Multichannel** [GIKK11, AK14, BSYS12, CLSC15, CL16b,

HL15, JGLS14, JGS+15, JMI95, KV09, LZ09, LR09, MSH95, MS15, OY13, SKS16, SX10, WXR13, WLR10, WLZ11]. **multiclass** [CN10a, JK96, KWC93, KL09]. **multiCode** [KCB03]. **multiCode-CDMA** [KCB03]. **multicolumn** [LSV99]. **Multicommodity** [GS98]. **Multiconfiguration** [JM00]. **multiconstrained** [Yua02]. **multicore** [GBL12]. **multicost** [CKV11]. **multicriteria** [SS10]. **multidimensional** [CW16, LH03, LS07, Sha94, ST13]. **multidomain** [DMB94, EST93]. **multifiber** [BPPP12, LS01]. **multifractal** [VR13]. **multigigabit** [VS97]. **multigranular** [CAQ07]. **multigroup** [LQCC16]. **multihoming** [AMS+08, AMSS08, IAS06]. **Multihop** [URZ+14, AZLB16, BE08, BD07, Bej04, BB95, CFC01, CFZ97, CJZS14, EL11, EOSM10, EML12, GW94, GS97, GPM03, GGM10, GS11, HLW13, HK11, IBM95, JR14, JJS13a, JJS13b, JP09, JP13, JLS09, JL98, JM00, KWE+10, Lab97, LDFK12, LSLL14, LK02, LE12b, LS06c, LHM02, LSS07, LLS10, LB04, LEY14, LG13b, MKS16, NT00, PSK+15, QZZ+13, RL93, RJJ+11, SLS10, SPB16, SH14, TSR14, WB11, WSW12, WWT05, XWWC16, XW11, XLWT12, XE13, YSRL11, ZA95]. **multihour** [APSKPMGM12]. **multilateral** [AJF11]. **multilayer** [FDG+10, SSV13]. **multilayered** [AEB02, VAS00]. **multilevel** [NR98]. **multimatch** [XLZC14]. **multimedia** [ALJ99, AW04, ACC+94, CNS04, CCL99, CJJ09, CHH06, FqL98, GZT03, HL05, Jia98, KPP93, cLqL97, LAN97, LS97c, LMS99, RR93, RVR93, SL94, Wan04, WD05, YL97, ZLS96]. **multimesh** [TH97]. **Multinet** [Kim94]. **multinetwork** [FHSZ13]. **Multiobjective** [SBDR10]. **multipacket** [QAZ12, ZT03]. **multiparented** [GKT93]. **multiparty** [CSS06, LZL11]. **multipass** [KKSS12]. **Multipath** [BO07a, PWHL16, RRS+14, AFT11, BD07, CER12, CWW+15, GR16, GLSB08, HMM11, IAS06, JRY09, LMR07, NCK15, PM09, RDO+07, SRP+11, SKRK12, VWT+14, ZPCS11]. **multipattern** [BBK12]. **multiperiod** [BWS10]. **Multiple** [HR14, KHČ+09, MVCS16, BRISCSP11, BB06, BKTN03, BH06, CU95a, CU95b, CT04b, CFZ97, CY14, DMC06, FUDA03, FP14, FMMLH06, GKT97, HC02, HKLS12, HL03, JVY06, JF04, JL12b, KHTK00, KA03, KK03a, LS94, LS06a, LE06, MSB97, MSSZ12, NMH99, PG94a, QGCL11, Ram08, RCOC03, SCN12, SDV06, SS06, SAKS13, SSM06, SPR08a, SKUB12, TNRP11, Tha04, WS93, WC08, ZBXH13, ZNZT16, ZWYY10]. **multiple-access** [CFZ97, SKUB12]. **multiple-copy** [SPR08a]. **Multiple-Description** [MVCS16]. **multiple-path** [TNRP11]. **multiple-plane** [RCOC03]. **multiple-primary-user** [JL12b]. **multiple-set** [HKLS12]. **Multiple-Unicast** [HR14]. **multiplexed** [GV93, QM99]. **multiplexer** [BKH+93, BBM93, CDS02, LMS99, SL94, SS98, SSD93, WM96]. **multiplexer/scrambler** [BKH+93]. **multiplexers** [BGVC00, HLG94, KS01a]. **Multiplexing** [SJ95, BRM+13, BS15, CP95, CJW11, CW10, FT06, cLqL97, LM95, Lee96, RRG10, Ros96, SD00, SR14]. **multiplexors** [PS98, SJ95]. **multipoint** [MGR02, ZRLD05]. **multiprocessor** [BG98, OKM94, SKT96]. **multiqueue** [ZT03]. **multiradio** [CLSC15, LCG+14, XWWC16]. **Multirate** [LE13, LWC+14, BD97, CH04, CSN06, FT07, GS97, KBV+13, LDFK12, LY94, LNC98, LC96, LB04, MGR02, MG97b, MMR96, ST05]. **Multiresource** [JWSLC13]. **Multiscale** [RRB06, YD07]. **multiservice** [Guo04, IZC00, MG97b, PL02, RG98, SD00]. **multisink** [YYZ06]. **Multisource** [DYX12, YYZ06]. **multistability** [RKA08]. **multistage**

[CHA95, Kim94, SMSM06, YD07, YZ10]. **Multistar** [TYL94]. **multistation** [BBL95]. **multiswarm** [LZL11]. **multitenant** [LZW+15]. **multitier** [CJH+11]. **Multiuser** [TW10, BRM+13, BNS11, GNP+13, LOP97, ORS93a]. **multiview** [RCFC15]. **Multiwavelength** [RS98, RIM98]. **multiway** [LSV99]. **mutation** [YBX+12]. **mutual** [FHH10, RC08, RCS14]. **my** [ZZH+10].

N [BKH+93]. **name** [LNC93, TR98]. **name-based** [TR98]. **nanoscale** [LG13b]. **Nash** [BS09, IW08, KG05, SAM10]. **native** [AKS96]. **native-mode** [AKS96]. **nature** [KL13, LTWW94, RSH+11]. **nD** [HBH93]. **nD/D/1** [HBH93]. **Near** [Nee16b, PPV12, SS10, HMNK13, JGS+15, LLY+16, SGD05, XAST12, YGKX10]. **Near-Optimal** [Nee16b, PPV12, SS10, HMNK13, JGS+15, LLY+16, SGD05, YGKX10]. **near-zero** [XAST12]. **need** [TMH97]. **neighbor** [CK11, MWC16, VAGT13, YWLL09]. **Neighborhood** [RJJ+11, TAB+15, GLG04, LS99, YDS10]. **Neighborhood-centric** [RJJ+11]. **neighboring** [Kop96]. **neighboring-queue** [Kop96]. **nested** [FHH10, LNC93]. **NET** [DGLM16]. **Netfind** [SP94]. **netflow** [LDK12]. **NetInventory}** [BGJ+04]. **NetQuest** [SQZ09]. **Network** [AZLB16, AVS04, ABS+16, BCL12, CBLVW06, DT15, DGLM16, DLLL16, DL04, DLPT06, ES05, FR07, FP14, GG94, GCS06a, LCH+06, MVCS16, MG97b, PPK15, QL16a, RRS+14, RKPP16, SQ16, SWKA01, SM14, SRB10, THRW12, UN11, VLM16, XL11b, YSJL14, ZEV07a, AIN+15, AP93a, Ada98, ACVS10, AS09, AM16, AD14, AD96, AVPG14, AZ09, ACKZ14, AC09, BMVB09, BSSLB95, BM09, BIV01, BGVC00, BSF16, BS97, BPS99, BE06, BLC11, CHML15, CFP+09, CHM+05, CC06, Cha10, CL07, CFS06, CBSK07, CTH10, CJH+11, CLC12, CZM14, CBL15, CHLS07, CMN12, CDH+10, CEFS99, CRB12, CCKK16, CBL06a, CK09, CN09, CM05c, CBL06b, DM95, DMC06, DFMR15, DYH13, DBDJ14, DXT+12, DK98, DLH+14, DFZ06, DLT+15, ESG11, EDBN12, EDM16, ES03, FWL08, FAB12, FK13, FSM14, FSH+13, GKJ12, GLMM04]. **network** [GGPS96, GCZ98, GLH95, GS98, GR14, GB99, GLLJ16, GCS06b, HAGL16, HBS96, HFC+13, HC07, HSS08, Hou15, HKB14, HK11, IBM95, ILS97, JK15, JMI95, JAW11, JKJ13, JWSH15, JLM15, JS14, Kam10, KRLL11, KL07, KRH+08, KL08, KKSS12, KLZ12, KHG+14, KWS10, KBV+13, KL03, KLS03, KM03, KSV07, KCB03, Kop96, KLO97, KWH11, Kuc14, Kum98, KHČ+09, KCCM16, LE13, LSB06, LRJ08, LBFE09, LLW+09, LK95, LL95, LZSS10, LMMN07, LS06b, LD95, LCH95, LC04a, LBL07, Lia06, LDGL13, LO02a, LZC09, Lin97, LS05a, LÜ14, LJC05, LJ09, LNL+16, LDHT02, LMS04b, MJ01, MM13, MG97a, MMH+15, MA12, MG16, MIB+08, Med95, Mil95, Mil98, MMR96, MW05, ME96, MRHWS14, MBRM96, Nee13, NT00, NS98, OF11, OMA+10, OJRCC02, OR11, OWKS16, PPPW05, PYL99, PT00, PS09, PHL15, PRR06]. **network** [PFC96, PS93, LZKT99, QL16b, QY12, QS04, RCW15, RGKR10, RJCE06, RW93, RS97a, RZC11, RS12, RVV+15, Ros05, RKT02b, RW96, SKT96, SGR13, SKE16, SYDM09, SJGH10, SLG+16, SJL+16, SS06, ST04, SNXT13, SDW14, SLL15, SL07a, SSM06, SLL+11, SC95, Sob05, SZM08, SQZ09, SV11, SV15, SK97, SKZ03, SCKB09, SZL+14, SAS+16c, TPC09, TK12, THP94, Tas96, Tas99, THDD05, TNML93, Tod94, TMP07, TKI+15, THMK12, Tre11, VW09, VV09, VVP+13, WBEGS05, WS06, WC08, WLC+10, WDCL15, WM16, WSMJ04, WCAB15, WNV13, Wu94, WJK06, XY10a, XB07, XZB08, XL11a, YYZ06, YD04,

YWA08, YW11, YSZL15, YL16, YASS15, YKKY08, YR01, YS07, YGC10, YMKC08, YGKX10, YTL12, YCM11, YWZZ16, ZH08b, ZNK+13, ZCX+15, ZBA16, ZCB09, ZWYY10, ZGS10, ZKO93, Hu93]. **network-coded** [ACKZ14, THMK12]. **Network-coding** [XL11b]. **Network-Coding-Based** [SQ16, KWH11]. **network-distributed** [BM09]. **network-edge** [WBEGS05]. **network-failure** [LJ09]. **network-internal** [LDHT02]. **Network-layer** [AZLB16, AC09]. **Network-level** [BCL12, WLC+10]. **network-on-chip** [AIN+15]. **network-state** [SZM08]. **Network-wide** [FR07, THRW12, BSF16, GCS06b, LLW+09, Tas96]. **Networked** [JL12a, CT01, DPR06]. **Networking** [BBCD14, CCE+06a, CCE+06b, CPGZ15, HS06a, IGE+03, LCL+12b, LCG+14, MHRR12, SRR08, TLS+12, VT12, YL98]. **Networks** [ACC+14, APSG14, CLW16, CMP16, CMP+14, DYW+16, FZ16, HKS16, HR14, HK14, KLE16, LLL+16, MMT14, NSP+16, QJZ+16, RZS14, SK11, TS14, URZ+14, WLC16, WCC14, ZFW14, AHK08, AS94, AC16, AS14, AK01, AA93, AACD+96, AK00, AKA10, AEG+13, AC98, AJV06, AK09, ARK09, ARK11, AA04, AA05, AHL96, ALJ99, AJDH01, AMP01, AEB02, AW04, AAM05, AMKY99, AA99, AGLM10, AGL16, Ali06, AK14, AK15, AS07a, AS07b, AB05, AWKN16, AD11, AABD13, ANSX13, ACCF12, AADS05, AZR97, ATB+10, And04, AZ03, AL98, APSKPMGM12, AS96, AWFT15, ABJ+13, ALMR14, AAV09, AJ06, AST11, BTH11, BCP13, BBG11, BE08, BD07, BO00, BCP00, BPPP12, BCGC15, BTC05, BM00, BO07b, BBFG95, BY06, BJ15, BBLV06a, BBLV06b, BCB99, BSH+11, BV10, BV96, BF01]. **networks** [Bej04, BB06, BR06, BS97, BM93, BLCT97, BTC01, BK00, Ber00, BB95, BNJR12, BNJ16, BT93, BM97, BV05b, BI00, BLT02, BSS14, BSYS12, BD97, BP96, BC01b, Bor05, BMS14a, BCC07, BLB10, BS15, BL04, BLRC05, BDWS12, BDHR10, BGJ+04, BM08, BZM08, BESW08, BWS10, BCMR04, CE09, CKS16, CLP12, CN10a, ÇY07, CAO11, CAQ07, CKL16, CZF+16, CFM13, CFPP96, CGM04, ÇM15, CFG08, CM05a, CT04a, CH04, CV12, CRL96, CB11, CCL11, CL15, CHA95, CT04b, CM05b, CRD08, CLC12, CGW+12, CL12, CZM14, CSS+14, CSSJ14, CS14, CC96, CCL99, CZ06, CYK09, CZC+13, CLSC15, CTG00, CH11, CFC01, CE08, CF94, CFZ97, CZFF98, CPR99, CS98, CCA96, CSC04, CJZS14, CLW95, CMV10, CL05, CL09b, CW10, CKR93, CAL09, CGS93, CMGL11, CD96, CGEN98]. **networks** [CSEZ93, COS95, CJ97, CR98, CK00, CGK10, CN10b, CK11, CNP13, CG15a, CG15b, CL16b, Con11, CLG+00a, CLG00b, DM03, DPBT11, DS99, DS04, DT93, DHSS14, DJ14, DSTM12, DMB94, DYX12, DZNT14, DV09, DLL+11, DBT05, DFT06, DZH03, DRR98, DGG+02, DM96, DJM97, EAB01, EAB02, EMPS06, EL11, ES96, EH11, ECN09, EM93, EFK07, ES07, EOSM10, EM09, EML12, FK07, FCL97, Fan05, FGK10, FRC98, FGL+01, FC99, cFKSS99, FMD13, FMMLH06, FEC13, FMSM+11, FJ95, FT07, FM06, FML09, FqL98, FCT03, GP96a, GMP13, GMP08, GTS+09, GW94, GLZC12, GDC+16, GSK08, GGL09b, GGL09a, GV93, GH04, GNP+13, GM03, GGC93, GGFS02, GT06, GCZ96, GSKR99, GS10a, GS13, GM00, GIKK11, GGH11, GP94, GKT93, GL93, GB10, GP96b, GZCX16, GRB09, GGK99]. **networks** [GEHM02, GVC97, GSA15, GT00, GS97, GT10, GT02, Gro99, GMYP16, GMS16, GO99, GPM03, GAA08, Guo04, GL10, GZDG06, GLS09, GS10b, GGM10, GS11, GMSK09, HS06a, HIM07, HLL13, HA16, HRCW08, HTAZ16, HKL06, HH10a, HBU95, HA96, HA97, HM04, HTC04, HSS08, HSPH09, HH10b, HKCL13, HS06b,

HY08, HL98b, HL05, HMvdLM07, HMM11, HW12, HLW13, HN13, HK96, HKT95, HL00, HLL06, HK11, IKDD15, IW08, IK07, IMG98, IK09, JR14, JDSZ97, JS11, JMS07, JJS13a, JC13, JJS13b, JGLS14, JGS+15, Jia98, JZC11, JSuRKH03, JPH08, JW10, JYT+15, JLX+16, JK05, JJ08, JP09, JL12a, JP13, JS09, JLS09, JS14, JBR16, JL98, JM00, JF04, KV96, KL12, KV98, KJF+00, Kam10, KK16, KWJY16, KWCR10, KKJ06, KKEE13, KA98, KK07, KIR08, KGL03, KS10, KE16, KT11, KS95, KA03, KCTI08].

networks
[KNP05, KK93, KDHK15, KEW06, KSA12, KL95, Kim98, KqL99, KK00, KD00, KS09a, KLSS10, KWS+11, KLS11a, KS11, KDYV12, KRKH10, KR05, KG10, KN05, KMZR12, KES13, KMHS09, KWE+10, KNK+14, KG05, KEY99, KHW12, KT06, KT07, Kri14, KS01b, Kuc14, KWZ08, KIR06, KRSY02, KLT15, KL09, KS98, KS09b, KT08, KGGZ11, KV09, LH07, Lab97, LBRA05, LM97, LMR99, LTS10, LSV01, LBB08, cLqL97, LDFK12, LSLL14, LK16a, LPKF10, LOP97, LMS12, LNS11, LS93c, LH95, LLD96, LT02, LS03a, LMS06, LMR07, LBHO07, LML10, LML11, LKC11, LLM11a, LKC+13, LLM14, LCS12, LGC16, LMP08, LYRL07, LYWL08, LYS93, LA95c, LAN97, LMSKZ99, LZ06, LCH95, LSC99a, LSC99b, LKL00, LM01, LS01, LWL04, LHB+05, LH05, LLL06, LLS07, LQXX07, LTZ08, LZF09, Li09, LGS09, LLLT10, LL10, LLM11b, LBX11, LYC11, LEYS11, LPF12, LE12a, LZL12].

networks
[LE12b, LG13a, LSZW13, LZL+14, LPW14, LZES14, LH14, LXY+14, LZW+15, LM15, LLE15b, LHZ+16, LNA07, LLNC09, LH03, LS06c, Lia06, LWT+15, LHM02, LO99, LWF96, Lie97, LNC98, LJA14, Lin93, LSMS06, LS06d, LS06e, LSS07, LR09, LLS10, LW13, LC96, LB04, LLL10, LFZS11, LK13, LCZC13, LEY14, LWR15, LNL+16, LHC+16, LWR+16, LPCVC13, LO98, LG13b, LLS09, LV93, LBS99, LXC05, LLW+14, LFL14, LTP10, LC94b, LNC04, LRM+06, LKZ+04, LYL07, LP07, LLY09, LRG10, LH10, MLLY06, MVRZ09, MCLG07, MBL10, MGCK15, MOR13, MRM99, MPS01, MSS+12, MD04, MWQ+10, MKS16, MQ05, MR98, MBLN93, MFL+04, MGG+05, MPF+15, MSB97, MOZ05, MOY00, MBF+02, MGR02, Med95, MG97b, MSP+07, MWC16, MDMM09, MS95, MSSZ12, MJ13, MHSC95, MV14, MRD08, MHXT10, MEWP13, Mod99, MR96, MMS01, MS15, MA98, MK96, MK98, MAS09, NOF14].

networks [NSS96, NM06, NS03, NML08, Nee09, NL07, NPY07, NCT14, NSW11, NTS12, NLB15, NSCR06, ODC+16, ORS93a, ORS93b, Ord99, OSZ+06, OY13, OB03, OÇ10, PWDL05, PG95, Pan99, PM96, PSK+15, PG93, PG94a, PNRMC13, PS05, PLR15, PL02, PLS07, PEA09, PA12, PCV08, PG94b, PT94, PPSV13, PBKG11, PRR06, PPV12, PS94, PGV16, PJ13, PCL15, PK01, PES+12, QZZ+13, QM99, QY04, QGCL11, QSS+15, RrBG94, RGKR10, RP13, RDO+07, RSM09, RGG11, RRG10, RM02, RCGS09, RR93, RL93, Ram96, RS04, RM08, RS08, Ram08, RS95a, RS97a, RS98, RRK96, RLKT98, RVS+02, RJJ+11, RSS09, RK06, RG98, RLP06, RB95, RD11a, RSR10, RWA+08, RS07, Ros96, RZVZ06, RZZ06, RL94, RCGT06, RA95, RS97b, RKNS10, RYS12, SMG05a, SMG06, SMT98, SSV13].

networks
[SKY10, SK10a, SK12a, SLP07, SPH04, SAS16a, SMGP15, SEK15, ST05, SZG09, SG13, SKR+09, SAS+16b, SJ12, SM14, SM16, SW04, SRB10, SLS10, SMS07, SM08, ST09, SSHK11, SKRK12, Sha94, SYP01, SYR05, She95, SH12, SCR08, SCY98, SS09, SS10, SL12, SK10b, SK12b, SBP03, SM00, SLH+06, dSeSGM95, SMM11, SSAK12, SAKS13, SKS16, SM05, SMSM06, SR94, SEMO09, SR01, SKCW10, SSFM08, SH07, SZM08, STC12, SPR08b, SPR08a, SS04a, SGD05,

SKUB12, SPB16, SX10, SB07, Ste08, SS04b, SV98a, SSZ03, SRD+09, SDW00, SD00, SA05, SAS96, SAS99, SSA08, STL04, SD15b, SS07, SR14, SSR+11, SN15, Świ96, TW10, TKN06, TXL+12, TK12, TCS13, Tan16, TWL06, TX08, TAG08, TWHR11, THBR14, TSR14, TJ95, TSGR08, TKZ94, Tia05, TS08].
networks
[TH97, TWL05, TEML09, TCPV13, TMH97, TdWC+94, TAH99, TYLH09, fTL06, TLP+16, TS09, VWT+14, VJV14, VOK09, VG04, VS97, VAGT13, VRK09, VCM04, VA06, VA09, WZR08, WCY04, WY06, WXBZ04, Wan04, WLLD05, WQC06, WSC08, WYL09, WLL+11, WB11, WA11, WVG12, WSW12, WKA+13, WHM+13, WLWL13, WCH95, WLS97, WCY00, WLL01, WK13, WKZL96, WM95, WWL02, WS05, WWT05, WS08, WFS09, WMFS10, WTS+13, WFGZ13, WHTC15, XY10b, XTMM11, XL99, XXBC14, XK06a, XSHS12, XSH+15, XWWC16, Xin07, XC08, XM99, XW11, XLWT12, XL11b, XK06b, XE13, XGF+14, YMR00, YBG+12, YD04, YD07, YLL10, YXF+13, YKZ+13, YJZW15, YJ15, YWLL09, YCV15, YS93, YHE04, YAA09, YLH15, YOY97, YGC10, YSRL11, YZBR14, YKGF08, YG10, YZ10, YNDM09, YM05, YBX+10, YC12, ZOM03, ZA95, ZWDS00, ZSSK02, ZZZ+07, ZY07b, ZH08a, ZKL11, ZSFZ11, ZA11, ZNK+13, ZCJ+13, ZYL+14].
networks
[ZZZ+14, ZCW15, ZHC16, ZNZT16, ZT03, ZG08, ZR09, ZTS11, ZLC12, ZXH+13, ZW14, ZL16, ZWTC16, ZF96, ZW10, ZPCS11, ZRP00, ZZZM03, ZRK06, ZJ12, ZZHZ13, ZM04, dFV02, dOSAU04, DKL01, vRWZ09].
Neumann [CLY06]. **neural** [CCL99].
Neutral [Ma16]. **neutrality** [MM13].
NewReno [PMW10]. **Newton** [SBNRS14].
next [AMI+07, ALMR14, DDPP00, DHSS14, MD04, THDD05, VA07].
next-generation [AMI+07, ALMR14, DDPP00, DHSS14, MD04, THDD05]. **NFA** [ARS16]. **NFA-based** [ARS16]. **NIRA** [YCB07]. **No** [CN16, SPGM13, KS01b, MSS02, RK06, TT09]. **Node** [YWLL09, YY98, ZW14, ZM04, AGLM10, BM93, BKLS08, CRB12, DT15, FMD13, FM06, GGPS96, Ili00, JK15, JRY09, KKJ06, KRKH10, LYRL07, LG13a, MHXT10, NSS96, PM09, PG93, PG94a, LZKT99, SSHK11, TT09, THP94, WL07, XSH+15, ZSCJ14, ZWYY10]. **node-based** [PM09].
nodes [CR14, GGL09b, GGL09a, GV06, IW08, KDHK15, LC03, MSB97, MEWP13, OWKS16, QY12, RPZ+09, SNXT13, SK13, VJV14]. **noisy** [AC16, CLM+16]. **Non** [APSKPMGM12, HKB14, LMS05b, BB96, CS00, KG16, LC03, MLT12, SYP01, YLH15].
Non- [APSKPMGM12]. **Non-blind** [HKB14]. **non-blocking** [YLH15].
non-bus-oriented [BB96]. **Non-convex** [LMS05b]. **non-FIFO** [LC03].
non-homogeneous [KG16]. **non-optical** [SYP01]. **non-prefix** [MLT12].
non-real-time [CS00]. **Nonblocking** [MHSC95, CTH10, HL00, JPH08, LA95b, LNC98, LC96, MSH95, NPQ06, NWP09, NMH99, PB93, ZGS10]. **Nonconcave** [BMS14a]. **noncooperative** [BPPP12, KAEAS14, LO99, WHTC15, ZWTC16, ZW10]. **nonequivalent** [WXC16].
nonexclusive [SL14]. **noninterruptive** [HLL06]. **Nonlinear** [RAL04, CGMS13, PILR05, ZEV07b].
nonovertaking [CCL09]. **nonreal** [HLG94].
nonreal-time [HLG94]. **nonregulatory** [MM13]. **nonresponsive** [ZDR04].
nonsaturated [MDL07]. **nonstarvation** [LZC09]. **nonstationary** [AZ06a, KZDM07, VR13]. **nonuniform** [BBFG95, LA95b, NT00, WH97].
nonuniformly [MPL09]. **nonzero** [ZA11].
normal [AM16]. **Normalized** [CFM+09, Kuc14]. **North** [MHRR12]. **note** [ZCW15]. **Notification** [EPB14, GKPS06, JRL15, LAJS07, SCN12].

Novel [WWT05, AEB02, BO07b, BSS11b, CLC+01, GIL+15, HXLZ11, JMS08, KCB03, LSC99a, LMS04b, RSS09, TWHR11, WY95, YJ15, ZY07a, ZZZM03]. **NP** [CAP15, CBLVW06]. **NP-completeness** [CBLVW06]. **NP-hard** [CAP15]. **number** [CL04, CTG00, GR14, GO02, JJSS04, LPIH11, NPY07, SZ07]. **NVS** [KMZR12]. **NWL** [THRW12]. **NWL-UFL** [THRW12].

O [qLP97]. **OBEX** [BH06]. **Obfuscation** [RVV+15]. **object** [HQW+16]. **objectives** [MR02, WC08]. **Oblivious** [KLOS09, YNDM09, BDS07, KLOS11, KLS11b, LSV01]. **OBS** [BV10, RZVZ06]. **observable** [VW09]. **observation** [DG01]. **observations** [GKJ12, SMC02]. **Observed** [KLPS06, OPW+10]. **observers** [WS93]. **Obtaining** [HFKC12]. **OC** [BKH+93]. **OC-48** [BKH+93]. **Occupancy** [GYSPR14]. **OFDM** [KT06, PWK+13]. **OFDM-based** [KT06]. **OFDMA** [AYS+13, ASKR16, CJJ09, CLL+14, CK10b, CG15b, EF08, GGM10, SR14]. **Off** [QM99, BGK+16, BBM93, MH02]. **off-duty** [BGK+16]. **Off-line** [QM99]. **offered** [GP94, PG94b]. **Offering** [JWSH15, KA03]. **Offline** [CMV10, NST+16]. **offloading** [DRJ+14, IGHT15, JWSH15, LLY+13]. **offs** [FLC09, LA95b, SMS07, WKZL96]. **offset** [GCS06a]. **oligopoly** [GS16]. **omega** [SYP01]. **On-call** [HKT95]. **On-Demand** [NST+16, AF99, DYX12, MEVSS03, PWMC12, ZEV07a, ZEV07b]. **on-duty** [BGK+16]. **On-line** [SMG06, ZY07b, BCN02, cFCcFW05, YKKY08, YF05]. **On-Off** [BBM93, MH02]. **One** [GCS06b, XSSK08, AS07a, CR99, FHH10, HLHD+04, IW08, JK15, KM10, PEA09, XWG14, ZBXH13]. **one-** [CR99]. **one-dimensional** [AS07a]. **one-hop** [PEA09]. **one-mode** [XWG14]. **one-sender-multiple-receiver** [ZBXH13]. **one-shot** [IW08, JK15]. **one-time** [FHH10]. **one-to-many** [HLHD+04]. **One-way** [GCS06b]. **Online** [KLS03, KLMW11, MSS16, PMAN16, SZW+16, BBMELH08, BLEM+12, CFS+10, CKV11, HZL16, JLX+16, LZL12, MGK12, MKS16, PES+12, XL11a, YKR11, ZLM16]. **ONU** [NM06]. **open** [KSG11, TEML09]. **OpenFlow** [CMFA14]. **operation** [BBL95, LC96]. **Operational** [CMP+14, FGL+01, MIB+08, NBTD07]. **opportunism** [PD07]. **Opportunistic** [BCL+09, BNJ16, CW10, CPS13, JL12b, LDK12, SKK07, WMS09, BGSSW13, BNJR12, CL09a, CB11, GSRS+15, KYY+12, KWH11, LS06b, LHZ+16, LYS11, LHC+16, Nee08, RGKR10, RHQZ13, SBD11, SK12b, TZP+10]. **opportunities** [CKS16, GMLP10]. **Opportunity** [ZKL11, ZLSK15]. **Optical** [BBG+10, NPY07, ARK09, ARK11, AA99, Ali06, AZ09, APSKPMGM12, AJ06, BTH11, BPPP12, BM00, BSH+11, BV10, BC01b, BL04, BLRC05, BM08, CAQ07, CJ14, CCL06, CV12, CCL09, CTH10, CSS+14, CFC01, CCA96, CSC04, CJ07, CCF04, CL05, CLG00b, DS99, DMK05, DBDJ14, DHSS14, FJ07, FMSM+11, GSKR99, HD07, JSuRKH03, JM00, KA98, KT11, KS01b, LBRA05, LSV01, LA95c, LQXX07, LYC11, LS06c, LHM02, LXC05, MBLN93, MBF+02, MSSZ12, MMS01, MA98, MBRM96, NM06, NS03, OSZ+06, OB03, PG95, Pan99, PEA09, QM99, RSM09, RIM98, RM02, RS04, RS08, Ram08, RS95a, RS97a, RS98, RZZ06, SMG05a, SK12a, SYDM09, SJ12, SYP01, SYR05, SEMO09, SKCW10, SS04a, SAS96, TWHR11, THBR14, TCPV13, TS09, WQC06, WS05, WYHL09, XTMM11, XL99, Xin07]. **optical** [XGF+14, ZA11, ZJ12]. **optima** [KLO97]. **Optimal** [AAG+16, AS96, BCP13, BFMF01, CZF+16, CL09a, CMP16, CL09b, CDM93, DS99, EMPS06, EKSV16, FMT03, FCT03, GT06, GZCX16, HS14, HS16, HLHD+04, HY08,

Ili00, IMG98, JS11, JBR16, KKEE13, KE16, KA03, KLS11a, KA95, LHL15, LMS12, LV00, LMMN07, LKL00, LZL11, LK16b, LO02a, LO02b, MKS16, MP08, MK98, Nee16b, PDSK04, PDE08, PS05, RBGK03, RKH+16, SV99, SAKS13, SSM06, SAM12, TM13, Tan16, THP94, TS14, UZ93, VLM16, WFS09, YAA09, YBX+10, ZSCJ14, dAF04, AS94, AABD13, BB94, BBLV06a, BBLV06b, CSSJ14, Coh94, CK09, DMC06, EOSM10, Geo08, GGFS02, Gro99, GMY13, HRCW08, HMNK13, HLW13, HN13, HL15, JAS10, JJS13b, JGS+15, JJSS04, JL98, KK16, KK07, KIR08, KGPL13, KDYV12, KNSV13, KWE+10, KT07, LCM04, LLY+16, LCL+13b, LLE15a, LLE15b, LSS07]. **optimal** [LTS05, LYS11, MAN15, MBG+03, MRD08, MLC07, NDGL06, NM09, NML08, Nee08, PT96, PLS07, PPV12, LZKT99, SBD11, SZKT98, SL15b, ST09, SSHK11, SHZ16, SS10, SGD05, SX10, SAS99, TAH99, Val07, WB11, XY10b, XCR11, XCR15, YWK07, YGKX10, ZB95, ZY07b]. **Optimality** [CGMS13, AWKN16, AEJV13, GS11, HN10, JGLS14, JW11, OY13, PL02, TWLC10, WZY+16]. **Optimally** [WCC14]. **Optimization** [APSG14, BBCD14, DMK05, Kar03, LL99, MHS95, XLAC16, AZ09, BE08, BGHS10, BH06, BLRC05, CNS04, CBL13, CL16b, DT93, GKJ12, GCS06a, HIM07, HK11, JLM15, KK12, LMS05b, LS06e, LSXS16, MCLG07, MMR96, Nee16a, NLB15, PLR15, RS07, RA95, RHQZ13, SLG+16, SDW14, SK10b, WLLD05, WD05, WLL01, YY98, YC12, ZHC16]. **optimization-based** [LS06e]. **Optimized** [ACC+14, CC06]. **Optimizing** [AWFT15, CFZ94, JLX+16, MVRZ09, NCK15, RIM98, SHHP00, TX08, ZT12, GSRS+15, LO96, LEYS11, LLE16, SJL+16, YMO97]. **optimum** [CD96]. **option** [MM13]. **options** [RS95b]. **Order** [KLE16, MSS+12, Nee08, ACC+94, FqL98, HLW13, KNR+16, LSXS16, MAN15, Tia05]. **order-optimal** [HLW13, MAN15]. **ordered** [FP97]. **ordering** [QCLC16]. **organization** [GZDG06, KK07]. **organizing** [FLMM10, LPCVC13]. **oriented** [BB96, CZ06, CZFF98, GS10a, GP96b, LWL04, WPL06, ZVN99]. **origin** [LTY06]. **origin-destination** [LTY06]. **originators** [FMMLH06]. **origins** [GMSK09]. **Orthogonal** [CYK09, KN05]. **OSA** [CSS+14]. **OSPF** [RBGK03, SDV06, SGD05]. **OSPF/IS** [SGD05]. **OSPF/IS-IS** [SGD05]. **other** [ACC+94, KWC93]. **out-of-sequence** [JID+07]. **Outage** [GGH11]. **outages** [DSA+14]. **outer** [AJV06, YYZ06]. **outlook** [FEC13]. **output** [CC95, CM93, GSD09, LS06a, MSS02, PB93, PDT09]. **output-queued** [GSD09]. **output/input** [PDT09]. **Overcoming** [PRR06]. **overflow** [PV04, TG97, VL10]. **Overhead** [FST+09, BSS09, CB99, JJL15, SHN16, TD03]. **overheads** [KP96, YDS10]. **overlaid** [YGC10]. **Overlay** [KRLL11, LT16, AADS05, BCMR04, CBSK07, CJV16, CR14, DLT+15, DZH03, FK07, FY07, ILS97, KCTI08, KEAAH08, OR11, PGV16, RPZ+09, SHHA09, ST08, SLL+11, SRS08, TAB+15, WZR08, XB14]. **overlays** [BLBS06, KLOS09, MJ15]. **overload** [GT06, LM15, NS98, Pil01, Rum93, Smi95]. **own** [ZZH+10].

p [CJ07, ZL15]. **p-cycles** [CJ07]. **P-MTI** [ZL15]. **P2P** [ANSX13, BQ08, FLMM10, LDH+12, LYWL08, LZL11, MLLY06, MRR+14, OAN15, PLD16, RS05, SQ16, STM+12, SRS08, TAB+15, WYL09, WLR10, WLZ11, YWLL09, YCL15, ZSCJ14, ZLC12, ZLW16, ZCL11, ZFC13, ZFC15]. **P2P-TV** [TAB+15]. **Pacifier** [KHW12]. **pacing** [EL11, SEMO09]. **PACK** [ZCM14]. **Packet** [AD96, BSF16, BPS99, BBCD14, DRM04, FZ16, GT00, HKS16, Hu93, LC03, LMT16, MBG+02, NSP+16, RZZ06, RS97b, SNLL16,

SEMO09, SSZ05, AK01, AK00, ACP05, ABJ+13, ARS16, BV05a, BO00, BAC12, BIV01, BBG+10, BM93, BZ97, BBC+02, BTC01, BB95, BLT02, BHL+06, CLP12, CT95, CGM04, CL03, CV96, CSLH13, CW16, CRV13, CH93, CM93, CT04b, CCL09, CF94, CZFF98, CKKK09, CH98, CCKK16, CF98, CT96, CAH08, DM03, DLH+14, DSR02, ENW96, EST93, EW08, FGK10, FK99, FMMR10, FJ95, GYB+04, GKS05, GV93, Goo08, GVC97, Guo04, HM06, IM03, IKM08, JDSZ97, Jia06, JL98, JM00, JL12b, Kam96, KMR95, KR00, KGL03, KqL99, KK00, KK03a, KR08, KNR+16, LS94, Le 02, LLLS07, LRC15, LZ06, LSC99b, LLJ+14, LMT10, LBS99, LS07, LS09, LCB+10, LRM+06, MEVSS03]. **packet** [MFL+04, MLT11, MLT12, MDMM09, MV16, ME96, NMC07, Pax99, QSS+15, RCOC03, RSR11, RCGT06, RB09a, SL94, SM00, Smi02, Smi08, SC95, SPS+02, SBDR08, ST13, SV98a, TT07, TC06, UBPE02, WLCC07, WH97, WY95, WKZL96, WXW11, XL05, XLZC14, YMKC08, ZKVM14]. **Packet-Based** [HKS16]. **packet-by-packet** [ABJ+13]. **Packet-dispersion** [DRM04]. **packet-forwarding** [CLP12]. **Packet-level** [BSF16]. **packet-loss** [KK00]. **Packet-mode** [MBG+02]. **Packet-Switched** [FZ16, GT00, BO00, BTC01, JM00, MDMM09, SV98a]. **packet-switches** [RCGT06]. **packet-switching** [WH97, WKZL96]. **Packets** [TSS14, BM09, CK07, JID+07]. **Packing** [GH93, CGY00, WJK06]. **Padded** [JMS08]. **page** [BMS14b]. **pages** [Bar95, SP94]. **paging** [AHL96, SZ08]. **pair** [LL09]. **pairs** [XGF+14]. **pairwise** [HMvdLM07, KWS10]. **paradigm** [AAV09, CPSWL96, LS97c, LMS99, MR96, WQZ+13]. **paradox** [RK15]. **Parallel** [GLH95, BBHHR10, DW11, HW99, IM03, KG16, LZ09, MSS02, RB02, SMG05b, WF93b, ZHLL06, ZGS10, Kai93]. **parallelized** [GBL12]. **parallelizing** [LO96]. **parameter** [ODT09, YKKY08]. **parameters** [DT93, HR95, LO98, MR98, RVA00, VG05]. **Parametric** [TMH11]. **parametrization** [LZL+14]. **Pareto** [BNS11, KGPL13, RSS09]. **Pareto-efficient** [RSS09]. **Pareto-optimal** [KGPL13]. **Parity** [NBT98]. **Parity-based** [NBT98]. **part** [DTM15, EMPS06, GP94, Kim98, PG94b, VW09]. **Partial** [ACC+94, CN16, HS08, Kam96, KE16, Lab97, LTY06, MG97a, MGG+05]. **partial-express** [MG97a]. **Partial-order** [ACC+94]. **partially** [Kim94, LC94b]. **partition** [LO02b, LORS06, OS05, WM95]. **partitioned** [AN05]. **partitioning** [BZM08, CKKK09, GF95, LYWL08, YJH05]. **pass** [WBEGS05]. **passing** [Hon94, PHL15, dSeSGM95]. **Passive** [LLL10, DHSS14, HQW+16, LM13, LCH+06, NM06, RW07, WJK+12, Wu94, ZA11]. **past** [PP02]. **PASTA** [BMVB09]. **patches** [VG08]. **patching** [EKSV16]. **Path** [CFS09, FGK10, HS14, HS16, JF04, LLL+16, RRG10, ZOM03, AM16, AL98, AZ06b, BC01a, BV96, BL04, CL03, CZ06, CRS99, CN08, CFS11, Con11, CTVD14, GZS15, GDC+16, GLAM97, Gro99, HSH+06, HAGL16, HBB09, Ili00, IMG98, KLS09a, KMHS09, KK03b, KS09b, LH07, LOP97, LMG04, LWKD03, LL10, LJC05, MHL+14, Med95, MJ13, MK96, NST00, OZPZ09, PCV08, RGKS10, RBC07, SHJ10, SYR05, SCY98, Sob02, TNRP11, VC14, Voi07, WLL01, XK06a, XCX+06, XSZ+07, YSRL11, Zap04, ZRP00, ZY16]. **path-based** [Med95]. **path-finding** [GLAM97]. **path-loss** [XK06a]. **path-oriented** [CZ06]. **path-protecting** [MJ13]. **Path-protection** [ZOM03]. **pathological** [BPS99]. **paths** [ARK09, BBO+05, CSS08, CFZ94, DLT+15, GCZ96, GR12, GR14, GSW02, GO02,

HLHD+04, IAS06, LO02b, SG05, TKI+15, ZWYY10]. **patrol** [AVS04]. **Pattern** [YBX+12, BBHK14, LH13]. **pattern-matching** [LH13]. **Patterns** [JYC+16, ACVS10, CG04, VG04, YDS10, YBX+10]. **payoff** [CY14]. **PCM** [CP95]. **PCN** [BGK97, ML12]. **PCN-based** [ML12]. **PCS** [RB09a, AHL96, FCL97, HA97, IPG97, LVB96, LKL00, LH03, Lin97, MS95, VG04]. **Peach** [AMP01]. **peak** [LS97a]. **PEDS** [BBHHR10]. **peer** [AB09, AJF11, BLL07, CJW11, CPS+12, CZCC14, CE08, CY14, HS08, KT08, LLY06, LYRL07, LTZ08, Liu10, LCW05, MR09, NSW11, OAN15, SW04, SLL15, SNS12, SENB09, SMLN+03, SRD+09, TM13, WYL09, WXR13, WTS+13]. **peer-assisted** [AJF11, CY14]. **peer-division** [CJW11]. **peer-to-peer** [AB09, BLL07, CPS+12, CZCC14, CE08, HS08, KT08, LYRL07, LTZ08, Liu10, LCW05, MR09, SW04, SLL15, SNS12, SMLN+03, SRD+09, TM13, WXR13, WTS+13]. **Peering** [SRP+11, BFF07]. [JYT+15]. **1** [RW95]. **AQM** [EW08, SCR08]. **ARQ** [CGK10]. **ATM** [CqLL98]. **bandwidth** [LZKT99]. **CA** [JZC11, Kon06, LK16a, NTS12, SKK07]. **CA-based** [HK11]. **channel** [GV93]. **clouds** [DBDJ14]. **CN** [SCN12]. **coax** [LS97b]. **descrambler** [BKH+93]. **dropping** [CSC94]. **FEC** [KEY99]. **G** [RW95]. **ID** [CDPLCA16]. **input** [PDT09]. **IP** [AAB05, KP96, LM97, LMS00, PP93a, WLLD05]. **IS-IS** [SGD05]. **MAN** [RIM98]. **N** [RW95]. **out** [RKH+16]. **output** [Nai97, OWMM97]. **output-queued** [LS06a]. **performance** [CDM93]. **scrambler** [BKH+93]. **SDH** [OSZ+06]. **server** [GCZ98]. **SILK** [CCY+14]. **SONET** [RRG10]. **Subscribe** [EPB14, CJV16, MJ14]. **TDM** [ZA11]. **TDMA** [STKL01]. **unbalanced** [PG94b]. **wake** [WFS09]. **WDM** [ZQ00]. **WPAN** [RP13]. **Per-domain** [Jia06]. **Per-flow** [LCL12a, CM12, GSK08, HLW13, JJS13b, LDK13]. **Per-frame** [SGSB+15]. **Per-stream** [PS98]. **perception** [VNS02]. **perception-driven** [VNS02]. **Perceptions** [NL16]. **perfect** [LV06]. **Performance** [ACOR99, BE08, BIV01, BG98, BD96, CWGT14, CH04, CZCC14, EF08, GP96a, GP94, IM08, JS09, Kam96, KK05, KqL99, KD00, KK03a, KEY99, KqL98, KSM05, LS93a, Lab97, LNB00, LS03b, ML12, NBK02, NT00, OWMM97, PG94b, RMPG16, RLKT98, RW96, SQ16, SPB16, SGPH98, SZT01, TJ95, TdWC+94, TS09, VB94, VCM04, WLCC07, YS93, ZRK06, AKS96, AMS+08, AMSS08, AZLB16, AK96, AW97, ACP05, BCL+09, BPSK97, Ban99, BBFG95, BLPS10, BJ15, BV05b, BCR+12, Bor05, BH06, CT95, CM12, CL03, CHA95, CMM95, CBAT06, CMGL11, CR98, CYL16, DM14, DLH+14, Fan05, FGK10, cFKSS99, FML09, FST+09, GMP13, GYB+04, GS13, GMD15, GS97, HP01, HKV+13, HOT97, HGE04, JK96, JCJ95, JGS+15, JIN+12, JS14, JSBM02, KVR02, KWJY16, KKSS12, KGPL13, Kim94, KK00, KLS09a, Kum98, KG16]. **performance** [LBRA05, LM97, LMS00, LAJS07, LKC11, LH13, LLY01, LD95, LC04a, LK05, LBX11, LEYS11, LNA07, LK14, LMS99, LMS04b, LLS09, LLW+14, LNR94, MMH+15, MH02, MBC+94, MG97b, OSW97, PFTK00, PWDL05, PPPW05, PYL99, PS15, RLZ10, SJL+16, SD15a, SKKA01, SNSW12, SS96, SR02, SML04, SHHP00, SPGM13, SK13, Świ96, TCS13, Tas96, TB10, Tur09, VSR11, WEK97, WL07, WSKV08, WZLX12, WFH12, WDCL15, WJLH06, WNV13, WM96, WYHL09, XG05, YD04, YZ10, ZKL07, ZR09, ZHLL06, ZTS94, DKL01]. **Performance-aware** [SPB16]. **performing** [ME96]. **Period** [LKC11]. **Period-controlled** [LKC11]. **periodic** [CG15a, FJ94, OdG97, XLWT12].

periodically [KZDM07]. **permutation** [MCR10, QM99, SYP01]. **permutation-scanning** [MCR10]. **Perpetual** [LFZS11]. **persistent** [BHL+06, DGK05, JS06]. **Personal** [NST+16, BSNI06, BLDF09, HA96, MHS95]. **personalized** [ZQ99]. **Perspective** [RRS+14, DJ12, EKD12, GYJ+16, GRB09, KH15, KK12, cLqL97, LO99, NOF14, SMS07, WL10, XB07]. **pervasive** [SCY15]. **PGPS** [YTJQ05]. **Phase** [JRL15, ANSX13, RKZG10, YZ10]. **phase-type** [YZ10]. **photonic** [CEFS99, HM06, JPH08, ZGS10]. **Physarum** [CAP15]. **physical** [HQY+16, JC13, LTS10, MVRZ09, PDE08, SAS16a, SBNRS14, SHZ16, ZL15]. **physical-layer** [HQY+16, SAS16a, ZL15]. **piecewise** [FKT98]. **PIM** [DEF+96]. **Pipeline** [BM09, WY95]. **Pipelined** [IK07, AMKY99, BN05, OKM94, XLZC14]. **pipelines** [AS09]. **pipelining** [Tas99]. **place** [GMZR13]. **Placement** [AAG+16, AKSS12, CN09, FMSM+11, GZCX16, IMG98, KWS+11, KR05, MHL+14, MHXT10, NSS96, NSCR06, RPZ+09, SAS99, TM13, YY98]. **placements** [RIM98]. **Placing** [MSSZ12]. **plane** [JRL15, NCK15, RCOC03, TLP+16]. **plaNET** [GG94]. **planning** [BSNI06, BCC07, LGC16, SYDM09]. **platform** [DYH13, YBG+12]. **playout** [BLL07]. **Plexus** [AB09]. **plugins** [DDPP00]. **PNNI** [Ili00]. **point** [CHH06, DGG+02, HGE04, KT07, KAMG07, KK06b, LB04, MGR02, MK10, MW06, NSW11, NS98, RKA08, SV06, ZRLD05]. **point-process** [SV06]. **point-to-cloud** [DGG+02]. **point-to-multipoint** [MGR02, ZRLD05]. **point-to-point** [ZRLD05]. **points** [BB06]. **Poisson** [CFG08, PF95, RCFC15, SH14]. **Policies** [MMT16, AGGT16, BL15, BFMF01, CGMS13, CGK94, DM96, ESP05, FRC98, GGC93, GRHA15, GS11, JGLS14, LNB01, MCS99, NAA+16, PLS07, RD11b, RV00, SV99, SM00, TGT01, TJ95, VCD15, YAA09, dOSAU04, dAF04]. **policing** [CFPP96, RL94]. **Policy** [ABS+16, JYC+16, BCL12, BI00, BSP07, CSS06, CDRV11, FJB07, GBC+95, JGS+15, KV98, LS93b, LBX11, LCL+12b, LCG+14, RVS09, SCP99, SN15, TG96, WWL02, YW07]. **Policy-Aware** [ABS+16]. **policy-based** [LCL+12b, LCG+14]. **policy-compliant** [RVS09]. **policy-free** [GBC+95]. **Polling** [KAZ01, dSeSGM95, QCLC16, SA01a]. **Polling-based** [KAZ01]. **pollution** [OF11]. **polymorphic** [WLC+10]. **Polynomial** [BB94, LDFK12, RV01, XZTT08, KLNS93, XGF+14]. **Polynomial-time** [LDFK12, XGF+14]. **PON** [ALMR14]. **pool** [ZY07b]. **Pooling** [WW16, BCR+12, WRS+15]. **POPI** [LCB+10]. **popular** [CKC+13, cFCcFW05, XY09b]. **popularity** [CKR+09]. **portability** [KCA97]. **portals** [CKC+13]. **portfolio** [TNRP11]. **ports** [LGW+11]. **position** [KDHK15, SC10]. **positioning** [SK06, WWT05]. **positive** [SWL06, XK06a]. **possible** [CB97, KGPL13]. **potato** [TSGR08]. **Potential** [RRS+14]. **Power** [HIM07, NMR03, SDW14, SFFF03, STC12, TSS14, WN16, WCC14, AAZZ12, BBG11, BCP00, BO07b, BS08, BLEM+12, CE09, CHH06, CPS13, CMFA14, DPBT11, HLS+14b, HRCW08, KKEE13, KM10, KG05, LMS05a, LS06b, LSC99b, LSZW13, LWAT13, LS10, LRG10, PZS+16, PT96, PLS07, QCS07, RKZG10, RSS09, SRR08, ST09, SK10b, SLH+06, SKS16, TPC09, Tan16, VGP14, WCY04, Wan04, XY10b, XSC01, XSC03, XSHS12, XC08, ZKH10, ZH08a, dAF04]. **Power-Aware** [WN16, PZS+16]. **power-balancing** [SK10b]. **power-control** [XSC03]. **power-controlled** [XSC01]. **power-efficient** [HLS+14b, SLH+06]. **Power-Law** [TSS14, CE09].

power-proportional [LWAT13]. **Power-Saving** [WCC14]. **powered** [HA16, RIM98]. **powerful** [CNP13]. **Powering** [ACC+14]. **Practical** [LW11, RD11b, WB11, ZZW+15, CFC01, EL11, JGS+15, KRH+08, LXY+14, RGKR10, SPC10, SXLL08, WKZL96, YKGK13, ZZZ+14]. **practice** [ES05]. **pre** [AB07, BZM08, CCF04]. **pre-cross-connected** [CCF04]. **pre-partitioning** [BZM08]. **pre-provisioning** [AB07]. **precision** [KMH12, TX08, WWL02]. **Precomputation** [OS03]. **precomputing** [SG05]. **predicates** [YL16]. **predict** [CJH+11, CTVD14]. **predictable** [ZLSK15]. **Predicting** [ANSX13, JBDF07]. **Prediction** [ZCM14, Ada98, DFMR15, FR07, GMZR13, JHR05, LM01, LDGL13, MSBZ10, PPPW05]. **Prediction-Based** [ZCM14, JHR05]. **Predictive** [BRISCSP11, HZCL16, LH03, AW04, HP00, QS04, SK06]. **predistribution** [HMvdLM07]. **preemption** [dOSAU04]. **preferential** [CHM+05, GDW+16]. **prefix** [BLC12, BBHK14, DKT06, LS05b, MLT12, PT10, PT12, RW07, ZZH+10]. **prefix-compressed** [BLC12]. **prefix-preserving** [RW07]. **prefixes** [DKN96, DKN97]. **preplanned** [MFB99]. **prerecorded** [AS02]. **Presence** [MMT16, CL05, JMMT12, JS12, KAEAS14, KKP15, KEAAH08, LGKV14, LYS11, SSM03]. **presentation** [Hos98]. **preservation** [WHTC15]. **Preserving** [Cob02, CL12, CBL13, CBL15, DJ14, HGW+16, RW07, SEK15]. **Pressure** [MMT16, ABJ+13, BSS11b, JJS13a, LEY14, MS15, OWMM97, YSTL11, YSRL11]. **PRESTO** [LGS09]. **preventing** [AVS04, BHN11]. **Prevention** [KGL03]. **Price** [LH14, YM05, GS16, KAS16, TC06, ZSFZ11]. **Price-based** [YM05]. **priced** [JK05]. **prices** [HN10, VHNPM96]. **Pricing** [AAS10, CSEZ93, MT06, PL02, TEE16, WS06, YKZ+13, CN10a, CSMW02, CDFG06, JVJ05, JJ08, KA03, LSM+14, Mar04, MW06, MAS09, PT00, RSS09, RS12, SC09, SS06, YMR00]. **Pricing-based** [YKZ+13]. **Primary** [CAO11, GPM03, JL12b, YGC10]. **primary-segmented** [GPM03]. **PRIME** [GLAMM11, MR09]. **primitive** [YTL12]. **principle** [HLG94]. **principles** [ALWD05, MBRM96, OY95, ZS05]. **priorities** [BW98, CU95a, HC02, HLG94, YMO97]. **Prioritized** [BF01, CP95, JR96, GGM10]. **Priority** [Mar03, BOY00, CSC94, CLG+00a, Hon94, ITSO01, IK07, KK06b, LX97, LS93b, LS93c, LCB+10, Mar04, McM95, RRK96, SZN00, WXBZ04]. **Privacy** [CL12, CBL15, LLWB16, MYYR13, WMYR16, CBL13, HGW+16, SCY15, WHTC15]. **Privacy-** [CL12]. **Privacy-assured** [WMYR16]. **Privacy-preserving** [CBL15, CBL13, HGW+16]. **Private** [ZZG+16, CK00, DGG+02, KAS16, KRSY02]. **Proactive** [CLSS09, TEE16, BD07, FY07, WMYR16]. **Probabilistic** [Goo08, SL15b, SB07, SS04b, AEG+13, BL04, LML10, LJ09, WLLZ16]. **probabilities** [CLW95, CKR93, FT07, GS13, KL09, PV04, ZRP00, vDP93]. **probability** [GGH11, KS01a, LXC05, TCPV13, TG97, VL10, WF93a, Zeg95]. **probes** [DLPT06]. **probing** [CL09a, GKPS06, LHZ+16, TZP+10, WMS09]. **Problem** [BFG+14, WN16, BRS06, CAP15, CGY00, FMSM+11, GZS15, GSW02, KKP15, KWS+11, KRS00, LGC16, LS01, LWCY12, LÜ14, SH12, wTjCjC97, WC08]. **problematic** [TLP+16]. **Problems** [MVCS16, CD96, GL10, HSS08]. **procedures** [AA96]. **process** [ODT09, SV06]. **processes**

[CLC+01, NSW11, SSV13, VR13, YTJQ05]. **Processing** [BBCD14, LLWB16, CV96, GLH95, HKT95, KP96, PD16, SKT96, SCR08, ZS05]. **processing-constrained** [SCR08]. **Processor** [KCCM16, BMvU03, HW99, Kar10, PG93, PG94a, RPF+14]. **Processor-network** [KCCM16]. **processor-sharing** [RPF+14]. **processors** [KL08, KKSS12, THDD05]. **product** [LZL12]. **products** [LM97]. **profile** [AW04]. **Profiling** [KP96, FGM+13, HFC+13, LY10, TRKN10, XZB08]. **Profit** [SL14, CL13, LWLL16, SK12b, SSAK12]. **profit-driven** [SK12b]. **profitability** [STM+12, XB07]. **ProgME** [YCM11]. **programmable** [YCM11]. **programming** [WC08]. **progress** [PWMC12]. **Progressive** [HHSS16]. **prohibition** [SKZ03]. **projection** [TAH99]. **projections** [XWG14]. **Projective** [RB09a]. **Promoting** [FF99, AVS04]. **proof** [BLL07, PPV12, Sha97, WHTC15]. **proofs** [Geo08]. **propagation** [CKS16, GS98, KL12, MCR10, MH97, WH97, XW11]. **Properties** [RKPP16, CBL06a, GGC93, IK09, JBDF07, Le 02, LT95, LR03, QS05, YL16]. **property** [qLP97, SMH95]. **proportion** [ZDR04]. **Proportional** [DSR02, LWC+14, PCL15, BS09, HS08, LLY01, LWAT13, MSA+16, MS08, NZTD02, SV98c]. **Proportionally** [HG14]. **protect** [NS98]. **protected** [Wu94]. **Protecting** [SCY15, MJ13]. **Protection** [CLG00b, LLWB16, ABK15, BCP00, CLSS09, CCF04, hCgKsYwT96, FAB12, HTC04, Kam10, KRLL11, KGGZ11, LYL07, MJ13, RRG10, Ram08, SHJ10, ZOM03, ZZZ+07]. **protective** [CGK94]. **Protocol** [Kai93, WSMJ04, ZLLY03, AP93a, AP93b, AK00, AB09, ALJ99, BFM+96, BD96, BWH+07, CCG00, CDO97, CT04b, CLM+16, CYK09, CFC01, CLG+00a, CFD06, CWW+15, EH11, EPD94, EST93, FCAB00, FMD13, FST+09, GMP13, GYB+04, GP98, GAA08, GCS06a, HP01, HR95, IZC00, JCJ95, KV96, KH15, KCA97, KIR06, KT08, KV09, LS93a, LHL15, LCH+06, LSW15, LTB04, LA95c, LJA14, LS97b, LT94b, LQCC16, MWQ+10, MP94, Mil98, NLB15, OdG97, PP93a, PFC96, RW04, RCS14, RSSZ13, SKK07, SKT96, SKRK12, SL07a, SMLN+03, SA05, TNF97, TMMS01, TYLH09, TLP+16, VS97, VL99, WBP+11, WCH95, WMYR16, WF93b, YCV15, YWZZ16, ZB95, ZT03, ZL13b, RBS02]. **Protocols** [WCC14, AACD+96, AA96, ACOR99, BGH+95, BG98, BS02, CFG08, CFZ97, CPR99, DC13, FTV+10, FLC09, FB07, GLH95, GJVZ06, HOT97, JGKT07, JM00, KS06, KAZ01, LM13, LH95, LLY06, LO96, LLS07, LCL13a, LM96, LBS05b, MMR09, MWC16, MP93, OdG96, ODC+16, OAN15, PDE08, PV10, PWMC12, PSA96, PS15, QCLC16, RW93, RS05, SL95, SMV93, SQ12, Spi97, Świ96, TNML93, fTL06, ZLC12, ZCY16]. **PROTON** [LA95c]. **Provably** [FHH10, HFKC12, LR09]. **provided** [AG16, Smi08]. **Provider** [SSA11]. **Provider-customer** [SSA11]. **providers** [CY14, GHR14, MCL+11]. **Providing** [CLY06, KKSS12, KS98, WXBZ04, BCGM07, JR14, KZ97, WCH95]. **Provisioning** [AA99, ATB+10, SK11, SZW+16, AB07, CJ14, DZH03, GGPS96, HMM11, KZDM07, KRSY02, LC04b, LV93, RDO+07, RSM09, RRG10, SK10a, SYR05, SL07a, TGT01, VWT+14, WLZ11, XTMM11, ZZZ+07, CCL99]. **proxies** [MPFK02]. **proximity** [LLW+14]. **Proxy** [GZT03, CC06, RV00, ZWDS00]. **Proxy-assisted** [GZT03]. **proxy-driven** [CC06]. **proxy-server-based** [ZWDS00]. **pseudoserving** [KG99]. **public** [MM13]. **Publish** [EPB14, CJV16, MJ14, OR11]. **publish-subscribe** [OR11]. **Publish/ Subscribe** [EPB14, CJV16, MJ14]. **published** [MYYR13]. **publishing** [CKC+13]. **pull** [MV14]. **pulse** [HS06b].

pulse-connected [HS06b]. **pulsed** [ZL13a]. **PulseSync** [LSW15]. **PUMA** [LCG+14]. **purpose** [GBC+95]. **pursuit** [ZXH+13]. **Push** [Tas96, MV14]. **pushing** [LK14].

Q [GS13, NTS12]. **Q-CSMA** [NTS12]. **QFQ** [CRV13]. **QoE** [CCY+14, LMW16, VC12, VC14]. **QoE-aware** [LMW16]. **QoP** [ZXTT08]. **QoS** [BCP13, BV10, Bej04, BBO+05, BB06, CS99a, CM05a, CNS04, CCL99, CS99b, CHH06, DZH03, ES03, GGPS96, GP98, GO99, KZ97, KV05, LS06e, LO98, LO02b, LORS06, MPS01, Mar96, MS08, MLC07, NZTD02, Ord99, OS03, OS05, QS04, RRR02, SSW10, Sob02, SL08, TGT01, VK04, WWL02, WFS09, XG05, XL11b, XSZ+07, XZTT08, YFB02, ZXTT08]. **QoS-aware** [YFB02]. **QoS-based** [BV10]. **QoS-Provisioning** [CCL99]. **QoSMIC** [YFB02]. **QSPNET** [BIV01]. **quadratic** [SN15]. **Quality** [GS16, KCM16, SN15, AL98, Cob02, KA03, KS09a, KS13, MTK03, PD07, PD16, SCP99, SJ12, SRS01, TAG08, WKA+13, YBG+12, YL98, Yua02, ZM09, ZXH+13, ZF96]. **Quality-Aware** [KCM16]. **quality-of-recovery** [SJ12]. **quality-of-service** [KA03, SCP99, SRS01, Yua02, ZM09]. **Quality-sensitive** [GS16]. **quantification** [CBL15]. **Quantifying** [GK16, LK13, OZPZ09, VC12]. **quantitative** [CK07, LC04b, MOZ05, MV16, ZCD97]. **quantization** [Kok10, KK12, LA95a]. **quantized** [JRL15]. **quantum** [VLMN09]. **quasi** [BIV01, KS13, PCV08]. **quasi-experimental** [KS13]. **quasi-path** [PCV08]. **quasi-synchronous** [BIV01]. **queries** [CL12, SG13, XLWT12]. **Query** [LLWB16, GZDG06, HP01]. **querying** [AK09]. **Queue** [BLPS10, HS14, HS16, JMMT12, qLH93b, qLH93a, RMPG16, TAJ+10, CU95a, CS98, CH98, ES07, cFSKS02, HC02, HH98, HGG06, IK07, KV96, Kop96, KS04, LBS05a, LAJS07, LBX11, LT95, Low03, NTS12, RrBG94, RW95, SM14, SL07a, VL10, WSW12]. **queue-based** [LBS05a]. **Queue-length** [JMMT12]. **queue-length-based** [ES07, NTS12]. **queue-overflow** [VL10]. **queued** [AZ03, GKS05, GSD09, KKLS05, KK03a, LS06a, LLLS07, LMNM01, MBG+02, MBG+03, McK99, MSS02, MS03, Mne08]. **Queueing** [LS93b, LS93c, MMT14, QS05, SM00, YTJQ05, BBLV06a, BBLV06b, BZ97, BTC01, BT93, BSS11b, CSC94, CM93, CMM95, CFM+09, CJ97, ENW96, GLMM04, GP94, GVC97, GMS16, HS03, JBDF07, LS06a, LYS93, qLlH97, qLP97, LRL07, McM95, PB93, PG94b, RRB06, SV96, SV98a, SV98c, SSZ03, TGT01, TS08]. **queueing-theoretic** [LRL07]. **queues** [CCL06, HBH93, KG16, LS94, NMH99, SV06, TG97]. **queuing** [JK96]. **Quorum** [WCC14, CSS06, HL99].

RaaS [CYG+14]. **Race** [KCTI08, VG08]. **radar** [GZCX16]. **Radio** [BCC07, CLW16, Hu93, RZS14, AD14, AK14, AK15, AAV09, BIV01, BB95, CAO11, CFG08, CSC94, CZM14, CF94, CFZ97, FEC13, GSA15, HA16, JL98, KKEE13, KS10, LZES14, LWT+15, ODC+16, RL93, SKY10, STC12, SK97, SAS+16c, WSW12, YKZ+13, YGC10, ZYL+14, CC06]. **radios** [PRR06, SX10]. **RAN** [PD16]. **Random** [CLD10, FJ93, LZ13, Mod99, MH97, URZ+14, WW16, AS07a, AS07b, AAB05, AEJV13, FM06, FML09, GP94, HLS14a, HSM+13, HMvdLM07, IW08, JLM15, JS09, KDHK15, KS03, LM97, LMS00, LV06, LLM11a, LWR15, LFL14, LE06, OWKS16, OAN15, TS08, WL07, XK06b, YM05, ZGG05, dAF04]. **random-access** [IW08]. **random-walk** [HLS14a]. **Randomized** [BGPS06, STQ13,

IKDD15, LE12a, LCL12a, LLS09, PP02]. **randomizing** [BV05b]. **randomly** [WY06]. **Range** [LLWB16, BSH+11, CSLH13, CL12, ENW96, GB99, HL96b, LL10, NPY07, RVA00]. **range-free** [LL10]. **ranges** [RKH+16]. **ranging** [ZXH+13]. **Ranking** [KMT05]. **rapid** [fTL06]. **Raptor** [Sho06]. **Rate** [HSS08, KWS10, Kok10, ML06, Smi08, SV98c, WD05, AK01, AA04, AAM05, AZ06a, AAV09, AOM04, BSH+11, BBC+02, BGK97, BKTN03, BLT02, CK10a, CC06, CR99, CLY06, CRL96, CCY+14, CTG00, CLK01, CLA07, DRR98, FGK10, cFKSS99, FNQ00, FSM14, Geo08, GM00, GV97, GMY13, HZC07, HKLM07, HL03, HP00, HDM13, JR14, Jia06, JP09, JBR16, KV98, KVR98, KWCR10, KK05, KR99, KMHS09, KqL98, KK06a, LA02, LMR99, LS97a, LC03, LMS05b, LCH95, LT95, LR03, LS03b, LRG10, MAN15, MKT96, PA12, PD16, PLL13, RKZG10, RLA06, RT99, RYS12, SZKT98, SMGP15, SKKA01, SL94, SBP03, SV98b, SDW00, SA01b, SS05, Szy16, TCS13, Tha01, VWT+14, VL05, Wan04, WH11, YL97, YDS06a, YJH05, YM05]. **rate-** [Wan04]. **Rate-adaptive** [ML06]. **rate-based** [KqL98, LR03, MKT96, YDS06a]. **rate-control** [LT95]. **rate-controlled** [BKTN03, KV98, ML06, YL97]. **rate-distortion** [CC06]. **Rate-proportional** [SV98c]. **Rateless** [DLLL16, SCY08, XAST12, YS15]. **rates** [ATB+10, BTC05, CG04, CLW95, HH10b, KN05, LMSKZ99, Rum93, TR98]. **Rating** [DLT+15]. **ratio** [BLCT97, GMWD13, KCB03, PDT09]. **rational** [JKJ13]. **rationality** [CY14]. **Rayleigh** [Tan16]. **Rayleigh-fading** [Tan16]. **Razor** [LMT10]. **RCA** [HDM13, YBG+12]. **RCBR** [Ada98, GKT97]. **RCS** [RLZ10]. **re** [BLRC05, KCA97, TG96, ZA95]. **re-optimization** [BLRC05]. **re-usability** [KCA97]. **re-use** [TG96, ZA95]. **reachability** [CBL15, LM96, LK13]. **reactive** [RSSZ13]. **ready** [VS97]. **ready-to-go** [VS97]. **Real** [MR98, RVA00, TAG08, XL98, YL16, Ada98, AA04, AAM05, BO03, BFM+96, BCGM07, BC01b, BBM+10, CNS04, CS00, FK03, GQ16, GV93, GP98, GPM03, GAA08, GF95, Hou14, HLG94, HGG06, IS00, KMR95, KWJY16, LBS05a, LLD96, MRM99, PSA96, SZN00, SGPH98, SA01b, Świ96, VAS00, VSR11, WXBZ04, YSZL15, ZLS96]. **real-** [HLG94]. **Real-time** [MR98, RVA00, TAG08, XL98, YL16, Ada98, AA04, AAM05, BO03, BFM+96, BCGM07, BC01b, BBM+10, CNS04, CS00, FK03, GV93, GP98, GPM03, GAA08, GF95, Hou14, HGG06, IS00, KWJY16, LLD96, MRM99, PSA96, SZN00, SA01b, Świ96, VAS00, VSR11, WXBZ04, YSZL15, ZLS96]. **real-world** [GQ16]. **realistic** [VV09]. **realizable** [LPP11]. **realization** [BSF16, HLS+14b]. **Realizing** [KBV+13]. **Rearrangeable** [CTH10, NWP09, HLL06, RMM99, ZGS10]. **rearrangeably** [LC96]. **reassembly** [HW99, SC95]. **rebate** [LSM+14]. **Receiver** [AK15, LM15, CJW11, MR09, PM96, ZBXH13]. **Receiver-based** [AK15, LM15, CJW11]. **receiver-driven** [MR09]. **receivers** [GHK02]. **reception** [ZT03]. **rechargeable** [CSSJ14, KKJ06, ZHC16]. **Recommender** [WLC16]. **Reconciling** [XB14]. **reconfigurability** [LS03a, TS09]. **reconfigurable** [APSKPMGM12, BM08, CM05b, KS11, Med95]. **Reconfiguration** [HM04, BM00, ÇM15, Lab97]. **reconfigurations** [CVM+15, VVP+13]. **reconfiguring** [OMA+10]. **Reconstruction** [DYW+16, LLL+16]. **recovery** [AA96, Ban99, BFF07, CSC04, FY07, HM04, KL95, KRKH10, KHČ+09, LNB00, LESZ98,

MEVSS03, MFB99, MBF+02, MLC07, NBT98, QSS+15, SJ12, SA01b, XFS06, ZXTT08]. **rectification** [FCA+06]. **Recursive** [HKS16, Ses97, GYJ+16, Val01]. **RED** [CJOS01, LBS05b, RAL04, TL06]. **redirections** [SCKB09]. **redistribution** [ZWTC16]. **reduce** [CSG14, MMC05, WXC16]. **reduced** [LSC99b]. **reduced-power** [LSC99b]. **Reducing** [FZ16, Lin97, BIS00, CMFA14, HA96, KP96, SZKT98]. **Reduction** [ZCM14, BSS11b, IM08, KBS12, LA95a, LT95, SSFM08]. **redundancy** [AKK13, GMP08, LCW+15, SPGM13]. **Redundant** [MFB99]. **redux** [YCL15]. **reel** [CDRV11]. **Reexamining** [GYJ+16]. **reference** [BM09, LDK13]. **references** [ABA+16]. **refined** [LBX11]. **REFWA** [TKN06]. **regeneration** [KT11]. **regenerator** [FMSM+11]. **regenerators** [MSSZ12]. **regime** [GGL09b, GGL09a, GGH11, LV06, XK06a]. **regimes** [LLE16]. **region** [AJV06, JP09, JLS09, LLS09, TKI+15, UN11]. **region-disjoint** [TKI+15]. **regions** [LE06, TKI+15]. **registration** [VG04]. **Regular** [LT16, MPN+14, BAC12, FDG+11, IBM95, KH07, LLE15b, PLT14, QM99]. **regularity** [LLE16]. **regulate** [KA95]. **regulated** [LZKT99]. **regulation** [AS94, CCLT02, IS00, LYS93]. **regulations** [SSW10]. **regulator** [VG05]. **rekeying** [ZLLY03]. **Relation** [QJZ+16, JD03]. **relationships** [DEH+07, Gao01]. **relaxation** [SYDM09]. **relay** [CFG08, CR14, DK98, DFT06, GMY13, LJNK12, MHXT10, MS15, RK06, SSHK11, SR14, XWWC16]. **Relaying** [KS06, BGHS10, KE16]. **relays** [BJ15, GSRS+15, GMYP16, RP13, WSC08]. **release** [RVV+15, ZVN99]. **relevance** [GB99]. **Reliability** [CM05a, CJ07, LLM11a, LT94a, CLP12, CZ12, FT06, GGH11, HLX+15, LLM14, LE12b, LLY09, WK13]. **Reliable** [EPB14, RDO+07, Ste08, XAST12, ZJ12, AA05, AADS05, BSP07, CGK10, FJL+97, GS98, GAA08, HPR06, KHTK00, KHW12, LNB00, NBT98, PPV04, PNRMC13, RPGE04, SHJ10, WCH95, WXW15, XFS06, ZLLY03]. **REM** [RMPG16]. **remainder** [Su15]. **remote** [WQZ+13]. **Rendered** [LL10]. **rendezvous** [CYK09, ZYL+14]. **reneging** [CSC94]. **reneging/dropping** [CSC94]. **renegotiation** [MR98]. **renewable** [LSS07]. **renewal** [XSHS12]. **Reno** [CBAT06, PFTK00, SKV03]. **rent** [KKP15]. **rental** [KKP15]. **reordering** [BPS99, BHL+06, LGKV14, MSS+12]. **repair** [HK94]. **repeat** [QY12]. **Repeated** [MRHWS14]. **repeater** [VLMN09]. **repeaters** [BCL+09]. **rephrasing** [WLCC07]. **Replacement** [RV00, PP02]. **replaying** [PPK15]. **replicated** [BSSS01, KR05, RB02, ZAFB00]. **Replication** [BLV10, MV08, WS08, ZFC13, ZFC15]. **report** [SC10]. **reporting** [DG08, YG10]. **representation** [LS09, RBC07]. **representations** [Ili00]. **reprovisioning** [LTP10, SZM08]. **reputation** [NL16, SL15c]. **request** [GSW99, QY12]. **requests** [ATB+10, JPS04, MSSZ12]. **required** [Kok10]. **requirement** [LH13]. **requirements** [CS99a, LE12b, LO02b, LLY09, OS05, PG95, Pan99, SZKT98, XM99, ZEV07a, ZM04, vDP93]. **reroute** [ABK15, WL08]. **rerouting** [BCN02, GR16, NLY+07, RLKT98, WCY00, dOSAU04]. **Resequencing** [LZ09]. **Reservation** [SK97, CV12, CFS09, CFS11, DM03, HSM+13, SK06, YCL09]. **Reservation-based** [SK97]. **reservations** [TCPV13]. **residence** [FCL97]. **residential** [GQ16]. **Residual** [WYL09, WLL13]. **Residual-based** [WYL09]. **residual-geometric** [WLL13]. **Resilience** [MDMM09, AEG+13, LYRL07, LJ09,

LCW05]. **resiliency** [RC08]. **Resilient** [BLBS06, CER12, DBDJ14, FY07, QL16b, RSU+09, YSJL14, YKR11]. **resistant** [LMR07, PSK+15, YKGK13, ZW10]. **resolution** [CBL06b, DLT16, KHLC13, LS05b, SG96]. **resolutions** [LL09]. **resolver** [GYJ+16]. **Resolving** [GS09, SHHA09]. **Resource** [BSSS01, CNS04, CJJ09, DGK05, DGG+02, GSW99, GF95, MV09, SZW+16, TWL05, AYS+13, BCP13, BLV10, BM00, BRISCSP11, BF01, BS08, CqLL98, CZ06, CR14, DS04, ES07, FP14, FJ95, GMYP16, HTAZ16, HSM+13, HG14, JS11, JK05, KL03, LRJ08, LMS06, LAN97, LLE15a, LCW+15, LPCVC13, LMW16, MBL10, MCS99, NDGL06, NM09, RSR10, SZKT98, SCR08, SSAK12, WBEGS05, WSW12, YJ15, YZBR14]. **Resource-aware** [TWL05]. **resource-constrained** [LCW+15]. **resources** [KR05, KMZR12, LMG04, LO02a, MHS95, MM94, NCK15, PD07, WS06, WRS+15, ZS05]. **response** [GT06, HH98, qLH93b, qLH93a, NJW16]. **responsive** [VV09]. **Restless** [WN16]. **Restorable** [CN16, CN10b, KKL03, KL03, KLS09b, KLOS11, LRJ08]. **Restoration** [XM99, AB07, BBO+05, BKLS08, Con11, IMG98, KLS09a, LWKD03, MK98, PCV08, QGCL11, THBR14]. **Restricted** [AC98, ASW00, KK03a]. **restrictions** [WM16]. **restrictive** [Ili00]. **resulting** [CJ97]. **results** [SH12, SWL06]. **Resynchronization** [JPS04]. **Rethinking** [CFP+09, TB10, SMM11]. **Retransmission** [TSS14, LNM+09, LWR+16, MBA06, PSA96, SV11, dAF04]. **retrial** [LO02a]. **retrials** [VCM04]. **Retrieval** [HK14, BM97, RR93, YJZW15]. **retrodiction** [LWR+16]. **reuse** [CGGS97, HL98b, LSC99b, RW96, SS93, SS94a, SS94b, Sha97]. **Revenue** [RRK96, AAG14, HN10, MW05]. **reverse** [IPG97]. **Reversible** [SLC+07]. **revisited** [Geo08, MBM09]. **Revisiting** [CL16a, LZXF14]. **rewards** [GKJ12]. **RF** [GGM11]. **RF-based** [GGM11]. **RFID** [CLM+16, GSN+16, HQY+16, LL09, LHL15, LWCY12, LCL13a, LCQL14, LQCC16, QCLC16, SL15a, SL15b, YW11, YZP+14, ZL13b, ZL14, ZCY16]. **rich** [LS93a]. **Right** [FZ16, LWAT13]. **right-sizing** [LWAT13]. **Rigorous** [NR13]. **Ring** [TS14, BO03, CM05b, CDRV11, Coh94, COS95, GGC93, Gro99, KK93, LS03a, LS01, LT94a, RW96, SMG06, TJ95, TG96, TMMS01]. **ring-based** [Gro99]. **rings** [AK96, BBMELH08, CGGS97, FCT03, FT06, GYB+04, GRS00, HLHD+04, RW95, SZ07, SF95, ZVN99, ZQ99, ZQ00]. **Risk** [XTMM11, MW05, SYR05]. **Risk-aware** [XTMM11, MW05]. **road** [HLP11, SK06]. **roadmap** [FGM+13]. **roaming** [MD04]. **Robin** [PK01, CM03, LS94, LMS04a, OJRCC02, SMT98, SV96, RP06]. **Robust** [BR06, BLT02, DYW+16, ESG11, KO13, LSZW13, SHZ16, SYJ09, THDD05, VRK09, ZCX+15, AC06, FMD13, GJVZ06, GT99, HZL16, JLM15, KLC15, LMP08, LKZ+04, RrBG94, RSSZ13, Smi95, XXBC14, YS93, YC12]. **Robustness** [LBS05a, DSTM12, TPC09]. **ROC** [YKR11]. **rocketfuel** [SMWA04]. **ROHC** [THDD05]. **role** [BMVB09, BM97, JS06, PDT09, SJGH10, SSA08]. **room** [ZT03]. **root** [AST11, YBG+12]. **rotating** [LT94a]. **Round** [PK01, RP06, AAM05, CM03, LS94, LMS04a, OJRCC02, SMT98, SV96]. **round-robin** [CM03, LS94, LMS04a, SV96]. **round-robin-based** [OJRCC02]. **route** [AMS+08, AMSS08, BLC12, CYG+14, CDRV11, EST93, GCH+15, KKL03, LWT+15, LXX+14, MRM99, YG10]. **routed** [AM16, BM00, CV12, GL93, KS01b, RM02, SYR05, SAS99, ZKL11]. **Router** [DDPP00, KLSV12, PDT09, CVM+15, HPR06, HPV09, IKM08, LLW+09, LS05b, LCB+10, PPV04, PCB+98, RPGE04, YLLY05, ZDR04].

router-assisted [HPR06, PPV04, RPGE04]. **router-specific** [LLW+09]. **router-wide** [CVM+15]. **routers** [BBG+10, DDPP00, LBS11, NKS08, PZS+16, PT12, SDV06, SKHL12, VSR11]. **routes** [FR07, GV06, LP07, SK12b]. **Routh** [AOM04]. **Routing** [ACC+14, ABBHP01, AAZZ12, BSSLB95, CYG+14, DMB94, DKN96, DKN97, GLNP01, HHSS16, KKL03, LNC04, LLY09, Ord99, OB03, QL16a, RS95a, RS07, URZ+14, WJYL16, AKA10, AN05, AEB02, AS08, AC06, AZ06b, ABJ+13, AFT11, BD07, BLV10, BCGC15, BO07a, BBFG95, BBLV06a, BBLV06b, BSH+11, BGHS10, BKLS08, BNJR12, BNJ16, BP96, BWS10, CM05a, CJ14, CT04a, CV12, CNS04, CM05b, CSSJ14, CS14, CS15, CYK09, CTG00, CFC01, CEFS99, CER12, CMV10, CL05, CKR93, CRS99, CDRV11, CO94, COS95, CN08, CR14, CFD06, DEF+96, DLT+15, DFGV11, EAB01, EAB02, EFK07, FJB07, FC99, FEC13, FJ94, FB07, FML09, FSH+13, GR01, GLAM97, GLAMM11, GLA93, GKT93, GLG04, GR16, GS03, GSW02, GO99, GRHA15, GLSB08, HP01, HHL06, HSH+06, HY08, HL05, JRY09]. **routing** [Jia98, JHR05, KA98, KD00, KL03, KLS03, KLS09a, KLS09b, KLOS09, KLOS11, KLS11b, KPP93, KLO97, KWH11, KWZ08, KV05, KIR06, KHČ+09, KS09b, KGGZ11, LMJ98, LABJ01, LAPS08, LQ13, LSV01, LRJ08, LDFK12, LS14, LK95, LT02, LMR07, LML10, LLM14, LMP08, LMMN07, LS99, LLW+12, LXY+14, LS06c, LGGZ10, LHM02, LS06e, LSS07, LR09, LB04, LTS05, LW11, LSXS16, LCW05, LS97c, LO98, LORS06, LRG10, LH10, LBP+16, MG97a, MWQ+10, MBLN93, MG97b, MHRR12, MMS01, MS15, MA98, MK96, NM09, NMR03, NZTD02, NXTY10, ORS93a, ORS93b, OS03, PM09, PSK+15, PNRMC13, PYL99, PS05, PA12, Pax97, PMH95, PT10, QYZS06, RGKR10, RVS09, RM02, RM08, RHC+12, RS00, RHQZ13, RYS12, SMG06, SPH04, SRP+11, SHHA09, SM16, SRB10, SRS01, SLH+06, SKCW10, Sob02, Sob05]. **routing** [SQ12, SNC+07, SL08, SPR08b, SPR08a, SD00, TNRP11, TK12, TYJ16, TSGR08, TAH99, TYLH09, VWT+14, VK04, VB94, VCD15, WCY04, WQGW09, WTXT11, WJZ+12, WJK06, XWWC16, XCR11, XCR15, XZTT08, YFB02, YCB07, YXF+13, YMO97, YSTL11, YSRL11, Yua02, YNDM09, ZOM03, Zap04, ZA95, ZHC16, ZZG+16, ZGS10, ZW10, ZRP00]. **Routing-as-a-service** [CYG+14]. **routings** [Ste08]. **RSVP** [Kar06]. **RT** [GAA08, BDS07]. **rule** [CW16, KK03a, SBD11]. **rulebase** [CKKK09]. **rules** [BDWS12, NS98]. **rulings** [SZG09]. **rumor** [DMC06]. **run** [VL05]. **runs** [HKLM07]. **RWA** [CKV11, ZOM03].

s [PES+12, WZL+13, BLC12, PCB+98]. **S-ALOHA** [WZL+13]. **s-based** [HM06]. **S4** [MWQ+10]. **SACK** [SKV03]. **Safe** [LXY+14, LGGZ10, AZR97, WJZ+12]. **safety** [SR02]. **same** [HH98]. **Sample** [HS14, HS16, ZY16]. **Sample-Path** [HS14, HS16]. **sample-path-based** [ZY16]. **sampled** [DLT05, HV06]. **samples** [PP02]. **Sampling** [VGKG10, BTC05, DT93, DG01, DG08, HLS14a, LQCC16, MV09, OAN15, PV04, SRD+09, WLL13, ZGG05]. **SAT** [BS97]. **SAT-based** [BS97]. **satellite** [AMP01, AEB02, CDFG06, EAB01, EAB02, RLZ10, TKN06, Tha04, WCH95, ZRK06]. **satellite-switched** [Tha04]. **satellites** [FMT03, NMR03]. **satisfaction** [DBL13]. **satisfy** [MSSZ12]. **saturation** [JS12]. **SAVE** [DRR98]. **Saving** [WCC14, CLP12]. **Scalability** [JMS07, LJ09, ZR09, AIN+15, CRL96, GRHA15, HS06b, LJC05, LR03, TYJ16]. **Scalable** [AKK13, AC09, ARS16, BV05a, BAC12, BBHK14, CEFS99, CKKK09, KHTK00, LGW+11, LZZR12, LLWB16,

LT16, MEVSS03, NB99, OWKS16, SFAS05, SIYL09, ZSSK02, ZEV07b, AC98, AB09, ASCG08, BGHS10, CBSK07, CLK01, EFK07, FCAB00, FHSZ13, GDW+16, GSN+16, IBM95, KL07, KNR+16, KSV07, LSW15, LTB04, LLW+12, OS05, PT12, QL16b, SA04, SLO+14, SKHL12, SSZ03, SMLN+03, STL04, WHM+13, YF05, ZLLY03, ZEV07a, ZLSK15]. **Scale** [AAG+16, ZFW14, AKA10, AF99, BBC+02, BS00, CZF+16, CKR+09, CL03, CC95, CRL96, CCL11, CLM+16, DZNT14, DLH+14, ES03, FCA+06, GSN+16, Goo08, GKT97, GT03, HMvdLM07, JC13, Jia06, JYT+15, KHLC13, LC03, LYWL08, LTB04, LTZ08, LZL12, LGD+10, LCQL14, MA12, PYL99, PS05, PLS07, PJ13, LZKT99, SJL+13, SQZ09, SXLL08, TK12, WDCL15, XY09a, XW11, YKKY08, YDS06a, ZSFZ11, ZW14, ZL13b, ZL14, ZKO93]. **scaleable** [PPPW05]. **Scaling** [AK09, CBL06a, WWL+15, YGC10, AGLM10, AAZZ12, BSF16, BLC11, DFT06, EMPS06, GGL09b, GGL09a, HW12, KEW06, KCCM16, PES+12, XK06a]. **Scalpel** [GDW+16]. **scan** [DKC+15, Tre11]. **scanning** [MCR10]. **SCED** [SCP99]. **Schedulability** [LK05, FP97]. **schedule** [CT04b, CD96]. **schedule-sensing** [CT04b]. **scheduled** [JP09]. **scheduler** [ASKR16, Guo04, PDSK04, RP06, SPC10, SKUB12, Tur09, WTS+13]. **schedulers** [FKT98, GK16, KKV16, LS94, LMS04a, LK05, LE12a, MFL+04]. **schedules** [CF94, DS99, RCGT06, RA95, WB11]. **Scheduling** [APSG14, AZ06a, AZ11, AEJV13, BC01b, ÇM15, CMP16, GGM10, HS14, HS16, Hou14, HZCL16, JMI95, KCM16, KLE16, LE12b, LEY14, MS14, MMT14, MEWP13, Nee16b, PS94, PK01, RL93, Tha04, THMK12, WH97, WW16, ZA11, AS14, AD14, AF99, ALJ99, AS96, BGSSW13, BTC01, BHN11, BCR+12, BRS10, BSYS12, Bor05, BESW08, BSS09, CKL16, CM12, CL09a, CM03, CRV13, CHCH00, CLSC15, CCA96, CJZS14, CGEN98, CK07, CK09, CK10b, CG15b, CAH08, DV09, DSR02, ESP05, ES07, GIKK11, GV97, GVC97, GSA15, GLS09, GS11, HH10a, HKV+13, HY10, HLW13, HN13, HK96, IS00, ITSO01, IM08, IK07, JK96, JMMT12, JR14, JMS08, JS11, JAS10, JJS13a, JJS13b, JGLS14, JGS+15, JW11, JJL15, JP13, JS09, JLS09, JLRS16, JL98, KWJY16, KWCR10, KKEE13, KAEAS14, KKLS05, KLMW11, KWE+10]. **scheduling** [KCB03, LX97, LNS11, LLLS07, LMMN07, LK02, LLE15a, LLE15b, LHZ+16, LLE16, LS06d, LR09, LW13, LYS11, LNL+16, LLS09, LBS99, LRG10, MSWL06, MKS16, MSA+16, MBG+02, MBG+03, McK99, MV16, Mod99, MS15, NJW16, NM06, Nee08, Nee09, Nee16a, OES16, PHL15, QZZ+13, QM99, RSU+09, RB09a, RS97b, SBD11, SMT98, SKT96, SAS16a, SCP99, SM16, SM00, SV98b, Su15, SS05, SR14, SCY08, TT09, TJ95, Tas96, Tas99, TZP+10, TD03, Val07, VL10, WXBZ04, Wan04, WZY+16, WFS09, WLLZ16, XL05, XLWT12, XE13, XME15, YSZL15, YL97, YDS10, ZQ99, ZJS+12, ZCW15, ZL16, ZCL11, ZFC15]. **scheduling-latency** [IM08]. **schema** [Tre11]. **scheme** [AA04, AJDH01, AMP01, AAM05, AB07, AB05, ABK15, AS02, ACP05, Bej09, BS97, BAL10, BBHHR10, CLC+01, CSSJ14, CH97, CLG+00a, EL11, GP96b, GPM03, HSH+06, HA96, Hon94, IS00, IM08, KMR95, KCB03, KEY99, KqL98, LS93c, LH13, LPIH11, LSC99a, LSC99b, LBS05b, Mar04, ML06, NL99, PPV04, QS04, RSS09, RPV13, SS93, SG94, SK06, SV11, SC10, STL04, TKN06, TCS04, WM95, XSC03, XHN04, YG10, YZ10, ZB95, ZTS11, ZHLL06, ZW10]. **Schemes** [CLW16, KS95, SS94b, AS94, BCGC15, CSLH13, HP01, HL98a, JS09, KM10, KA95, KS03, LBS05a, LK95, MCLG07, MRD08, OJRCC02, OS03, PSA96, PP02, RPGE04,

RLKT98, Rum93, TNF97, VB94]. **SCI** [PFC96]. **science** [XB07]. **Scientific** [NR98]. **SCOQ** [CM93]. **SCORE** [LTB04, NST+16]. **SCP** [Smi95]. **scrubbing** [WSMJ04]. **SCTP** [IAS06]. **SDH** [RRG10]. **SDH/SONET** [RRG10]. **SDL** [HBS96]. **SDL-92** [HBS96]. **SDMA** [STKL01]. **SDMA/TDMA** [STKL01]. **Seamless** [TCS04, VVP+13]. **search** [AB09, CL07, CLM+16, GH04, LSV99, LGC16]. **searching** [ZL13b]. **second** [FqL98, LSXS16, Tia05, VFBD11]. **second-order** [FqL98, LSXS16, Tia05]. **Secondary** [CL13, AAS10, GS16, HGW+16, MAS09, SL14]. **Secrecy** [ZFW14, CZF+16, KES13, RCW15]. **secret** [FHH10, ZAS12]. **Secure** [HK14, RVS09, WGL00, FHH10, LMR07, SL07b, ZZZ+14]. **Securing** [LAPS08, SBNRS14]. **security** [JAW11, La16, LTS10, SKCW10, WSMJ04, XZB08, ZSFZ11]. **seek** [WL16]. **Segment** [HTC04, LYL07]. **segmentation** [JYT+15, MMC05]. **segmented** [GPM03]. **segments** [HBB09, RS12]. **select** [BC01b, Mod99, PM96, PS94]. **Selection** [HR95, BSP07, CN09, CG15b, GCH+15, GMY13, JF04, KA98, KMHS09, KK03b, KT07, LH07, LWKD03, MRM99, RPV13, TNRP11, TGRR07, VC14, WS08, YWLL09, ZAFB00]. **selective** [AHL96, GT00, KVF+12, SR02]. **Self** [AACD+96, CO94, CB97, FLMM10, KS11, Spi97, WTSW97, BCP13, FCT03, GSRS+15, GZDG06, HP00, KK07, KR05, LHK+12, LTWW94, LGD+10, LPCVC13, MK98, PYL99, SAS+16b, SF95, TG97, Wu94, WWT05, XM99, ZGS10]. **self-adaptive** [BCP13]. **self-adjusting** [SAS+16b]. **Self-chord** [FLMM10]. **self-configurable** [WWT05]. **self-healing** [FCT03, MK98, SF95, Wu94, XM99]. **self-optimizing** [GSRS+15]. **self-organization** [GZDG06, KK07]. **self-organizing** [FLMM10, LPCVC13]. **Self-reconfigurable** [KS11]. **self-routing** [PYL99, ZGS10]. **self-similar** [LHK+12, LTWW94, TG97]. **Self-similarity** [CB97, WTSW97, LGD+10]. **Self-stabilizing** [AACD+96, Spi97, KR05]. **Self-termination** [CO94]. **self-tuning** [HP00]. **Selfish** [SLL+11, BOGS+16, IW08, JAW11, QYZS06]. **semantics** [YWZZ16]. **semantics-aware** [YWZZ16]. **Semi** [HSM+13, LC96, XY09a, XL11a]. **semi-Markov** [XY09a]. **Semi-random** [HSM+13]. **Semi-rearrangeably** [LC96]. **semi-truthful** [XL11a]. **semiautonomous** [DJ12]. **semisoft** [AS02]. **sender** [ZBXH13]. **sense** [SCN12]. **Sensing** [JYC+16, LLL+16, CT04b, KNSV13, LZES14, MVRZ09, RZWQ12, ZG14, ZHC16, ZL15]. **sensitive** [GS16, KLS11a, LL98, LNC04, RVV+15]. **Sensor** [DYW+16, DLLL16, LLL+16, AC16, AK09, AA05, ACCF12, BTC05, BDHR10, CLP12, ÇY07, CHML15, CT04a, CL12, CSSJ14, CZC+13, CDH+10, CK09, CK11, CNP13, DJ14, DLL+11, DLH+14, GTS+09, GDC+16, GT06, GIKK11, GZCX16, GAA08, GZDG06, HS06a, HLL13, HSS08, HKCL13, HY08, HMvdLM07, IKDD15, IGE+03, JC13, JYT+15, JL12a, JS14, KK07, KBS11, KLZ12, KLSS10, KWS+11, KLS11a, KG10, KWZ08, KIR06, LGS09, LL10, LG13a, LZL+14, LLNC09, LÜ14, LJW+07, LLL10, LFZS11, LWR15, LHC+16, LWR+16, LP07, LH10, MCLG07, MHXT10, MEWP13, NLB15, ODC+16, OÇ10, PLS07, RLP06, RWA+08, RKNS10, SMGP15, SGR13, SZG09, SM08, SH12, SK10b, SH07, SK13, SX10, SA05, SSA08, TXL+12, TK12, TX08, TYLH09, VA06, VA09, WY06, WSC08, WA11, WVG12, WDCL15, WFS09, WMFS10, XXBC14, XSHS12, XSH+15, XLWT12, YJZW15, YCV15, YHE04, YAA09]. **sensor** [YG10, YZP+14, YBX+10, YBX+12, ZCJ+13, ZHC16, ZG08, ZXH+13, ZPCS11, ZZHZ13, vRWZ09]. **sensor-enabled** [YZP+14]. **sensors** [AKK13, KKJ06]. **sensors-to-sink** [AKK13]. **separable**

[SN15]. **Separating** [RJCE06]. **Separation** [HLG94, SM16]. **sequence** [JID+07, UZ93]. **sequences** [CU95b, CVM+15, MP94, Nai97, UZ93]. **server** [BSP07, CG04, CJ97, DBDJ14, JIN+12, KG99, LGW+11, OKM94, RPF+14, SNSW12, dSeSGM95, SLO+14, SZT01, WS08, WLZ11, XL95, YLLY05, ZAFB00, ZWDS00]. **server-centric** [YLLY05]. **server-side** [KG99]. **servers** [AW97, CT01, GBL12, LGW+11, NBK02, SV98b, SV98c]. **Service** [BFG+14, DZH03, NS98, AHK08, Ada98, ACC+94, AL98, AAS14, Bar95, BTC01, BBL95, CCLT02, CLS07, CYG+14, CLA07, CAL09, CF98, Cob02, Con11, CFD06, CAH08, DCGN03, DJ16, FP95, FP97, FJJ+01, GS10a, GRB09, GKT97, Hon94, JDSZ97, JPS04, JF04, KA03, Kim98, KLOS09, KR99, KK06a, KK06b, LS93b, LV00, LL13, LLE15b, LLE16, LWF96, LMS04b, LV93, LFL14, MLLY06, MCL+11, Mar03, PD07, RRG10, RB09b, SCP99, SC09, SRS01, SYR05, She95, SG94, SLO+14, SZN00, VWT+14, WCH95, XB07, YBG+12, YL98, YLLY05, YTL12, Yua02, ZM09, ZAFB00, ZT03, ZF96, vDP93]. **service-curve** [CAH08]. **service-guaranteed** [JF04]. **service-scheduling** [BTC01]. **Services** [EPB14, TEE16, BM97, BLT02, BCGM07, CT01, CLY06, CZ06, CY14, CS00, CJJ09, CN09, DTM15, DSR02, DGG+02, FK99, FT07, GV93, GM00, GVC97, GGM10, GS04, JJ08, KA03, KL95, LC97, LMS05b, LLY01, LK02, LC04b, Mar04, NS98, PPV04, PG93, PG94a, PT00, PILR05, SL94, SV11, SIYL09, SZN00, SDW00, Szy16, WXBZ04, YR01, ZSSK02, ZZZ+07, DKL01]. **serving** [CDI+04, LEYS11]. **Session** [Coh94, BMM+09, BSP07, RGKR10]. **sessions** [AK01, FJL+97, JVY06]. **set** [HKLS12, JLRS16, KLT15, Lin93]. **sets** [AZ06a, BNS11, MSSZ12]. **setting** [VG05]. **settings** [KBV+13]. **settlement** [MCL+10, MCL+11]. **settlements** [SRP+11]. **setup** [BV96, IPG97, Pil01]. **several** [HOT97]. **Shadow** [VHNPM96, LAN97]. **shaper** [KL95]. **shapers** [Le 02]. **shaping** [GGPS96]. **Shapley** [MCL+10]. **share** [KCB03]. **Shared** [SYR05, BT93, BL04, CM93, CH97, CH98, CK07, CW12, FJ07, GP94, GBC+95, HTC04, KKV16, Kim94, KKS+08, LWKD03, LYL07, MJ13, MM94, PG94b, RKT02a, SV99, SS03, ZY07b, ZY07a, ZKO93]. **shared-buffer** [FJ07, SV99]. **shared-memory** [CH98]. **Sharing** [HSE97, Ali06, AdE07, BBG11, BSSS01, BMvU03, CL04, CZ06, CL13, Coh94, FCAB00, FLC09, FJ95, GSW99, GT10, HTAZ16, JR96, Kar10, KAS16, KL08, cLqL97, LCL12a, LCL+13b, LZL11, LMW16, MR02, PLD16, PG93, PG94a, RPV13, RSR10, RPF+14, SKY10, SSAK12, SMP+14, SZN00, SRS08, TMH97, WM95, XL98, ZWYY10]. **shield** [RSU+09]. **shift** [CGEN98]. **short** [KH15]. **short-term** [KH15]. **shortest** [AM16, AZ06b, CSS08, CN08, GO02, KS09b, NST00, RBC07, XCX+06, YSRL11]. **shortest-path** [CN08, YSRL11]. **shot** [IW08, JK15]. **SHR** [hCgKsYwT96]. **SHRiNK** [PPPW05]. **shuffle** [IBM95, Lie97]. **shuffle-exchange** [Lie97]. **shuffle-exchange-based** [IBM95]. **shufflenet** [GLNP01]. **shufflenets** [TYL94, YY98]. **shutdown** [SDV06]. **SI** [KK16]. **side** [GK16, KKV16, KG99, LP07]. **signal** [CH15]. **Signaling** [FST+09, GLH95, HA96, JGKT07, LVB96, LC97, RW93, THBR14, ZS03, ZS04, ZS13]. **signaling-free** [THBR14]. **signalized** [HLP11]. **signalling** [IZC00]. **signals** [BSH+11, GH93, TZZ+14]. **signature** [WLC+10]. **signatures** [WL99]. **significant** [CM05c]. **similar** [LHK+12, LTWW94, TG97]. **similarity** [CB97, LGD+10, WTSW97]. **Simple** [AB07, KM08, PK01, Bej09, BTC01, CLP12,

CHL16, CBAT06, CSSJ14, CLK01, FK03, GKT97, LDH+12, PFTK00, SMT98, SS93, SCY98, ZTS11, ZCL11]. **SimpleMAC** [CHL16]. **Simplification** [LS05a]. **SIMPS** [BLDF09]. **simulating** [FP01]. **simulation** [AD96, And04, Con11, DT93, HAGL16, LV06, LY10, PPPW05, ST04, Val07, YKKY08]. **simulations** [Geo08, PV04]. **simulcast** [KK12]. **Simultaneously** [CMFA14]. **Single** [ARK09, SNLL16, SPS+02, BM93, BHN11, BB96, BBL95, CFG08, CTG00, CJ97, GS16, GS10b, Hon94, JMI95, JK05, KNP05, Kim98, KRKH10, KAMG07, LL09, LC94a, LS03a, LRL07, PDSK04, PG93, RKA08, RA95, SG96, SSFM08, SV11, SPR08b, SX10, TMMS01, YWK07]. **single-and** [BHN11]. **single-cell** [YWK07]. **single-copy** [SPR08b]. **single-cycle** [SG96]. **single-hop** [BB96, JMI95, LRL07, RA95, SV11]. **single-hub** [Kim98, LS03a]. **Single-link** [ARK09]. **single-medium** [BBL95]. **single-node** [KRKH10, PG93]. **Single-Packet** [SNLL16, SPS+02]. **single-relay** [CFG08]. **single-ring** [TMMS01]. **single-server** [CJ97]. **single-service** [Hon94]. **single-source** [CFG08]. **sink** [AA05, AKK13, CPSWL96, KWS+11, LH10]. **SINR** [AKSS12, BRS10, CMP16, CJZS14, KWE+10, Kuc14, QZZ+13]. **SINR-based** [BRS10, KWE+10]. **SINR-constraint** [Kuc14]. **SIP** [JIN+12, SZ08, SNSW12]. **SIR** [HRCW08, KG05, ZY16]. **SIR-based** [KG05]. **sites** [CDI+04]. **situations** [RS95b]. **Size** [QJZ+16, CFS06, DMS06, HLZ+14]. **Sizing** [LMSKZ99, SC95, LBS11, LLM11b, Lin93, LWAT13, PDT09]. **skeletons** [Bej09]. **sketches** [SLC+07]. **skew** [LMS99]. **Skewless** [MMH+15]. **ski** [KKP15]. **ski-rental** [KKP15]. **Skype** [CCY+14, XYLL14]. **Skype/SILK** [CCY+14]. **SLA** [CZ06, SBDR10]. **SLAs** [DZH03]. **SLAW** [LHK+12]. **sleep** [WFS09]. **sleep/wake** [WFS09]. **sleeping** [YHE04]. **SLICE** [WJYL16]. **sliding** [Spi97]. **slot** [BB94, CEFS99, LHL15, STKL01, SS93, SS94a, SS94b, Sha97]. **slots** [ZVN99]. **Slotted** [FZ16, ALJ99, CFG08, MMR09, NSS96, IZC00]. **slotted-Aloha** [MMR09]. **Small** [MPN+14, ASKR16, EW08, JAS10, Kuc14, MWQ+10, SEMO09, SSZ05, SAS+16c, VSR11, WH97, YLCP11]. **small-cell** [Kuc14]. **SMAQ** [qLlH97]. **Smart** [TEE16, KAZ01, LTS10, MMC05, STKL01, SS07, WMYR16, CS14]. **smartphone** [KCCM16]. **smartphones** [YXFT16]. **SMDS** [Lin93]. **Smooth** [TL16, HSG+08, KKLS05]. **smoothed** [DRR98]. **Smoothing** [RT99, LCY96, LV00, SZKT98]. **SMS** [TEML09]. **SMS-capable** [TEML09]. **snoop** [ML06]. **SNR** [LT94b]. **Social** [GLZC12, QJZ+16, WLC16, AAG14, CS14, CPGZ15, DZNT14, JLX+16, KK16, LZL12, LWLL16, LLW+14, PES+12, SLL15, WWL+15, YKGF08, YGKX10, ZNZT16]. **Social-aware** [GLZC12]. **social-network-aided** [SLL15]. **social-proximity** [LLW+14]. **social-welfare** [AAG14]. **sociology** [BLDF09]. **sockets** [YL98]. **Soft** [AZR97, JGKT07]. **soft-state** [JGKT07]. **software** [DDPP00, Fel95, HA16, LNL+16, WF93b]. **software-defined** [HA16]. **SOLOR** [GSRS+15]. **solution** [CAP15, CLP12, KGPL13, MRHWS14, SRR08, XC08]. **solutions** [BBHK14, CMN12, KHG+14, MK10, SGD05]. **Some** [AS94, Le 02, MBRM96, SH12, JK96]. **SONET** [OSZ+06, SZ07, ZQ00]. **SONET/SDH** [OSZ+06]. **SONET/WDM** [ZQ00]. **sorters** [LC94a]. **Source** [HL96a, HR14, MBM09, LZKT99, VAS00, BK06, CFG08, CLS07, COS95, GV93, Hey97, KV98, KL95, LP07, RVS09, RJCE06, RL94, SAM12, WTSW97, ZY16]. **Source-adaptive** [VAS00]. **source-based**

[SAM12]. **source/channel** [GV93]. **sources** [BBM93, CP95, EM93, FNQ00, HA16, HS03, JJSS04, KWC93, LM95, LSS07, MH02, MR98, TSR14]. **sourcing** [NL16]. **Space** [LH95, AIN+15, GP98, LTS10, PLT14, ST04, SM00, SSFM08, WXR13, WXC16, WXW15, ZNN+10]. **space-based** [SM00]. **Space-time** [LH95]. **spaces** [LQ13]. **SPAF** [RSR11]. **spanner** [SS10]. **spanning** [GIKK11, GR16, QGCL11, YRO16]. **spare** [HBU95, HM04, KD10, LTS05, XM99]. **spare-capacity** [HBU95]. **Sparse** [DLLL16, ZSK12, DPMK11, SSM06, SAS96, WLL+11]. **sparsely** [ZLW16]. **Spatial** [AKSS12, BD07, VA06, WA11, BRM+13, CW10, CGGS97, HSPH09, HKCL13, NSW11, RW96, TWL04, TG96]. **spatial-temporal** [HKCL13]. **spatially** [ZKH10]. **Spatio** [BTC05, PS09, RZWQ12]. **Spatio-temporal** [BTC05, PS09, RZWQ12]. **special** [CCE+06a, CCE+06b, Tow06a]. **specific** [LLW+09, WEK97]. **Specification** [HBS96, LT94b, CDO97, OdG97, SR02, TNF97]. **specifications** [KLNS93, MP94]. **Spectral** [SL94, FHT+10, qLH93b, qLH93a, PJ13, SKK07]. **Spectrum** [DRQ+16, GT10, KS10, AAG14, AAS10, CZ12, CL09a, CL13, GS16, HGW+16, JGMB03, JL12b, KYY+12, KS12, MGCK15, MAS09, PWK+13, RPV13, SKY10, SC09, SL14, SK12b, WHTC15, YKZ+13, ZWTC16]. **speculative** [IM08]. **speech** [MBM09]. **speed** [AACD+96, AAZZ12, BS97, BK00, CCL99, CS98, CGS93, CGEN98, CT96, EM93, EVF06, FqL98, GLH95, GP96b, GGK99, HM06, HKT95, IK07, ILS97, KV96, KL13, KCCM16, LS93a, cLqL97, LH95, LMNM01, LYS93, LCH95, LLS07, LNM+09, LLE15a, LBS05b, LT94b, LXX+14, PLT14, RW07, SFAS05, SLC+07, SS03, SSZ03, SXLL08, XW11, YLCP11]. **speed-up** [LMNM01]. **speedup** [AD96, Kok10, MSS02, TT09, WYHL09]. **spite** [Cob02]. **SplayNet** [SAS+16b]. **split** [KD00, PGV16, XHN04]. **split-connection** [XHN04]. **split-incapable** [PGV16]. **splitting** [BIS00, LL09, SSM06, WQC06, WTXT11]. **spoofed** [WJS07]. **Spot** [MAS09]. **spraying** [BWS10]. **spread** [CFZ97, VOK09, YLCP11]. **Spreader** [LCL+13b]. **spreading** [SSV13, fTL06, VNS02]. **SPSA** [BFMF01]. **SPT** [NST01]. **SQUID** [SPC10]. **SRLG** [SYR05, ARK11]. **SRLGs** [ZJ12]. **SRM** [LESZ98]. **SRR** [Guo04]. **SS7** [Rum93, RS95b]. **Stability** [JSZ14, LLCL11, LJA14, MMT16, MJ13, RMPG16, Tia05, Voi07, DKL01, AZ03, AOM04, AEJV13, BLPS10, CDRV11, FP14, GPLT15, JT01, LV06, LMNM01, Lie97, LLS09, LE06, PWDL05, RLA06, SLD14, TWLC10, YS93, YDS06b, ZKL07]. **stabilization** [AZ06b]. **stabilizes** [TG96]. **Stabilizing** [GCH+15, AACD+96, KR05, LBS05b, Spi97]. **Stable** [AGGT16, ESP05, GR01, OAN15, AB05, CLK01, GSW02, JMS08, KNK+14, KG16, YXF+13]. **stacked** [SSFM08]. **Stackelberg** [KLO97]. **stacking** [JSuRKH03]. **Stage** [CWGT14, BHN11, HY10, HL00, KD00, LHZ+16, SYP01]. **staging** [ZWDS00]. **STAIR** [BKLM06]. **staircase** [TCS04]. **stale** [SRS01]. **stamp** [SA01b]. **Star** [LYC11, DS99, LA95c, LS01, PM96]. **Star-block** [LYC11]. **Start** [GVC97]. **Start-time** [GVC97]. **starvation** [GSK08, GMSK09, Sha97]. **State** [CMP+14, AKA10, CLW95, CKR93, DW11, FB07, JGKT07, KK03b, LRC15, LB04, LWR15, MWQ+10, Nai97, OdG97, QY12, RZC11, SRS01, SKV03, SZM08, VVP+12, XHN04, XCR11, XCR15]. **state-dependent** [CLW95, CKR93, LB04]. **stateless** [CB11, RSR11, SSZ03]. **states** [Kop96, LA95a]. **Static** [CV12, LT02, CKL16, EM09, ITSO01, LYWL08, LS09,

MWQ+10, Mar04, PL02, WCY04, WXBZ04]. **static-priority** [ITSO01, WXBZ04]. **station** [AKSS12, GT00, LMS06, PT96, SH12, SKS16]. **stationary** [AAB05, LV06]. **Statistical** [CL03, DT93, KR08, cLqL97, MBA06, RLP06, SD00, CP95, CBL06a, FqL98, KKP15, LM95, Lee96, qLlH97, LMS04b, NR13, RRR02, SMH95, SGR13, SL94, WTSW97, WM96]. **statistical-matching** [qLlH97]. **statistically** [GV93]. **statistics** [BCGC15, DLT05, HLZ+14, HXLZ11, SHN16, WZLX12]. **Steady** [QY12, XHN04, DW11, SKV03]. **Steady-state** [QY12, XHN04, DW11, SKV03]. **stealth** [DKC+15]. **Stein** [FM06]. **Steiner** [AC98, CAP15]. **steps** [Geo08]. **STM** [IMG98]. **Stochastic** [FK13, HLP11, LFL14, MW05, WLL01, XC08, AAB05, BBM93, CE08, FMMR10, HN10, LYRL07, LRL08, NML08, Nee16a, NCT14, ORS93b, SKKA01, SR01, VG05, WWL02, XY10b, YAA09]. **stop** [LZ09, QY12]. **stop-and-wait** [LZ09, QY12]. **Storage** [LMD16, LK16b, XLAC16, AK09, BM97, DPR06, LK14, MPFK02, PT10, SK13, YJZW15]. **storage-efficiency** [PT10]. **store** [CD96]. **stored** [SZKT98]. **strategic** [La16]. **strategies** [AC16, AAS10, HPR06, JK96, KLO97, KK06a, LS93b, LO02a, LS97c, MV14, Ram08, TAB+15, VGKG10, XM99, ZZZ+07, ZCL11, ZM04]. **strategy** [AVPG14, JR96, LMP08, MHRR12, QSS+15, SCY98, WHTC15]. **strategy-proof** [WHTC15]. **stratified** [Kar10, RP06]. **stream** [KS13, PS98, SJ95]. **Streaming** [JSZ14, KHG+14, KCM16, LLT+16, MRR+14, SQ16, TL16, ACKZ14, CC06, CJW11, CZCC14, DM14, DYX12, FHSZ13, GMY13, JBR16, KL07, Liu10, MR09, MEVSS03, OWKS16, PWMC12, SLL15, SHN16, VNS02, VAM+06, WXR13, WLCW16, WCAB15, WLZ11, ZSCJ14, ZEV07a, ZEV07b, ZLW16, ZCL11]. **streams** [BD97, BS02, CM05c, GZT03, HL03, HH10b, SLC+07, WD05]. **street** [LK95]. **strength** [CH15]. **STRESS** [HGE04]. **stressed** [BF01]. **stretch** [LQ13, MWQ+10]. **Strictly** [JPH08]. **striding** [ARS16]. **string** [NST01]. **striped** [DLPT06]. **Strong** [LLWB16, Tur09]. **Structural** [MP94, JL12a, PJ13, SMH95]. **structure** [BSS11b, DPBT11, DMS06, KLPS06, OPW+10, OGLK14]. **structured** [BFMF01, BQ08, KEAAH08, LCW05]. **structures** [FDG+10, MJ13, SJ12, VL97]. **Structuring** [BS02]. **STS** [BKH+93]. **STS-N** [BKH+93]. **Study** [CWGT14, LS97a, AT03, BM00, CLSC15, DYH13, ESG11, FST+09, HJL+12, HL98b, IZC00, KYY+12, Kon06, KEAAH08, LS93b, OSW97, RrBG94, SML04, SZM08, SENB09, WLS97, XG05, XYLL14]. **stuffing** [CB99]. **style** [AB05, VGKG10]. **sub** [BFF07]. **sub-50** [BFF07]. **subcritical** [GGL09a]. **subject** [NT00, XSZ+07, ZWYY10]. **submodular** [KLT15]. **suboptimal** [LLCL11]. **subscribe** [OR11]. **subscribers** [GMZR13]. **subscription** [GJVZ06]. **subset** [AB09]. **Subsidization** [Ma16]. **substitution** [CDS02, PL02]. **substrate** [KMZR12]. **successive** [LTS05]. **Succinct** [LS09]. **suffice** [SX10]. **suitability** [LZSS10]. **suite** [BFM+96]. **Sum** [HS14, HS16, Far95, McA94, TCS13]. **Sum-Queue** [HS14, HS16]. **summaries** [KM08]. **Summary** [FCAB00]. **SUNOS** [PP93a]. **super** [GGL09b]. **super-critical** [GGL09b]. **superimposed** [WM16]. **superior** [PT10]. **superlinear** [BLC11]. **superlinearly** [BS08]. **supervised** [HFC+13]. **supplemental** [BK06]. **supplementary** [JWSH15]. **support** [Ada98, CPSWL96, GCZ98, KLSV12, SWKA01, YW11, YL98, ZM04]. **Supporting** [HGG06, Ram08, SZKT98, ACR12, BM97, CJJ09, CL09b, FT07, Lin93,

PGV16, RVS+02, WM96, YD04, DKL01]. **suppression** [HGE04]. **surge** [CLSS09]. **surjective** [FJ07]. **surjective-mapping** [FJ07]. **surrounding** [LLNC09]. **surveillance** [LJW+07, YKR11]. **Survivability** [EM09, LML11]. **Survivable** [HMM11, OSZ+06, AM16, Ali06, BO07b, FCT03, HBU95, HC07, IMG98, KNP05, LGC16, LYC11, LTS05, MK96, SJ12, SZM08, YRO16]. **survive** [RS05]. **SUSE** [PT10]. **sustaining** [AWKN16]. **swapping** [CO94, Coh94]. **swarm** [DC13, DPBT11]. **swarming** [MDL+13]. **Swing** [VV09]. **Switch** [CWGT14, AMI+07, AMKY99, BL94, BS00, CL03, CC95, CM93, CAH08, GSD09, IM03, JK96, KJF+00, KR00, Kim94, KK03a, LS06a, LK10, MS03, Mne08, OWMM97, ODC+16, PYL99, RCOC03, She95, WY95, WLL01, YCL09, YZ10, Zal09]. **Switched** [FZ16, BO00, BV10, BTC01, CHA95, Coh94, FGK10, FRC98, FCT03, GT00, JM00, LT02, MDMM09, RZZ06, SEMO09, SV98a, Tha04, WCY00, ZJS+12]. **switches** [AZ03, ACP05, BHN11, BS00, CT95, CLY06, CH97, CH98, CMFA14, CDM93, GKS05, Geo08, HM06, HSG+08, HY10, JMS08, JAS10, KKLS05, Kok10, LS94, LA95b, LLLS07, LMNM01, MBG+02, MBG+03, McK99, MS95, MSS02, NMC07, NPQ06, NMH99, OJRCC02, Pad95, PB93, RCGT06, RB09a, SV99, SPC10, SM00, Smi02, Smi08, TGT01, TT09, TD03, WYHL09, ZY07a]. **Switching** [MSS02, BM93, BT93, CAQ07, CqLL98, CH93, CHCH00, CCL09, CSS+14, CFS09, CT96, GKS05, GVC97, HSG+08, IKDD15, LL95, LQXX07, Lia06, LWT+15, LNC98, LC94b, MSH95, MHSC95, Mne08, NML98, NPY07, PMH95, QY04, RrBG94, Ses97, Sha94, Tas99, Tha01, Tha04, WH97, WKZL96, ZGS10, ZKO93]. **sybil** [YKGF08, YGKX10]. **SybilGuard** [YKGF08]. **SybilLimit** [YGKX10]. **symmetric** [ZVN99]. **Symphony** [RKZG10]. **Synchronizable** [CU95b]. **Synchronization** [HKS16, Ber00, EPD94, FJ94, HS06b, LSW15, MMH+15, RVB12, SKR+09, SA05, VRK09, ZLS96, ZS03]. **synchronize** [Lev95]. **Synchronized** [ASSK13, RR93, WFS09]. **Synchronizing** [TKZ94, Mil95]. **synchronous** [BIV01, BSSS01, BD97, CHA95, CK07, OSW97, RKZG10, WF93b, WTS+13, ZB95]. **Synoptic** [HFC+13]. **synthesis** [ZNN+10]. **System** [APSG14, AAG+16, LLT+16, VLMN09, WCC14, YC12, ZCM14, AS09, AYS+13, AKS+13, BAC12, BLCT97, BGJ+04, CSC94, CCLT02, CFZ94, CS99b, CTVD14, DM14, FGM+13, Gao01, GBC+95, HLSG04, HN10, JBDF07, LC97, LCH+06, LY94, LCL13a, LZES14, LFV10, LHC05, McM95, MRD08, PBKG11, RD11a, SZG+13, SL15c, SLL15, VGP14, WH97, YL98, YW07, YNDM09, vDP93]. **System-level** [YC12, RD11a]. **system-theoretic** [LFV10]. **systematic** [CLSC15, LMT10, SSR+11]. **Systems** [LMD16, SQ16, AZ11, BB94, BSNI06, BS09, BNS11, BBL95, BMS14a, BSP07, BQ08, CKR+09, CqLL98, CHCH00, CPS+12, CZCC14, CLM+16, CHLS07, CJJ09, DM15, DEH+07, EF08, FUDA03, FLMM10, GSN+16, HL99, HK94, HS03, HS08, HLP11, Hon94, HG14, KAEAS14, KD10, LVB96, LMS05a, LBHO07, LZSS10, LDH+12, qLP97, LZZR12, LZL11, LPP11, LS97b, LS05a, LJW+07, LCW05, LCQL14, MBC+94, MV08, MDL+13, PLD16, PD07, QCLC16, QS05, RW07, RD11b, SNS12, SHZ16, SWL06, SKG12, dSeSGM95, SS96, SS04b, SRS08, TM13, TAB+15, WF93a, WXR13, WLR10, XSC01, XSC03, YZP+14, ZGG05, ZLW16, ZL13b, ZL14, dAF04].

table [AN05, ZGG05]. **tables** [LS05b, LS10, PT10, PT12, RTK+16, XLZC14]. **tackling** [AST11]. **Tag** [QCLC16, CLM+16, LL09, LHL15, LCQL14, ZL13b, ZL15]. **Tag-ordering** [QCLC16]. **tags**

[HQY+16, HQW+16, LCL13a, SL15a]. **Tahoe** [SKV03]. **Tail** [RMPG16, TSS14, NJW16]. **Tailed** [MMT14, MMT16, BMvU03, JMMT12, LGD+10, NAA+16, NJW16]. **Taking** [Bej09]. **talk** [WS05]. **Taming** [HZL16, TRKN12]. **target** [ACCF12, CDH+10, SG13, SH07, YZP+14, ZG08]. **targeted** [HBB09, KLMW11, KK06a]. **tasks** [ZLM16]. **TCAM** [BBHHR10, CSLH13, CW16, LMT10, MLT11, MPN+14, RKH+16, WXC16, ZHLL06]. **TCAM-based** [CW16, MLT11, ZHLL06]. **TCAMs** [LMT10, LS10, MLT12]. **TCP** [CBAT06, AMP01, AAB05, AT03, BH05, BPSK97, BLPS10, BC01a, BV05b, BHL+06, BBM+10, BSS+11a, CM12, CDFG06, CBD02, CLM99, CL16a, CR98, DW11, EL11, EW08, cFKSS99, GLMM04, HSH+06, JD03, JGMB03, KV98, KVR98, KVR02, KK05, KP96, Kum98, KK06a, KK06b, LM97, LMS00, LLS07, LBS05b, Low03, MBA06, MGG+05, MNR03, MMC05, MSBZ10, MG95, ML06, PFTK00, PP93a, PMW10, Pax94, PWHL16, PDT09, RMPG16, RAL04, RLZ10, RKPP16, SM14, SKKA01, SCR08, SWL06, SKV03, SR02, SHHP00, TL06, VSR11, WLLD05, WJLH06, WFGZ13, YSL+14, YR01, ZRK06]. **TCP-compliant** [BLPS10]. **TCP-friendly** [JGMB03]. **TCP-like** [CBD02, SWL06]. **TCP-LP** [KK06b]. **TCP-Peach** [AMP01]. **TCP-RED** [RAL04]. **TCP-targeted** [KK06a]. **TCP/AQM** [EW08, SCR08]. **TCP/IP** [AAB05, KP96, LM97, LMS00, PP93a, WLLD05]. **TD** [Wan04]. **TD-CDMA** [Wan04]. **TDM** [BD97, Tha01]. **TDMA** [CS99a, DHSS14, DV09]. **TDMA-based** [DHSS14]. **technique** [CHLS07, FUDA03, KLS11a, WWT05, ZBXH13]. **techniques** [BMM+09, BP96, CSS08, DRM04, GZT03, GS97, KR08, KT06, RR93, SXLL08, TBV+13]. **technologies** [ALMR14, JKJ13, JWSH15]. **technology** [SJGH10]. **telecom** [HMM11, SZM08]. **telecommunication** [LC97]. **telecommunications** [KA03, MOZ05, ZWO+96, dFV02]. **teleconferencing** [RB95]. **telephony** [GS04, XYLL14]. **teletraffic** [Lee96]. **Temporal** [RZS14, BTC05, HSPH09, HKCL13, PS09, RZWQ12]. **tenant** [CYG+14]. **tenant-directed** [CYG+14]. **Tenet** [BFM+96]. **term** [KH15, SENB09]. **Terminal** [HR14, BB95, KD10, XHN04]. **terminals** [JS12, VA07]. **Terminating** [GS04]. **termination** [CO94]. **terrestrial** [ZRK06]. **terrestrial-satellite** [ZRK06]. **test** [CU95b, MP94, UZ93, ZKVM14]. **testbed** [KKM+97]. **testing** [HLSG04, HKLS12, HBS96, LM13, LCH+06, SMV93]. **tests** [FUDA03, MP93]. **tethering** [HLS+14b]. **their** [FK07, Far95, LMP96, MCS99, McA94, SKG12, dSeSGM95, TLS+12]. **theorem** [CS98, Su15]. **theorems** [HBH93, WJK06]. **theoretic** [BGSSW13, CL16b, DJ12, DM96, EML12, GSA15, KR99, Kon06, KK12, LFV10, LyT98, LRL07, LCW05, MLLY06, NOF14, RSS09, She95, SBP03, SM05, SXLL08, VT12, YMR00, YXF+13, ZRLD05]. **theoretical** [CCG00, CSMW02, CGM04, KL13, LWT+15]. **theory** [BCR+12, CCE+06a, CCE+06b, CRB09, CCLT02, CL04, CG97, ES05, FHT+10, GO99, KLT15, MRD08, RV01, SL05, SRP+11, Sob05, SQ12, Tow06a]. **thinnest** [GZS15]. **Three** [CWGT14, KL95, GR16, HL00, KD00, LPF12]. **three-dimensional** [LPF12]. **Three-level** [KL95]. **Three-Stage** [CWGT14, HL00, KD00]. **threshold** [LS93c, LQCC16, NL99]. **threshold-based** [LQCC16]. **thresholds** [CH98, HC02, RrBG94]. **throttles** [LT95, YLLY05]. **Throughput** [CHM+05, CFS11, GGC93, JJS13b, KIR08, KNSV13, LLE15b, LK16b, LYS11, NL07,

SL12, XY10b, YS15, AP93a, AWKN16, BM08, BZM08, CCG00, CBD02, CSS06, CFS06, CS15, CMGL11, CN10b, DW11, DFT06, EMPS06, EW08, FK99, FSM14, GSK08, GIKK11, HL15, JD03, JS12, JGLS14, JGS+15, JW10, JW11, JJL15, KLC15, KH15, Kok10, KNK+14, KHW12, KT06, LNS11, LH13, LMMN07, LLL06, LQXX07, LE12a, LZES14, LZC09, LE06, MBG+03, MSBZ10, MS03, NTS12, OY13, PMW10, PPSV13, QY12, RPF+14, RB09a, SGR13, SSM03, SPC10, SKV03, Smi95, TWL04, TWL06, VGP14, WZY+16, XLZC14]. **Throughput-competitive** [CFS11]. **Throughput-Delay** [LK16b, EMPS06, GIKK11]. **Throughput-optimal** [JJS13b, KIR08, KNSV13, LLE15b, LYS11]. **throughput-optimality** [JW11]. **throwboxes** [BCL10]. **thwart** [KVF+12]. **Thwarting** [BOGS+16, WLC+10]. **TIE** [TGRR07]. **tier** [DJ16, JID+07, NBTD07]. **Tier-1** [JID+07, NBTD07]. **tiered** [RB09b]. **ties** [CPGZ15]. **Tight** [CLW16, CRV13]. **tilt** [PLR15]. **Time** [Ber00, CRL96, CZC+13, CFZ97, CGEN98, DYW+16, FZ16, GMZR13, KG16, Nee16b, SA05, YDS06a, Ada98, AA04, AAM05, BOY00, BO03, BM09, BFM+96, BB94, BCGM07, BC01b, BBM+10, CE09, ÇM15, CNS04, CE08, CS00, DZNT14, ES03, FCA+06, FHH10, FCL97, FK03, GV93, GP98, GVC97, GKT97, GT03, GPM03, GAA08, Guo04, GF95, GCS06a, HS03, Hou14, HS06b, HLG94, HGG06, IS00, Ili00, KMR95, KWJY16, KMH12, LDFK12, LH95, LLD96, Lev95, LSM+14, LMS99, LLS09, LCQL14, MRM99, MR98, Mil98, NJW16, NMR03, ODC+16, PZS+16, PSA96, LZKT99, RVA00, SKR+09, SYP01, SK10b, SBP03, SZN00, SA01b, Świ96, TAG08, Tha04, TC06, VAS00, VSR11, WXBZ04, WFS09, XL98, XZTT08, XGF+14, YSZL15, YL16, ZVN99, ZLS96, ZA11, ZPCS11]. **Time-bounded** [CZC+13]. **Time-clustering-based** [GMZR13]. **time-complexity** [Guo04]. **time-critical** [DZNT14, ZPCS11]. **Time-diffusion** [SA05]. **time-division** [SYP01, Tha04]. **time-driven** [BOY00]. **time-of-day** [LSM+14]. **Time-scale** [YDS06a, GKT97, GT03]. **Time-shift** [CGEN98]. **Time-Slotted** [FZ16]. **Time-spread** [CFZ97]. **Time-stable** [KG16]. **time-stamp** [SA01b]. **time-synchronized** [WFS09]. **time-variant** [SBP03]. **time-varying** [ÇM15, KMH12, LLS09, NMR03, TC06]. **timed** [HR95, RW95, Świ96, ZB95]. **timed-token** [RW95, ZB95]. **Timely** [EPB14, NABZ12]. **timeout** [LO02a, MBA06]. **timeouts** [dSeSGM95]. **timer** [HGE04, Hon94, Kar10, VL97]. **timer-controlled** [Hon94]. **timer-suppression** [HGE04]. **timers** [FUDA03]. **times** [AAM05, GPLT15, HK96, NAA+16, PP02, SR01]. **Timescale** [RYS12, BFMF01]. **timing** [AD96, GK16, KKV16, VL97]. **tiny** [LMSKZ99]. **TLS** [SNSW12]. **TOFU** [XL11a]. **token** [AK96, GQ16, HR95, Hon94, RW95, dSeSGM95, Świ96, Tod94, ZB95]. **token-passing** [Hon94]. **tolerance** [AA96, BDHR10, PT94]. **tolerances** [CS99a]. **Tolerant** [HK14, AD11, AABD13, BWS10, CS14, GLZC12, HIM07, LSS+13, Pad95, SS09, SAKS13, UN11, WMS09, WKA+13, WMYR16, ZNK+13]. **tomography** [DL04, DLPT06, EDBN12, GDW+16, MG16]. **tomorrow** [CWSB05]. **tool** [qLlH97, LCB+10, SP94]. **toolkit** [LBP+16, WJZ+12]. **topic** [CJV16]. **topic-based** [CJV16]. **Topological** [DLL+11, ES96, MLT11, Ros05]. **Topologies** [MBLN93, WJYL16, FMMLH06, HLHD+04, HFKC12, KS01b, OMA+10, PEA09, QM99, SA04, SMWA04, SKZ03, SRS08, YJZW15]. **Topology** [AS01, BGJ+04, CN16, DJ14,

GNP+13, NOF14, Su15, AA93, AACD+96, AM16, ALWD05, APSKPMGM12, Bej09, CA03, CF94, EDBN12, FHT+10, GW94, GM03, GB10, HIM07, HSFK09, JL98, KH07, LA95c, LHB+05, LH05, LNC04, MOZ05, MOY00, NXTY10, OY95, SLG+16, SFFF03, SK06, SCY08, WC08, WL10, ZCD97]. **topology-control** [LHB+05]. **Topology-transparent** [Su15, JL98, SCY08]. **Tor** [AYM14, LLY+12]. **torus** [SMG06]. **total** [ZH08a]. **totem** [TMMS01]. **Touring** [KSG11]. **trace** [PV04]. **trace-driven** [PV04]. **traceback** [Goo08, SWKA01, SPS+02, SXLL08]. **traceroute** [GS09]. **traceroute-based** [GS09]. **traces** [MYYR13]. **Tracetree** [SA04]. **track** [CTVD14]. **tracker** [DC13]. **tracker-based** [DC13]. **Tracking** [KMH12, GSD09, HQW+16, LHL15, MHS95, NL99, SZ08, SG13, SH07, TGT01]. **trade** [FLC09, LA95b, SMS07, WKZL96]. **trade-offs** [FLC09, LA95b, SMS07, WKZL96]. **tradeoff** [CZF+16, GIKK11, HMNK13, KCCM16, LCQL14, MAN15, MV16, LZKT99, SMP+14, SD15b, TPC09, WHW+11]. **Tradeoffs** [LMS04a, Nee16b, BM00, JWSLC13, KNK+14, LSMS06, PS05, SK13, XL05]. **Trading** [CV96, CL13, LWLL16, SL14, SML04]. **Traffic** [CN16, CDS02, DJ12, DK98, HS08, KLS11b, MMT14, MMT16, PCW+16, RB95, RZS14, SK11, AS94, AS14, AA04, AJDH01, APSKPMGM12, AC06, BBFG95, BGVC00, BBMELH08, BK00, BGK97, BB96, BI00, BBK12, BBM+10, BL94, CAQ07, CKL16, CS99a, CLC+01, CCLT02, CRD08, CC96, CS99b, CJOS01, CPSWL96, CN09, CB97, DM95, DTM15, DG01, EAB01, EM93, ENW96, EM09, FTV+10, FRC98, FGL+01, cFCcFW05, FMMR10, FKT98, FqL98, GP96a, GM03, GGPS96, GRS00, GP94, GKT97, GB99, GS10b, GLSB08, HA16, HL96a, HL96b, HL03, HFC+13, HV06, Hou14, Hou15, HLG94, HGG06, IS00, ITSO01, JK96, JMMT12, JS06, JS11, JBDF07, KVR98, KJF+00, KWJY16, KHG+14, KL95, KR08, KZ97, KLS09a, KLS09b, KLOS09, KLOS11, KLPS06, KA95, KZDM07, LA02, LCM04, LBFE09]. **traffic** [LA95b, LL98, LTWW94, LYS93, qLlH97, qLP97, LCL12a, LE12b, LLE16, LTY06, LS03b, LMS04b, LNR94, MJ01, MCS99, MG16, MR98, MBG+03, MGR02, Med95, MBM09, MJ13, MW05, Mod99, MLC07, NS03, Nee09, NABZ12, NT00, OSW97, OMA+10, PLD16, PSK+15, PG94b, PF95, PDT09, LZKT99, QK01, RHC+12, RD11a, RCFC15, RZWQ12, SMG06, SK10a, SK12a, SHHA09, STM+12, SW04, SJL+13, SMC02, SAM10, SHN16, SM05, SSD93, SAM12, SNC+07, SGD05, SV98b, SA01b, SS05, Świ96, TNRP11, TG09, TMH11, TG97, VV09, VSR11, WJS07, WH11, WA11, WZY+16, WJK+12, WH97, WTSW97, WM96, Xin07, XZB08, XCR11, XWG14, XCR15, YRRR12, YD04, YWK07, YSZL15, YTJQ05, YZ10, YNDM09, ZQ00, ZRLD05, ZCX+15, ZBA16, ZDR04, ZZZM03, dOSAU04]. **traffic-aware** [RD11a, WH11]. **traffic-feature** [FTV+10]. **Traffic-oblivious** [KLS11b]. **traffics** [Low00]. **trails** [BTH11, CCF04, THRW12]. **Trajectory** [DG01, DG08]. **transactions** [BC01a, Tow06a]. **transceiver** [RS97b]. **transfer** [BKTN03, IAS06, LS97b, RW04, XL98, XSHS12]. **transfers** [LSS+13, MG95]. **transformation** [BCL12, MLT11, PT10]. **transient** [AQJRS16, ANSX13, DGK05, EJ14, FB07, HBH93, NLY+07, WQGW09]. **transit** [CSG14, MCL+11]. **transition** [ANSX13, TCS04]. **translation** [LSV01]. **transmission** [AABD13, ATB+10, BSH+11, CL09a, CF94, CPS13, CWW+15, GMLP10, HH10a, HLG94, IM08, KWCR10, LZ13, MCLG07, MGK12, MSS+12, NBT98, OÇ10, PLS07, RA95, SL07a, SH14, TSR14, UBPE02, WBP+11, WQZ+13, ZM09].

transmission-range [BSH+11]. **transmissions** [BB96, CCA96, PS94]. **Transmit** [ZKH10, GMS16, QCS07]. **transparency** [GG94]. **transparent** [BMB+11, BCB99, CMV10, JL98, Su15, SCY08, WSMJ04, ZTS94]. **Transport** [FST+09, RBS02, AKS96, AA05, ACC+94, AS02, BWH+07, GAA08, HOT97, KMR95, LS93a, LyT98, LT94b, MG97a, MEWP13, OdG96, OSZ+06, PDE08, PSA96, RG98, SL95, SKRK12, SS96, XK06a]. **Transporting** [LMR99, ZH08b]. **Trap** [TYJ16]. **traveling** [BRS06]. **treatment** [BY06]. **tree** [BO03, BGVC00, CAP15, CPSWL96, FY07, GL10, IKDD15, LHL15, MSWL06, NST00, Ram96, SMG05a, SA04, SL15b, WJK06, YNDM09]. **tree-based** [IKDD15]. **tree-packing** [WJK06]. **Trees** [HS16, AC98, BLS07, CA03, DMS06, GIKK11, GR16, HSE97, JRY09, LO02b, MFB99, QGCL11, RMM99, SG05, SSM06, YRO16, ZXTT08]. **trends** [KSG11]. **trie** [BLC12, SKHL12]. **tries** [SK03]. **trilateration** [YLL10]. **trimming** [GDW+16]. **trip** [AAM05, LV06]. **truth** [NL16]. **Truthful** [AAG14, MPF+15, SK12b, XL11a]. **truthfully** [ZLM16]. **TSMA** [CFZ97]. **TTL** [GMD15]. **TTL-based** [GMD15]. **tuangou** [CSG14]. **Tunable** [YRO16, CM03, TGRR07]. **Tuning** [CJOS01, BO07b, CCG00, HP00, RS97b, ZA11]. **tunneling** [KRKH10]. **tunnels** [HTC04, KL03, LRJ08, LYL07]. **turn** [SKZ03]. **turn-prohibition** [SKZ03]. **Tussle** [CWSB05, XB14]. **TV** [HH10a, HH10b, TAB+15]. **TVA** [YWA08]. **Twelve** [DD11]. **Twins** [HQW+16]. **Two** [AS07b, CSS08, KVR98, LS94, LL09, LWT+15, BFMF01, BHN11, CR99, CLL+14, FCA+06, GCM+16, HY10, HN10, KS06, LYC11, LHZ+16, LESZ98, LJNK12, LS05b, RKZG10, SHJ10, TZP+10, TdWC+94, WLCC07]. **Two-dimensional** [AS07b, LS94, LWT+15, CLL+14, LS05b, WLCC07]. **two-hop** [LJNK12]. **two-layer** [CR99]. **two-level** [LYC11, TZP+10]. **two-path** [SHJ10]. **two-phase** [RKZG10]. **two-stage** [BHN11, HY10, LHZ+16]. **two-time-scale** [FCA+06]. **two-timescale** [BFMF01]. **Two-way** [KVR98]. **type** [Kam96, OWMM97, YZ10]. **types** [DEH+07].

ubiquitous [LKZ+04]. **UDP** [FMMR10, PP93b]. **UFL** [THRW12]. **UHF** [HQY+16]. **UIO** [CU95b]. **ultra** [Szy16]. **ultra-low-latency** [Szy16]. **ultrasonic** [SMGP15]. **Unachievability** [DFZ06]. **unambiguous** [THRW12]. **unbiased** [SRD+09, ZCB09]. **unbuffered** [MM94]. **uncertain** [LO98, SBP03, YNDM09]. **uncertainty** [GTS+09, HZL16, HKCL13, KLC15, MW05, YC12, dFV02]. **uncooperative** [FCA+06]. **underlay** [KNK+14, XB14]. **Underload** [MFL+04]. **Understanding** [ALWD05, ALW09, AST11, ECN09, cFKSS99, GGM11, JLS09, TWL04, WL10, ZCY16, MA12, WQGW09]. **underwater** [HKCL13, ZPCS11]. **undirected** [JVY06, LLL06]. **unequally** [RIM98]. **Unicast** [HR14, AADS05, DLPT06, ESG11, FML09, GLAMM11, GLSB08, JVY06, LNB01, LO02b, LORS06, OS05, QTWW16, RS00, SL05, ZNK+13]. **unidirectional** [hCgKsYwT96]. **unification** [WJK06]. **unified** [AA96, CS00, GLSB08, LEYS11, LCG+14, NCT14, PM09, RL07, SS07, TYJ16, Tha01]. **uniform** [BB96, HL99, MM94, NT00]. **uniform-traffic** [BB96]. **unifying** [JWSLC13, ZFC15]. **unilateral** [BSS14]. **UniMIN** [BS00]. **unique** [AM16, Nai97]. **uniqueness** [RKA08, TWLC07]. **universal** [Lev95]. **universality** [Sha94]. **Unknown** [YZP+14, GKJ12, MS14, SZT01, ZWTC16]. **Unknown-target** [YZP+14]. **unprecedented** [CSS+14]. **unpredictable**

[KLS09a]. **unpunctual** [Lee96]. **unreliable** [DG08, Hou15, LCQL14, ZW14]. **unsaturated** [TS08]. **Unslotted** [CFC01]. **Unstructured** [YCL15, RS05, SRS08, SRD+09, WZR08, YWLL09]. **unsupervised** [HFC+13]. **untuned** [PRR06]. **Unveiling** [CKC+13]. **UPC** [MR98]. **upcalls** [GP98]. **UPCF** [CHH06]. **update** [AHL96, CVM+15, Lin97]. **updates** [BN05, LXX+14, NM09, SZM08]. **Upgrading** [MK10]. **uplink** [ASKR16, CS99b, CK07, DM15, HRCW08, SEK15]. **uplinks** [Nee08]. **upon** [BFF07]. **upper** [FP95]. **urban** [ACVS10, CK10a, CAK12]. **Urn** [GYSPR14]. **URSA** [LKZ+04]. **usability** [KCA97]. **Usage** [ACVS10, CSN06, JK05, KL03, LRJ08, SKK07, WXC16]. **usage-priced** [JK05]. **use** [BCL+09, BBL95, FF99, KAZ01, MCL+10, MCS99, RK15, TNF97, TG96, ZAFB00, ZA95]. **used** [ZVN99]. **User** [Bor05, AG16, AW04, Bar95, BMM+09, CAO11, CKR+09, DFMR15, GP98, HSPH09, JBR16, JL12b, KDYV12, KLC15, LAPS08, LCB+10, Nee08, RD11b, TNML93, VG04, VCM04, XY09a, YD04]. **user-controlled** [LAPS08]. **User-level** [Bor05, LCB+10]. **user-provided** [AG16]. **user-session** [BMM+09]. **user-space** [GP98]. **users** [DJ12, FP14, GHR14, GH04, HLS14a, JKJ13, KS06, LPIH11, NL99]. **Using** [Ada98, CSG14, CJH+11, LLL+16, MGG+05, MPN+14, SHN16, TR98, WCC14, ASW00, ARK09, AN05, ABA+16, AOM04, BLC12, BLBS06, BHL07, Ber00, BFMF01, BKTN03, BLDF09, BL04, BDWS12, BBHK14, CLP12, CAO11, CHM+05, CLC+01, CW16, CKKK09, CCF04, CFD06, DKT06, DLPT06, ES96, ES07, EM09, FWL08, GLA93, GMWD13, GLG04, GP98, GR12, GSD09, GT00, GCS06b, HQW+16, HKLM07, HKLS12, HBS96, HK96, IPG97, IAS06, Kam96, Kam10, KRLL11, KKL03, KBS12, KHTK00, KMH12, KRKH10, KL03, KLS03, Kop96, KLO97, KS13, LSV99, LRJ08, LBFE09, LDK12, LAN97, LS99, LZF09, LGW+11, LTY06, LJ09, LMT16, MSS02, OWKS16, PYL99, PWMC12, PD16, PSA96, PJ13, PWK+13, PP02, RRK96, SGR13, SEK15, SRS03, SYDM09, SG96, SJ12, STKL01, SV96, SAM10, SK06, SNC+07, SKZ03]. **using** [SS04b, TNRP11, UZ93, VWT+14, VS97, WJS07, WJK+12, Wil96, WGL00, WWL02, WZL+13, YD07, YL16, YKKY08, ZKH10, ZAS12, ZLS96, ZGG05]. **Utility** [CPS+12, HN13, LA02, PLR15, BNS11, BMS14a, EML12, HMNK13, HL15, JW10, KS03, LLCL11, LCZC13, Nee13, XSC03]. **Utility-based** [LA02, XSC03]. **utility-delay** [HMNK13]. **utilization** [CZ12, QS04, SCY98]. **utilizing** [CFM+09, CS14, RS07, ZZHZ13].

vacations [RW95]. **validation** [ALWD05, CBAT06, DM14, PFTK00]. **validity** [HDM10]. **Valuable** [DFGV11]. **value** [MCL+10]. **VANET** [LNL+16]. **VANETs** [FGM+13, HLP11]. **variability** [LBFE09, SZKT98, WTSW97]. **variable** [BB94, BGK97, CR99, FNQ00, JMI95, KLS09b, KLOS09, Le 02, RT99, RKK14, SA01b, Tha01]. **variable-bit-rate** [RT99]. **variable-increment** [RKK14]. **variable-length** [JMI95]. **variable-rate** [FNQ00, Tha01]. **variables** [GKJ12, NM09]. **variant** [SBP03]. **variation** [JJSS04]. **variations** [HH98]. **various** [AT03]. **varying** [BLEM+12, ÇM15, KMH12, LLS09, NMR03, SR01, TC06]. **VBR** [Ada98, BI00, CLC+01, HL96a, HL96b, Hey97, KL95, KZ97, LyT98, LNR94, MCS99, RB95, WKZL96]. **VBR-video** [HL96b]. **VCP** [LY10]. **vector** [ZCJ+13]. **vehicular** [CK10a, LNL+16, LLW+14, ZSK12, ZLSK15]. **verifiable** [ZZG+16]. **verification** [KBS12, KVF+12, OdG97, SR02, TYP+15, YL16]. **verifying** [LK13]. **version**

[AKS96, LTWW94, SKT96]. **versions** [AT03, Kum98]. **versus** [AD96, CFPP96, GKS05, LNB00, LSM+14, MS15, RrBG94, SR14, XG05, YGC10]. **vertex** [MFB99]. **vertex-redundant** [MFB99]. **vertical** [JSuRKH03]. **very** [LNM+09, LS10, VSR11]. **via** [BGHS10, BCR+12, BZM08, CAP15, CDFG06, DRJ+14, FM06, GLLJ16, KK06b, LK16b, MG16, MHRR12, Nee16a, PV04, RKT02a, SPB16, Su15, SV06, SN15, THRW12, TRKN10, XWG14, YS93, YKGF08, YC12, ZG14, ZL15]. **viable** [SNC+07]. **Video** [AD14, JSZ14, KCM16, KS13, TL16, XYLL14, YZBR14, ZWDS00, Ada98, ABA+16, BM97, CKR+09, CT01, CR99, CPS+12, DM14, DYX12, DRR98, FHSZ13, FNQ00, GH93, GMY13, HL96a, HL96b, HH10b, JBR16, KMR95, KL07, KMHS09, LMR99, LCY96, LY94, LZZR12, LZL11, LyT98, Liu10, LNR94, MCS99, OWKS16, PSK+15, PD16, RB95, RT99, RCFC15, SZKT98, SRS03, SHN16, SSD93, TM13, TAG08, TCS04, VC12, VAS00, WXR13, WKZL96, WLR10, VC14]. **Video-aware** [AD14]. **video-conferencing** [LZL11]. **video-on-demand** [TM13]. **video-QoE** [VC12, VC14]. **videoconferences** [Hey97]. **Videoconferencing** [TH96, BO00]. **viewer** [KS13]. **viewing** [SHN16]. **views** [SAS16a]. **ViNEYard** [CRB12]. **violations** [ZF96]. **viral** [DZNT14]. **Virtual** [AL98, BFG+14, CL16a, FMMLH06, GM03, LOP97, LWLL16, LLNC09, MK96, TYLH09, ZG14, AS09, APSKPMGM12, CFZ94, CRB12, CK00, DJ14, DGG+02, EDM16, GW94, GCZ96, HLHD+04, HL15, HK96, IPG97, JK15, KH07, KRSY02, KS04, LBS05a, LTB04, LMG04, Med95, OMA+10, OSZ+06, SBNRS14, SCY98, SKHL12, SZL+14, VS97, VL99, WKA+13, WRS+15, WM95, XL95]. **Virtual-coordinate-based** [TYLH09]. **Virtual-topology** [GM03]. **VirtualClock** [FP95]. **virtualization** [CL15, FK13, FSH+13]. **virtualizing** [KMZR12]. **Virus** [VOK09]. **visibility** [LBP+16]. **visual** [TZZ+14]. **Vitalizing** [Ma16]. **VoD** [AAG+16, ZFC13, ZFC15]. **voice** [LZ06, MTK03]. **VoIP** [CCY+14, HLSG04, SZ08]. **volume** [HLZ+14]. **voting** [WKWV16]. **voting-based** [WKWV16]. **VP** [SD00]. **VPN** [BGHS10]. **VPNs** [CL08, CL09b, RRK07]. **Vu** [SPGM13]. **vulnerability** [DXT+12, DT15, MYYR13, NZCM11, SNXT13].

wait [LZ09, QY12]. **Waiting** [ZVN99]. **wake** [CK09, ODC+16]. **wake-up** [CK09, ODC+16]. **wakeup** [PZS+16]. **walk** [FML09, HLS14a, LHK+12, RSH+11]. **walks** [LKC+13, LZ13]. **WAN** [DCGN03, WRS+15]. **war** [KAS16]. **warning** [FGM+13]. **wasted** [BB96]. **watermarking** [HKB14]. **wave** [AWFT15, DMK05]. **wave-mixing** [DMK05]. **Waveband** [CAQ07]. **Wavebanding** [TS14]. **waveguide** [NPQ06]. **Wavelength** [BM00, PG95, Pan99, WQC06, AM16, And04, AZ09, BPPP12, CV12, CM05b, CMV10, CL05, FT06, GSKR99, GLG04, GT00, KA98, KS01b, LSV01, LS99, LS01, LHM02, MBLN93, MA98, NPQ06, NPY07, OB03, QY04, RM02, RS95a, RS98, RZVZ06, SMG05a, SMG06, SYR05, SKCW10, SAS96, SAS99, XL99, ZOM03, ZA95, ZQ00, ZZZ+07, ZY07b, ZKL11, ZRP00]. **wavelength-convertible** [ZZZ+07]. **Wavelength-routed** [BM00, AM16, CV12, KS01b, RM02, SYR05, SAS99]. **wavelength-routing** [MBLN93, ZRP00]. **wavelength-selective** [GT00]. **wavelengths** [RIM98, SML04]. **wavelet** [KKS+08, MJ01]. **wavelet-based** [KKS+08]. **way** [BIS00, GCS06b, KVR98]. **WDM** [SK11, AEG+13, AA99, ATB+10, And04,

BSH+11, BBMELH08, CV12, CM05b, CRD08, CEFS99, CMV10, CLG00b, DS99, DSTM12, EM09, FMMLH06, FCT03, GM03, GRS00, HD07, HLHD+04, IBM95, JM00, JF04, KA98, KT11, KL09, LS03a, LML11, LLM14, LS01, LS06c, LXC05, LTP10, LLY09, MJ13, Mod99, MMS01, MBRM96, NPQ06, PM96, PS94, QY04, RA95, RS97b, SMG05a, SMG06, SK10a, SK12a, SSM06, SM05, TMP07, TCPV13, TMH97, TS14, VWT+14, WQC06, XTMM11, Xin07, XGF+14, ZOM03, ZA95, ZQ99, ZZZ+07, ZY07b, ZA11, ZZZM03]. **WDM-based** [LML11]. **WDM/TDM** [ZA11]. **Weak** [AKA10]. **weakens** [QTWW16]. **weaving** [MLT12]. **web** [PP02, AW97, BMM+09, BMS14b, CDI+04, CJOS01, CB97, FCAB00, FRC98, LAJS07, MPFK02, RW04, RSB01, TRKN10, ZAFB00]. **web-cache** [PP02]. **Web-conscious** [MPFK02]. **websites** [XY09b]. **Weight** [MMT14, BGH+95, FJL+97, JMMT12, LJA14, MS15, NJW16, NBTD07, PPV04, WBEGS05]. **Weighted** [Far95, FHT+10, McA94, AS08, JLRS16, LWL+11, SPB16, ZJ12]. **weights** [CL09b]. **welfare** [AAG14, LWLL16]. **Wheel** [CDRV11]. **wheels** [Kar10, VL97]. **Which** [RCS14]. **while** [AWKN16, CK09, KCB03]. **Whispers** [WXW15]. **white** [Bar95, SP94]. **whitespaces** [MGCK15]. **Wi** [HLS+14b, JYC+16]. **Wi-Fi** [HLS+14b, JYC+16]. **Wide** [BFG+14, CB97, PF95, TRKN10, Wan04, BSF16, CVM+15, DSA+14, DEF+96, FCAB00, FR07, GCS06b, HL05, HK96, Jia98, KKM+97, LLW+09, LL13, LM01, Med95, MBRM96, Pax94, RVS+02, STM+12, THRW12, Tas96, ZWDS00]. **Wide-Area** [BFG+14, DEF+96, FCAB00, HK96, KKM+97, LM01, Med95, MBRM96, Pax94, RVS+02, ZWDS00]. **Wide-band** [Wan04]. **widest** [SG05]. **WiFi** [ACVS10, LLY+13, MW06, ZSK12]. **wild** [ZXH+13, ZZW+15]. **WiMax** [EF08]. **window** [BLPS10, GBC+95, JGMB03, KVR02, MW00, SL05, Spi97, TAJ+10, YWK07]. **window-based** [JGMB03, MW00, SL05]. **windowing** [SG96]. **wired** [Bej04, BV05b]. **wired-wireless** [BV05b]. **Wireless** [APSG14, CMP16, LLE16, LLL+16, Nee16b, NSP+16, RCW15, RRS+14, URZ+14, WN16, ZJS+12, ZFW14, AIN+15, AS14, AK00, AJV06, AK09, AA04, AA05, ALJ99, AJDH01, AW04, AGLM10, AGL16, AK15, AS07a, AS07b, AVPG14, ACCF12, AZ06a, AZ11, AT03, AKS+13, AWFT15, AAV09, AST11, BCP13, BBG11, BD07, BPSK97, BCP00, BCGC15, BTC05, Bej04, BHL07, BNJR12, BNJ16, BV05b, BRS10, BS09, BNS11, BSYS12, BE06, Bor05, BMS14a, BCC07, BLB10, BZM08, BESW08, CKS16, CLP12, ÇY07, CHML15, CFM13, CCV03, CT04a, CHL16, CLM99, CCL11, CT04b, CLC12, CYK09, CZC+13, CLSC15, CH11, CS00, CJJ09, CJZS14, CSN06, CHH06, CK07, CGK10, CG15a, CG15b, DPBT11, DYH13, DJ14, DYX12, DV09, DLL+11, DFT06, EMPS06, EL11, ESP05, ES07, EOSM10, EML12, Fan05, FTZ+13, FML09]. **wireless** [FK13, FSM14, GHR14, GMP13, GDC+16, GSK08, GMZR13, GS13, GHW14, GT10, GT02, GMY13, GMS16, GAA08, GLS09, GS10b, GS11, GMSK09, HIM07, HLL13, HSM+13, HKV+13, HSS08, HG14, Hou14, Hou15, HSPH09, HY08, HLW13, HK11, IKDD15, IW08, IGE+03, IK09, JR14, JMS07, JCJ95, JJS13a, JC13, JJS13b, JGLS14, JGS+15, JW10, JL12a, JP13, JS09, JLS09, JS14, JBR16, KL12, KWJY16, KWCR10, KK07, KIR08, KE16, KRH+08, KDHK15, KEW06, KSA12, KK00, KS09a, KD10, KLSS10, KWS+11, KS11, KDYV12, KBV+13, KG10, KN05, KMZR12, KES13, KMHS09, KWE+10, KG05, KHW12, KT06, KT07, KIR06, KS12, KS09b, KV09, LTS10, LBB08, LDFK12, LSLL14, LK16a, LMS12,

LNS11, LMS05a, LKC11, LGC16, LMP08, LAN97, LSC99b, LHB+05, LH05, LZF09, Li09, LY10, LLLT10, LBX11, LPF12, LE12a, LZZR12]. **wireless** [LG13a, LZ13, LLE15a, LLE15b, LHZ+16, LLNC09, LJA14, LS06d, LSS07, LR09, LLS10, LÜ14, LLL10, LCZC13, LEY14, LHC+16, LBS99, LRG10, LH10, MVRZ09, MCLG07, MBL10, MHS95, MSS+12, MWQ+10, MQ05, MPF+15, MWC16, MRD08, MHXT10, MAS09, Nee08, Nee09, NSW11, NTS12, NSCR06, ODC+16, OY13, OÇ10, PSK+15, PT96, PNRMC13, PLS07, PHL15, PA12, PD07, PPSV13, PRR06, PPV12, PCL15, QCS07, QSS+15, RGG11, RCGS09, RLKT98, RVS+02, RJJ+11, RSS09, RD11a, RD11b, RSR10, RWA+08, RKNS10, SLP07, SPH04, SGR13, SZ08, SEK15, SYDM09, SRR08, SM14, SM16, SZG+13, SRB10, SLS10, ST09, SKRK12, SA01a, SH12, SSWK13, SS09, SS10, SL12, SK10b, SLH+06, SSAK12, SMSM06, SH07, SV11, SKUB12, SPB16, SX10, SA05, STL04, SN15, TXL+12, TCS13, Tan16, TX08, TS08, TYLH09, UBPE02]. **wireless** [VJV14, VAGT13, VL10, VCM04, VA06, VA07, VA09, WCY04, WY06, Wan04, WSC08, WLL+11, WB11, WA11, WVG12, WKA+13, WHM+13, WLWL13, WDCL15, WLL01, WK13, WWL02, WWT05, WHTC15, XY10b, XSC01, XSC03, XAST12, XXBC14, XHN04, XK06a, XSHS12, XSH+15, XWWC16, XC08, XW11, XL11a, XE13, YWK07, YLL10, YJ15, YCV15, YASS15, YHE04, YAA09, YS07, YGC10, YSRL11, YG10, YBX+10, YBX+12, YC12, ZKH10, ZAS12, ZH08a, ZH08b, ZSFZ11, ZBXH13, ZCJ+13, ZG14, ZCW15, ZT03, ZG08, ZR09, ZXH+13, ZW14, ZL16, ZWTC16, ZW10, ZZHZ13, vRWZ09]. **wireless-optical** [SYDM09]. **wireline** [BMS14a]. **within** [DM95]. **without** [GR01, JJS13b, JR96, KBS12, KHW12, LS97a, LEY14, MGK14, MMH+15, SS93, Sha97, VB94, WM16, WYH10]. **WLAN** [ALMR14, BPK+10, RP13, ZS13]. **WLAN/WPAN** [RP13]. **WLANs** [APB+13, BCL+09, BOGS+16, BJY11, GSRS+15, KAMG07, LNM+09, LWC+14, RKZG10, RKA08]. **WOBAN** [SYDM09]. **work** [GK16, She95, TG96]. **work-conserving** [GK16, TG96]. **Workload** [MCS99, AW97, LD95, VAM+06]. **workloads** [CG04, KG16]. **world** [GQ16, CB97, TRKN10]. **Wormhole** [KMS+01]. **wormholes** [DLL+11]. **Worms** [ZGTG05, MCR10, VG08, WLC+10]. **Worst** [BGVC00, GSKR99, Lee96, BS15, Val01]. **Worst-case** [BGVC00, GSKR99, Lee96, BS15, Val01]. **WPAN** [ZS13]. **WSNs** [HLX+15, WJYL16]. **WWW** [NBK02].

X.500 [Bar95]. **XCP** [ALW09]. **XOR** [AGGT16]. **XOR-based** [AGGT16]. **XORs** [KRH+08]. **Xunet** [KKM+97].

years [DD11, GCM+16].

Z [RWA+08]. **Z-MAC** [RWA+08]. **zero** [PZS+16, WLC+10, XAST12]. **zero-day** [WLC+10]. **zero-time** [PZS+16]. **zone** [HP01, SPH04]. **zones** [TRKN12].

References

Abu-Amara:1993:FTM

[AA93] Hosame Abu-Amara. A fast topology maintenance algorithm for high-bandwidth networks. *IEEE/ACM Transactions on Networking*, 1(3):386–394, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/

1993-1-3/p386-abu-amara/.

Agarwal:1996:UAF

[AA96] Anjali Agarwal and J. William Atwood. A unified approach to fault-tolerance in communication protocols based on recovery procedures. *IEEE/ACM Transactions on Networking*, 4(5):785–795, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p785-agarwal/.

Alanyali:1999:PAW

[AA99] Murat Alanyali and Ender Ayanoglu. Provisioning algorithms for WDM optical networks. *IEEE/ACM Transactions on Networking*, 7(5):767–778, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p767-alanyali/.

Akan:2004:AAR

[AA04] Özgür B. Akan and Ian F. Akyildiz. ARC: the analytical rate control scheme for real-time traffic in wireless networks. *IEEE/ACM Transactions on Networking*, 12(4):634–644, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akan:2005:ESR

[AA05] Özgür B. Akan and Ian F. Akyildiz. Event-to-sink reliable transport in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 13(5):1003–1016, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altman:2005:SMT

[AAB05] Eitan Altman, Konstantin Avrachenkov, and Chadi Barakat. A stochastic model of TCP/IP with stationary random losses. *IEEE/ACM Transactions on Networking*, 13(2):356–369, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altman:2013:COC

[AABD13] Eitan Altman, Amar Prakash Azad, Tamer Basar, and Francesco De Pellegrini. Combined optimal control of activation and transmission in delay-tolerant networks. *IEEE/ACM Transactions on Networking*, 21 (2):482–494, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abu-Amara:1996:STM

[AACD+96] Hosame Abu-Amara, Brian A. Coan, Shlomi Dolev, Arkady Kanevsky, and Jennifer L. Welch. Self-stabilizing topology maintenance protocols for high-speed networks. *IEEE/ACM Transactions on Networking*, 4(6):902–912, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p902-abu-amara/.

Amir:2005:CBF

[AADS05] Yair Amir, Baruch Awerbuch, Claudiu Danilov, and Jonathan Stanton. A cost-benefit flow control for reliable multicast and unicast in overlay networks. *IEEE/ACM Transactions on Networking*, 13(5):1094–1106, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Al-Ayyoub:2014:TSA

[AAG14] Mahmoud Al-Ayyoub and Himanshu Gupta. Truthful spectrum auctions with approximate social-welfare or revenue. *IEEE/ACM Transactions on Networking*, 22(6):1873–1885, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Applegate:2016:OCP

[AAG+16] David Applegate, Aaron Archer, Vijay Gopalakrishnan, Seungjoon Lee, and K. K. Ramakrishnan. Optimal content placement for a large-scale VoD system. *IEEE/ACM Transactions on Networking*, 24(4):2114–2127, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:2005:RCS

[AAM05] Ian F. Akyildiz, Özgür B. Akan, and Giacomo Morabito. A rate control scheme for adaptive real-time applications in IP networks with lossy links and long round trip times. *IEEE/ACM Transactions on Networking*, 13(3):554–567, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

AlDaoud:2010:PSS

[AAS10] Ashraf Al Daoud, Murat Alanyali, and David Starobinski. Pricing strategies for spectrum lease in secondary markets. *IEEE/ACM Transactions on Networking*, 18(2):462–475, April 2010. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Antikainen:2014:DSA

[AAS14] Markku Antikainen, Tuomas Aura, and Mikko Särelä. Denial-of-service attacks in Bloom-filter-based forwarding. *IEEE/ACM Transactions on Networking*, 22(5):1463–1476, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Avallone:2009:CRA

[AAV09] Stefano Avallone, Ian F. Akyildiz, and Giorgio Ventre. A channel and rate assignment algorithm and a layer-2.5 forwarding paradigm for multi-radio wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17(1):267–280, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrews:2012:RPM

[AAZZ12] Matthew Andrews, Antonio Fernández Anta, Lisa Zhang, and Wenbo Zhao. Routing for power minimization in the speed scaling model. *IEEE/ACM Transactions on Networking*, 20(1):285–294, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alpcan:2005:GSA

[AB05] Tansu Alpcan and Tamer Basar. A globally stable adaptive congestion control scheme for Internet-style networks with delay. *IEEE/ACM Transactions on Networking*, 13(6):1261–1274, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alicherry:2007:SPP

[AB07] Mansoor Alicherry and Randeep Bhatia. Simple pre-provisioning scheme to enable fast restoration. *IEEE/ACM Transactions on Networking*, 15(2):400–412, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahmed:2009:PSP

[AB09] Reaz Ahmed and Raouf Boutaba. Plexus: a scalable peer-to-peer protocol enabling efficient subset search. *IEEE/ACM Transactions on Networking*, 17(1):130–143, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Anand:2016:EVA

[ABA+16] Ashok Anand, Athula Balachandran, Aditya Akella,

Vyas Sekar, and Srinivasan Seshan. Enhancing video accessibility and availability using information-bound references. *IEEE/ACM Transactions on Networking*, 24(2):1223–1236, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Afek:2001:RC

[ABBHP01] Yehuda Afek, Anat Bremler-Barr, and Sariel Har-Peled. Routing with a clue. *IEEE/ACM Transactions on Networking*, 9(6):693–705, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Athanasopoulou:2013:BPB

[ABJ+13] Eleftheria Athanasopoulou, Loc X. Bui, Tianxiong Ji, R. Srikant, and Alexander Stolyar. Back-pressure-based packet-by-packet adaptive routing in communication networks. *IEEE/ACM Transactions on Networking*, 21(1):244–257, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Antonakopoulos:2015:FPM

[ABK15] Spyridon Antonakopoulos, Yigal Bejerano, and Pramod Koppol. Full protection made easy: the DisPath IP fast reroute scheme. *IEEE/ACM Transactions on Networking*, 23(4):1229–1242, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Atya:2016:PAE

[ABS+16] Ahmed Osama Fathy Atya, Ioannis Broustis, Shailendra Singh, Dimitris Syrivelis, Srikanth V. Krishnamurthy, and Thomas F. La Porta. A policy-aware enforcement logic for appropriately invoking network coding. *IEEE/ACM Transactions on Networking*, 24(4):2005–2018, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aharoni:1998:RDS

[AC98] Ehud Aharoni and Reuven Cohen. Restricted dynamic Steiner trees for scalable multicast in datagram networks. *IEEE/ACM Transactions on Networking*, 6(3):286–297, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p286-aharoni/`.

Applegate:2006:MRR

[AC06] David Applegate and Edith Cohen. Making routing robust to changing traffic demands: algorithms and evaluation. *IEEE/ACM Transactions on Networking*, 14(6):1193–1206, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Argyraki:2009:SNL

[AC09] Katerina Argyraki and David R. Cheriton. Scalable network-layer defense against Internet bandwidth-flooding attacks. *IEEE/ACM Transactions on Networking*, 17(4):1284–1297, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abdolee:2016:DLS

[AC16] Reza Abdolee and Benoit Champagne. Diffusion LMS strategies in sensor networks with noisy input data. *IEEE/ACM Transactions on Networking*, 24 (1):3–14, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Amer:1994:PTS

[ACC+94] Paul D. Amer, Christophe Chassot, Thomas J. Connolly, Michel Diaz, and Phillip Conrad. Partial-order transport service for multimedia and other applications. *IEEE/ACM Transactions on Networking*, 2(5):440–456, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p440-amer/`.

Addis:2014:EMT

[ACC+14] Bernardetta Addis, Antonio Capone, Giuliana Carello, Luca G. Gianoli, and Brunilde Sanso. Energy management through optimized routing and device powering for greener communication networks. *IEEE/ACM Transactions on Networking*, 22(1):313–325, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Amaldi:2012:DWS

[ACCF12] Edoardo Amaldi, Antonio Capone, Matteo Cesana, and Ilario Filippini. Design of wireless sensor networks for mobile target detection. *IEEE/ACM Transactions on Networking*, 20(3): 784–797, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Anshelevich:2014:CAG

[ACKZ14] Elliot Anshelevich, Bugra Caskurlu, Koushik Kar, and Hang Zhang. Capacity allocation games for network-coded multicast streaming. *IEEE/ACM Transactions on Networking*, 22(2):595–607, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Agrawal:1999:PBF

[ACOR99] Rajeev Agrawal, Rene L. Cruz, Clayton Okino, and Rajendran Rajan. Performance bonds for flow control protocols. *IEEE/ACM Transactions on Networking*, 7(3):310–323, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p310-agrawal/`.

Ascia:2005:EMS

[ACP05] Giuseppe Ascia, Vincenzo Catania, and Daniela Panno. An evolutionary management scheme in high-performance packet switches. *IEEE/ACM Transactions on Networking*, 13(2):262–275, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aezladen:2012:ELB

[ACR12] Mhameed Aezladen, Reuven Cohen, and Danny Raz. Efficient location-based decision-supporting content distribution to mobile groups. *IEEE/ACM Transactions on Networking*, 20(5):1514–1526, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Afanasyev:2010:UPU

[ACVS10] Mikhail Afanasyev, Tsuwei Chen, Geoffrey M. Voelker, and Alex C. Snoeren. Usage patterns in an urban WiFi network. *IEEE/ACM Transactions on Networking*, 18(5):1359–1372, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahn:1996:PNS

[AD96] Jong Suk Ahn and Peter B. Danzig. Packet network simulation: speedup and accuracy versus timing granularity. *IEEE/ACM Transactions on Networking*, 4(5):743–757, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p743-ahn/`.

Altman:2011:FCF

[AD11] Eitan Altman and Francesco De Pellegrini. Forward correction and fountain codes in delay-tolerant networks. *IEEE/ACM Transactions on Networking*, 19(1):1–13, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahlehagh:2014:VAS

[AD14] Hasti Ahlehagh and Sujit Dey. Video-aware scheduling and caching in the radio access network. *IEEE/ACM Transactions on Networking*, 22(5):1444–1462, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Adas:1998:UAL

[Ada98] Abdelnaser Mohammad Adas. Using adaptive linear prediction to support real-time VBR video under RCBR network service model. *IEEE/ACM Transactions on Networking*, 6(5):635–644, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p635-adas/`.

Arifler:2007:FAA

[AdE07] Dogu Arifler, Gustavo de Veciana, and Brian L. Evans. A factor analytic approach to inferring congestion sharing based on flow level measurements. *IEEE/ACM Transactions on Networking*, 15(1):67–79, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:2002:MNR

[AEB02] Ian F. Akyildiz, Eylem Ekici, and Michael D. Bender. MLSR: a novel routing algorithm for multilayered satellite IP networks. *IEEE/ACM Transactions on Networking*, 10(3):411–424, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Agarwal:2013:RWN

[AEG+13] Pankaj K. Agarwal, Alon Efrat, Shashidhara K. Ganjugunte, David Hay, Swaminathan Sankararaman, and Gil Zussman. The resilience of WDM networks to probabilistic geographical failures. *IEEE/ACM Transactions on Networking*, 21(5):1525–1538, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ayesta:2013:SRE

[AEJV13] Urtzi Ayesta, Martin Erausquin, Matthieu Jonckheere, and Ina Maria Verloop. Scheduling in a random environment: stability and asymptotic optimality. *IEEE/ACM Transactions on Networking*, 21(1): 258–271, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aksoy:1999:SAL

[AF99] Demet Aksoy and Michael Franklin. $R \times W$: a scheduling approach for large-scale on-demand data broadcast. *IEEE/ACM Transactions on Networking*, 7(6):846–860, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p846-aksoy/`.

Augustin:2011:MMR

[AFT11] Brice Augustin, Timur Friedman, and Renata Teixeira. Measuring multipath routing in the Internet. *IEEE/ACM Transactions on Networking*, 19 (3):830–840, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Afrasiabi:2016:EUP

[AG16] Mohammad Hadi Afrasiabi and Roch Guérin. Exploring user-provided connectivity. *IEEE/ACM Transactions on Networking*, 24(1):542–554, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Athanasiadou:2016:SXB

[AGGT16] Sophia Athanasiadou, Marios Gatzianas, Leonidas Georgiadis, and Leandros Tassiulas. Stable XOR-based policies for the broadcast erasure channel with feedback. *IEEE/ACM Transactions on Networking*, 24(1):476–491, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Auerbach:2003:MGM

[AGKK03] Joshua Auerbach, Madan Gopal, Marc Kaplan, and Shay Kutten. Multicast group membership management. *IEEE/ACM Transactions on Networking*, 11(1):166–175, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alfano:2016:CCW

[AGL16] Giusi Alfano, Michele Garetto, and Emilio Leonardi.

Content-centric wireless networks with limited buffers: when mobility hurts. *IEEE/ACM Transactions on Networking*, 24(1):299–311, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alfano:2010:CSW

[AGLM10] Giusi Alfano, Michele Garetto, Emilio Leonardi, and Valentina Martina. Capacity scaling of wireless networks with inhomogeneous node density: lower bounds. *IEEE/ACM Transactions on Networking*, 18(5):1624–1636, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aad:2008:IDS

[AHK08] Imad Aad, Jean-Pierre Hubaux, and Edward W. Knightly. Impact of denial of service attacks on ad hoc networks. *IEEE/ACM Transactions on Networking*, 16(4):791–802, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:1996:MLU

[AHL96] Ian F. Akyildiz, Joseph S. M. Ho, and Yi-Bing Lin. Movement-based location update and selective paging for PCS networks. *IEEE/ACM Transactions on Networking*, 4(4):629–638, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p629-akyildiz/`.

Abadal:2015:AES

[AIN+15] Sergi Abadal, Mario Iannazzo, Mario Nemirovsky, Albert Cabellos-Aparicio, Heekwan Lee, and Eduard Alarcón. On the area and energy scalability of wireless network-on-chip: a model-based benchmarked design space exploration. *IEEE/ACM Transactions on Networking*, 23(5):1501–1513, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Awduche:2006:DAC

[AJ06] Daniel O. Awduche and Bijan Jabbari. Demand assigned capacity management (DACM) in IP over optical (IPO) networks. *IEEE/ACM Transactions on Networking*, 14(4):900–913, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:2001:AFS

[AJDH01] Ian F. Akyildiz, Inwhee Joe, Henry Driver, and

Yung-Lung Ho. An adaptive FEC scheme for data traffic in wireless ATM networks. *IEEE/ACM Transactions on Networking*, 9 (4):419–426, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aperjis:2011:BME

[AJF11] Christina Aperjis, Ramesh Johari, and Michael J. Freedman. Bilateral and multilateral exchanges for peer-assisted content distribution. *IEEE/ACM Transactions on Networking*, 19(5):1290–1303, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahmad:2006:OBC

[AJV06] Sahand Haji Ali Ahmad, Aleksandar Jovičić, and Pramod Viswanath. On outer bounds to the capacity region of wireless networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2770–2776, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altman:1996:BPM

[AK96] Eitan Altman and Daniel Kofman. Bounds for performance measures of token rings. *IEEE/ACM Transactions on Networking*, 4(2):292–299, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p292-altman/`.

Acampora:2000:NAM

[AK00] Anthony S. Acampora and Srikanth V. Krishnamurthy. A new adaptive MAC layer protocol for broadband packet wireless networks in harsh fading and interference environments. *IEEE/ACM Transactions on Networking*, 8 (3):328–336, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p328-acampora/`.

Abraham:2001:NAA

[AK01] Santosh Paul Abraham and Anurag Kumar. A new approach for asynchronous distributed rate control of elastic sessions in integrated packet networks. *IEEE/ACM Transactions on Networking*, 9 (1):15–30, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p15-abraham/p15-abraham.pdf`; `http://www.acm.`

org/pubs/citations/journals/ ton/2001-9-1/p15-abraham/ .

Ahn:2009:SLD

[AK09] Joon Ahn and Bhaskar Krishnamachari. Scaling laws for data-centric storage and querying in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 17(4):1242–1255, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Almasaeid:2014:EMD

[AK14] Hisham M. Almasaeid and Ahmed E. Kamal. Exploiting multichannel diversity for cooperative multicast in cognitive radio mesh networks. *IEEE/ACM Transactions on Networking*, 22 (3):770–783, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Almasaeid:2015:RBC

[AK15] Hisham M. Almasaeid and Ahmed E. Kamal. Receiver-based channel allocation in cognitive radio wireless mesh networks. *IEEE/ACM Transactions on Networking*, 23(4):1286–1299, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Acer:2010:WSR

[AKA10] Utku Günay Acer, Shivkumar Kalyanaraman, and Alhussein A. Abouzeid. Weak state routing for large-scale dynamic networks. *IEEE/ACM Transactions on Networking*, 18(5):1450–1463, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Al-Kofahi:2013:SRS

[AKK13] Osameh M. Al-Kofahi and Ahmed E. Kamal. Scalable redundancy for sensors-to-sink communication. *IEEE/ACM Transactions on Networking*, 21(6): 1774–1784, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahuja:1996:DIP

[AKS96] R. Ahuja, S. Keshav, and H. Saran. Design, implementation, and performance measurement of a native-mode ATM transport layer (extended version). *IEEE/ACM Transactions on Networking*, 4(4):502–515, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p502-ahuja/.

Aryafar:2013:AAB

[AKS+13] Ehsan Aryafar, Mohammad Ali Khojastepour, Karthik Sundaresan, Sampath Rangarajan, and Edward Knightly. ADAM: an adaptive beamforming system for multicasting in wireless LANs. *IEEE/ACM Transactions on Networking*, 21(5):1595–1608, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altman:2012:SSG

[AKSS12] Eitan Altman, Anurag Kumar, Chandramani Singh, and Rajesh Sundaresan. Spatial SINR games of base station placement and mobile association. *IEEE/ACM Transactions on Networking*, 20(6):1856–1869, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Anerousis:1998:VPC

[AL98] Nikolaos Anerousis and Aurel A. Lazar. Virtual path control for ATM networks with call level quality of service guarantees. *IEEE/ACM Transactions on Networking*, 6(2):222–236, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p222-anerousis/`.

Ali:2006:GSS

[Ali06] Maher Ali. Generalized sharing in survivable optical networks. *IEEE/ACM Transactions on Networking*, 14(6):1388–1399, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:1999:SCP

[ALJ99] Ian F. Akyildiz, David A. Levine, and Inwhee Joe. A slotted CDMA protocol with BER scheduling for wireless multimedia networks. *IEEE/ACM Transactions on Networking*, 7(2):146–158, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p146-akyildiz/`.

Aurzada:2014:FAN

[ALMR14] Frank Aurzada, Martin Lévesque, Martin Maier, and Martin Reisslein. FiWi access networks based on next-generation PON and gigabit-class WLAN technologies: a capacity and delay analysis. *IEEE/ACM Transactions on Networking*, 22(4):1176–1189, August 2014. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrew:2009:UXE

[ALW09] Lachlan L. H. Andrew, Steven H. Low, and Bartek P. Wydrowski. Understanding XCP: equilibrium and fairness. *IEEE/ACM Transactions on Networking*, 17(6):1697–1710, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alderson:2005:UIT

[ALWD05] David Alderson, Lun Li, Walter Willinger, and John C. Doyle. Understanding Internet topology: principles, models, and validation. *IEEE/ACM Transactions on Networking*, 13(6):1205–1218, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Agrawal:2016:EIU

[AM16] Gaurav Agrawal and Deep Medhi. Embedding IP unique shortest path topology on a wavelength-routed network: normal and survivable design. *IEEE/ACM Transactions on Networking*, 24(2):1109–1124, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abel:2007:DIN

[AMI+07] François Abel, Cyriel Minkenberg, Ilias Iliadis, Ton Engbersen, Mitchell Gusat, Ferdinand Gramsamer, and Ronald P. Luijten. Design issues in next-generation merchant switch fabrics. *IEEE/ACM Transactions on Networking*, 15 (6):1603–1615, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Al-Mouhamed:1999:EPD

[AMKY99] Mayez A. Al-Mouhamed, Mohammed Kaleemuddin, and Habib Yousef. Evaluation of pipelined dilated banyan switch architectures for ATM networks. *IEEE/ACM Transactions on Networking*, 7(5):724–740, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p724-al-mouhamed/`.

Ammar:2002:E

[Amm02] Mostafa H. Ammar. Editorial. *IEEE/ACM Transactions on Networking*, 10(1): 1, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ammar:2003:E

[Amm03] Mostafa Ammar. Editorial. *IEEE/ACM Transactions on Networking*, 11(1): 1, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akyildiz:2001:TPN

[AMP01] Ian F. Akyildiz, Giacomo Morabito, and Sergio Palazzo. TCP-Peach: a new congestion control scheme for satellite IP networks. *IEEE/ACM Transactions on Networking*, 9 (3):307–321, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akella:2008:CPB

[AMS+08] Aditya Akella, Bruce Maggs, Srinivasan Seshan, Anees Shaikh, and Ramesh K. Sitaraman. Corrections to 'On the performance benefits of multihoming route control'. *IEEE/ACM Transactions on Networking*, 16(2):496, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [AMSS08].

Akella:2008:PBM

[AMSS08] Aditya Akella, Bruce Maggs, Srinivasan Seshan, and Anees Shaikh. On the performance benefits of multihoming route control. *IEEE/ACM Transactions on Networking*, 16(1):91–104, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See corrections [AMS+08].

Akhbarizadeh:2005:HBI

[AN05] Mohammad J. Akhbarizadeh and Mehrdad Nourani. Hardware-based IP routing using partitioned lookup table. *IEEE/ACM Transactions on Networking*, 13 (4):769–781, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrew:2004:FSW

[And04] Lachlan L. H. Andrew. Fast simulation of wavelength continuous WDM networks. *IEEE/ACM Transactions on Networking*, 12(4):759–765, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altman:2013:PIM

[ANSX13] Eitan Altman, Philippe Nain, Adam Shwartz, and Yuedong Xu. Predicting the impact of measures against P2P networks: transient behavior and phase transition. *IEEE/ACM Transactions on Networking*, 21(3):935–949, June 2013. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aweya:2004:DSA

[AOM04] James Aweya, Michel Ouellette, and Delfin Y. Montuno. Design and stability analysis of a rate control algorithm using the Routh–Hurwitz stability criterion. *IEEE/ACM Transactions on Networking*, 12(4):719–732, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abbott:1993:INT

[AP93a] Mark B. Abbott and Larry L. Peterson. Increasing network throughput by integrating protocol layers. *IEEE/ACM Transactions on Networking*, 1(5):600–610, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p600-abbott/`.

Abbott:1993:LAP

[AP93b] Mark B. Abbott and Larry L. Peterson. A language-based approach to protocol implementation. *IEEE/ACM Transactions on Networking*, 1(1): 4–19, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p4-abbott/`.

Arslan:2013:AAC

[APB+13] Mustafa Y. Arslan, Konstantinos Pelechrinis, Ioannis Broustis, Shailendra Singh, Srikanth V. Krishnamurthy, Sateesh Addepalli, and Konstantina Papagiannaki. ACORN: an auto-configuration framework for 802.11n WLANs. *IEEE/ACM Transactions on Networking*, 21(3):896–909, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Anderson:2014:ODS

[APSG14] Eric Anderson, Caleb Phillips, Douglas Sicker, and Dirk Grunwald. Optimization decomposition for scheduling and system configuration in wireless networks. *IEEE/ACM Transactions on Networking*, 22(1):271–284, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aparicio-Pardo:2012:NRV

[APSKPMGM12] Ramon Aparicio-Pardo, Nina Skorin-Kapov, Pablo Pavon-Marino, and Belen Garcia-Manrubia. (non-)reconfigurable virtual topol-

ogy design under multihour traffic in optical networks. *IEEE/ACM Transactions on Networking*, 20(5):1567–1580, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Al-Qudah:2016:ITD

[AQJRS16] Zakaria Al-Qudah, Eamon Johnson, Michael Rabinovich, and Oliver Spatscheck. Internet with transient destination-controlled addressing. *IEEE/ACM Transactions on Networking*, 24(2):731–744, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahuja:2009:SLF

[ARK09] Satyajeet S. Ahuja, Srinivasan Ramasubramanian, and Marwan M. Krunz. Single-link failure detection in all-optical networks using monitoring cycles and paths. *IEEE/ACM Transactions on Networking*, 17(4):1080–1093, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ahuja:2011:SFL

[ARK11] Satyajeet S. Ahuja, Srinivasan Ramasubramanian, and Marwan Krunz. SRLG failure localization in optical networks. *IEEE/ACM Transactions on Networking*, 19(4):989–999, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Avalle:2016:SAN

[ARS16] Matteo Avalle, Fulvio Risso, and Riccardo Sisto. Scalable algorithms for NFA multi-striding and NFA-based deep packet inspection on GPUs. *IEEE/ACM Transactions on Networking*, 24(3):1704–1717, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abdelaziz:1994:SOT

[AS94] Mohamed Abdelaziz and Ioannis Stavrakakis. Some optimal traffic regulation schemes for ATM networks: a Markov decision approach. *IEEE/ACM Transactions on Networking*, 2(5):508–519, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p508-abdelaziz/`.

Asawa:1996:OSH

[AS96] Manjari Asawa and Wayne E. Stark. Optimal scheduling of handoffs in cellular networks. *IEEE/*

ACM Transactions on Networking, 4(3):428–441, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p428-asawa/`.

Awerbuch:2001:TAD

[AS01] Baruch Awerbuch and Yuval Shavitt. Topology aggregation for directed graphs. *IEEE/ACM Transactions on Networking*, 9 (1):82–90, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p82-awerbuch/p82-awerbuch.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p82-awerbuch/`.

Antoniou:2002:EDC

[AS02] Zoe Antoniou and Ioannis Stavrakakis. An efficient deadline-credit-based transport scheme for prerecorded semisoft continuous media applications. *IEEE/ACM Transactions on Networking*, 10(5):630–643, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alparslan:2007:GRM

[AS07a] Denizhan N. Alparslan and Khosrow Sohraby. A generalized random mobility model for wireless ad hoc networks and its analysis: one-dimensional case. *IEEE/ACM Transactions on Networking*, 15(3):602–615, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alparslan:2007:TDM

[AS07b] Denizhan N. Alparslan and Khosrow Sohraby. Two-dimensional modeling and analysis of generalized random mobility models for wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 15(3):616–629, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Allalouf:2008:CDA

[AS08] Miriam Allalouf and Yuval Shavitt. Centralized and distributed algorithms for routing and weighted max-min fair bandwidth allocation. *IEEE/ACM Transactions on Networking*, 16(5): 1015–1024, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Agrawal:2009:HBN

[AS09] Banit Agrawal and Timothy Sherwood. High-bandwidth network mem-

ory system through virtual pipelines. *IEEE/ACM Transactions on Networking*, 17(4):1029–1041, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abedini:2014:CCS

[AS14] Navid Abedini and Srinivas Shakkottai. Content caching and scheduling in wireless networks with elastic and inelastic traffic. *IEEE/ACM Transactions on Networking*, 22(3):864–874, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ali:2008:SCA

[ASCG08] Zafar Ali, Waseem Sheikh, Edwin K. P. Chong, and Arif Ghafoor. A scalable call admission control algorithm. *IEEE/ACM Transactions on Networking*, 16 (2):424–434, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Arslan:2016:IIB

[ASKR16] Mustafa Y. Arslan, Karthikeyan Sundaresan, Srikanth V. Krishnamurthy, and Sampath Rangarajan. iBUS: an integrated beamformer and uplink scheduler for OFDMA small cells. *IEEE/ACM Transactions on Networking*, 24(2):901–914, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aryafar:2013:SCC

[ASSK13] Ehsan Aryafar, Theodoros Salonidis, Jingpu Shi, and Edward Knightly. Synchronized CSMA contention: model, implementation, and evaluation. *IEEE/ACM Transactions on Networking*, 21(5):1349–1362, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Aziz:2011:UTR

[AST11] Adel Aziz, David Starobinski, and Patrick Thiran. Understanding and tackling the root causes of instability in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 19(4):1178–1193, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Abdalla:2000:KMR

[ASW00] Michel Abdalla, Yuval Shavitt, and Avishai Wool. Key management for restricted multicast using broadcast encryption. *IEEE/ACM Transactions on Networking*, 8(4):443–454, 2000. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p443-abdalla/.

Anjum:2003:CSV

[AT03] Farooq Anjum and Leandros Tassiulas. Comparative study of various TCP versions over a wireless link with correlated losses. *IEEE/ACM Transactions on Networking*, 11(3):370–383, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrei:2010:PDD

[ATB+10] Dragos Andrei, Massimo Tornatore, Marwan Batayneh, Charles U. Martel, and Biswanath Mukherjee. Provisioning of deadline-driven requests with flexible transmission rates in WDM mesh networks. *IEEE/ACM Transactions on Networking*, 18(2):353–366, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Altieri:2014:ACS

[AVPG14] Andrés Altieri, Leonardo Rey Vega, Pablo Piantanida, and Cecilia G. Galarza. Analysis of a cooperative strategy for a large decentralized wireless network. *IEEE/ACM Transactions on Networking*, 22(4):1039–1051, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Albuquerque:2004:NBP

[AVS04] Célio Albuquerque, Brett J. Vickers, and Tatsuya Suda. Network border patrol: preventing congestion collapse and promoting fairness in the internet. *IEEE/ACM Transactions on Networking*, 12(1):173–186, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Arlitt:1997:IWS

[AW97] Martin F. Arlitt and Carey L. Williamson. Internet Web servers: workload characterization and performance implications. *IEEE/ACM Transactions on Networking*, 5(5):631–645, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p631-arlitt/.

Akyildiz:2004:PUM

[AW04] Ian F. Akyildiz and Wenye Wang. The predictive user mobility profile framework for wireless multimedia networks. *IEEE/ACM Transactions on Network-*

ing, 12(6):1021–1035, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Athanasiou:2015:OCA

[AWFT15] George Athanasiou, Pradeep Chaporkar, Ananth Narayanan, Ranga Weeraddana, Carlo Fischione, and Leandros Tassiulas. Optimizing client association for load balancing and fairness in millimeter-wave wireless networks. *IEEE/ACM Transactions on Networking*, 23(3):836–850, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Alresaini:2016:BDE

[AWKN16] Majed Alresaini, Kwame-Lante Wright, Bhaskar Krishnamachari, and Michael J. Neely. Backpressure delay enhancement for encounter-based mobile networks while sustaining throughput optimality. *IEEE/ACM Transactions on Networking*, 24(2):1196–1208, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Akhoondi:2014:LLL

[AYM14] Masoud Akhoondi, Curtis Yu, and Harsha V. Madhyastha. LASTor: a low-latency AS-aware Tor client. *IEEE/ACM Transactions on Networking*, 22 (6):1742–1755, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Arslan:2013:RMS

[ASS+13] Mustafa Y. Arslan, Jongwon Yoon, Karthikeyan Sundaresan, Srikanth V. Krishnamurthy, and Suman Banerjee. A resource management system for interference mitigation in enterprise OFDMA femtocells. *IEEE/ACM Transactions on Networking*, 21(5): 1447–1460, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrews:2003:ASN

[AZ03] Matthew Andrews and Lisa Zhang. Achieving stability in networks of input-queued switches. *IEEE/ACM Transactions on Networking*, 11(5):848–857, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrews:2006:SNW

[AZ06a] Matthew Andrews and Lisa Zhang. Scheduling over nonstationary wireless channels with finite rate sets. *IEEE/ACM Transactions on Networking*, 14(5): 1067–1077, October 2006. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Arora:2006:LLS

[AZ06b] Anish Arora and Hongwei Zhang. LSRP: local stabilization in shortest path routing. *IEEE/ACM Transactions on Networking*, 14(3):520–531, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrews:2009:CWA

[AZ09] Matthew Andrews and Lisa Zhang. Complexity of wavelength assignment in optical network optimization. *IEEE/ACM Transactions on Networking*, 17 (2):646–657, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andrews:2011:SAM

[AZ11] Matthew Andrews and Lisa Zhang. Scheduling algorithms for multicarrier wireless data systems. *IEEE/ACM Transactions on Networking*, 19(2):447–455, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Al-Zubaidy:2016:NLP

[AZLB16] Hussein Al-Zubaidy, Jörg Liebeherr, and Almut Burchard. Network-layer performance analysis of multihop fading channels. *IEEE/ACM Transactions on Networking*, 24(1):204–217, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Andersin:1997:SSA

[AZR97] Michael Andersin, Jens Zander, and Zvi Rosberg. Soft and safe admission control in cellular networks. *IEEE/ACM Transactions on Networking*, 5(2):255–265, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p255-andersin/`.

Bando:2012:SLR

[BAC12] Masanori Bando, N. Sertac Artan, and H. Jonathan Chao. Scalable lookahead regular expression detection system for deep packet inspection. *IEEE/ACM Transactions on Networking*, 20(3):699–714, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Berbecaru:2010:FSM

[BAL10] Diana Berbecaru, Luca Albertalli, and Antonio Lioy. The ForwardDiffsig scheme for multicast authentication. *IEEE/ACM Transactions on Networking*, 18(6):

1855–1868, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banerjea:1999:FRG

[Ban99] Anindo Banerjea. Fault recovery for guaranteed performance communications connections. *IEEE/ACM Transactions on Networking*, 7(5):653–668, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p653-banerjea/`.

Barker:1995:AUI

[Bar95] Paul Barker. An analysis of user input to an X.500 white pages directory service. *IEEE/ACM Transactions on Networking*, 3(2):112–125, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p112-barker/`.

Barcaccia:1994:PTO

[BB94] Piera Barcaccia and Maurizio A. Bonuccelli. Polynomial time optimal algorithms for time slot assignment of variable bandwidth systems. *IEEE/ACM Transactions on Networking*, 2(3):247–251, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p247-barcaccia/`.

Bertossi:1995:CAH

[BB95] Alan A. Bertossi and Maurizio A. Bonuccelli. Code assignment for hidden terminal interference avoidance in multihop packet radio networks. *IEEE/ACM Transactions on Networking*, 3(4):441–449, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p441-bertossi/`.

Birk:1996:EDI

[BB96] Yitzhak Birk and Noam Bloch. The effects of destructive interference and wasted transmissions on the uniform-traffic capacity of non-bus-oriented single-hop interconnections. *IEEE/ACM Transactions on Networking*, 4(3):442–448, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p442-birk/`.

Bejerano:2006:MFF

[BB06] Yigal Bejerano and Randeep S. Bhatia. MiFi: a framework for fairness and QoS assurance for current IEEE 802.11 networks with multiple access points. *IEEE/ACM Transactions on Networking*, 14(4):849–862, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bennett:2002:DJB

[BBC+02] Jon C. R. Bennett, Kent Benson, Anna Charny, William F. Courtney, and Jean-Yves Le Boudec. Delay jitter bounds and packet scale rate guarantee for expedited forwarding. *IEEE/ACM Transactions on Networking*, 10 (4):529–540, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bolla:2014:GNP

[BBCD14] Raffaele Bolla, Roberto Bruschi, Alessandro Carrega, and Franco Davoli. Green networking with packet processing engines: Modeling and optimization. *IEEE/ACM Transactions on Networking*, 22(1):110–123, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bannister:1995:PMD

[BBFG95] Joseph Bannister, Flaminio Borgonovo, Luigi Fratta, and Mario Gerla. A performance model of deflection routing in multibuffer networks with nonuniform traffic. *IEEE/ACM Transactions on Networking*, 3(5):509–520, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p509-bannister/`.

Beheshti:2010:OPB

[BBG+10] Neda Beheshti, Emily Burmeister, Yashar Ganjali, John E. Bowers, Daniel J. Blumenthal, and Nick McKeown. Optical packet buffers for backbone Internet routers. *IEEE/ACM Transactions on Networking*, 18(5):1599–1609, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Baccelli:2011:DDP

[BBG11] François Baccelli, Nicholas Bambos, and Nicolas Gast. Distributed delay-power control algorithms for bandwidth sharing in wireless networks. *IEEE/ACM Transactions on Networking*, 19(5):1458–1471, October 2011. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bremler-Barr:2010:PPE

[BBHHR10] Anat Bremler-Barr, David Hay, Danny Hendler, and Ron M. Roth. PEDS: a parallel error detection scheme for TCAM devices. *IEEE/ACM Transactions on Networking*, 18(5):1665–1675, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bremler-Barr:2014:CSP

[BBHK14] Anat Bremler-Barr, David Hay, and Yaron Koral. CompactDFA: Scalable pattern matching using longest prefix match solutions. *IEEE/ACM Transactions on Networking*, 22 (2):415–428, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bremler-Barr:2012:AMM

[BBK12] Anat Bremler-Barr and Yaron Koral. Accelerating multipattern matching on compressed HTTP traffic. *IEEE/ACM Transactions on Networking*, 20(3):970–983, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Borst:1995:USL

[BBL95] Sem C. Borst, Onno J. Boxma, and Hanoch Levy. The use of service limits for efficient operation of multistation single-medium communication systems. *IEEE/ACM Transactions on Networking*, 3(5):602–612, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p602-borst/`.

Barrenetxea:2006:CLN

[BBLV06a] Guillermo Barrenetxea, Baltasar Beferull-Lozano, and Martin Vetterli. Correction to 'Lattice networks: Capacity limits, optimal routing, and queueing behavior'. *IEEE/ACM Transactions on Networking*, 14(5):1150, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [BBLV06b].

Barrenetxea:2006:LNC

[BBLV06b] Guillermo Barrenetxea, Baltasar Berefull-Lozano, and Martin Vetterli. Lattice networks: capacity limits, optimal routing, and queueing behavior. *IEEE/ACM Transactions on Networking*, 14(3):492–505, 2006. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic). See correction [BBLV06a].

Baiocchi:1993:EAA

[BBM93] Andrea Baiocchi and Nicola Bléfari-Melazzi. An error-controlled approximate analysis of a stochastic fluid flow model applied to an ATM multiplexer with heterogeneous On-Off sources. *IEEE/ACM Transactions on Networking*, 1(6):628–637, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p628-baiocchi/`.

Brosh:2010:DFT

[BBM+10] Eli Brosh, Salman Abdul Baset, Vishal Misra, Dan Rubenstein, and Henning Schulzrinne. The delay-friendliness of TCP for real-time traffic. *IEEE/ACM Transactions on Networking*, 18(5):1478–1491, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Benson:2008:CAO

[BBMELH08] Karyn Benson, Benjamin Birnbaum, Esteban Molina-Estolano, and Ran Libeskind-Hadas. Competitive analysis of online traffic grooming in WDM rings. *IEEE/ACM Transactions on Networking*, 16(4):984–997, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2005:ACQ

[BBO+05] Yigal Bejerano, Yuri Breitbart, Ariel Orda, Rajeev Rastogi, and Alexander Sprintson. Algorithms for computing QoS paths with restoration. *IEEE/ACM Transactions on Networking*, 13(3):648–661, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barford:2001:CPA

[BC01a] Paul Barford and Mark Crovella. Critical path analysis of TCP transactions. *IEEE/ACM Transactions on Networking*, 9 (3):238–248, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bonuccelli:2001:SRT

[BC01b] Maurizio A. Bonuccelli and M. Claudia Clò. Scheduling of real-time messages in optical broadcast-and-select networks. *IEEE/ACM Transactions on Networking*, 9(5):541–552, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Basagni:1999:MTD

[BCB99] Stefano Basagni, Imrich Chlamtac, and Danilo Bruschi. A mobility-transparent deterministic broadcast mechanism for ad hoc networks. *IEEE/ACM Transactions on Networking*, 7(6):799–807, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/1999-7-6/p799-basagni/p799-basagni.pdf`; `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p799-basagni/`.

Bosio:2007:RPW

[BCC07] Sandro Bosio, Antonio Capone, and Matteo Cesana. Radio planning of wireless local area networks. *IEEE/ACM Transactions on Networking*, 15(6):1414–1427, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banaei:2015:ASG

[BCGC15] Armin Banaei, Daren B. H. Cline, Costas N. Georghiades, and Shuguang Cui. On asymptotic statistics for geometric routing schemes in wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 23(2):559–573, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boggia:2007:FBC

[BCGM07] Gennaro Boggia, Pietro Camarda, Luigi Alfredo Grieco, and Saverio Mascolo. Feedback-based control for providing real-time services with the 802.11e MAC. *IEEE/ACM Transactions on Networking*, 15(2):323–333, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bahl:2009:OUC

[BCL+09] Paramvir Bahl, Ranveer Chandra, Patrick P. C. Lee, Vishal Misra, Jitendra Padhye, Dan Rubenstein, and Yan Yu. Opportunistic use of client repeaters to improve performance of WLANs. *IEEE/ACM Transactions on Networking*, 17(4):1160–1171, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banerjee:2010:DFE

[BCL10] Nilanjan Banerjee, Mark D. Corner, and Brian Neil Levine. Design and field experimentation of an energy-efficient architecture for DTN throwboxes. *IEEE/ACM Transactions on Networking*, 18(2):554–567,

April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Basile:2012:NLA

[BCL12] Cataldo Basile, Alberto Cappadonia, and Antonio Lioy. Network-level access control policy analysis and transformation. *IEEE/ACM Transactions on Networking*, 20(4):985–998, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Byers:2004:ICD

[BCMR04] John W. Byers, Jeffrey Considine, Michael Mitzenmacher, and Stanislav Rost. Informed content delivery across adaptive overlay networks. *IEEE/ACM Transactions on Networking*, 12(5):767–780, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2002:EHR

[BCN02] Yigal Bejerano, Israel Cidon, and Joseph (Seffi) Naor. Efficient handoff rerouting algorithms: a competitive on-line algorithmic approach. *IEEE/ACM Transactions on Networking*, 10(6):749–760, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bambos:2000:CAA

[BCP00] Nicholas Bambos, Shou C. Chen, and Gregory J. Pottie. Channel access algorithms with active link protection for wireless communication networks with power control. *IEEE/ACM Transactions on Networking*, 8 (5):583–597, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p583-bambos/`.

Baccarelli:2013:OSA

[BCP13] Enzo Baccarelli, Nicola Cordeschi, and Valentina Polli. Optimal self-adaptive QoS resource management in interference-affected multicast wireless networks. *IEEE/ACM Transactions on Networking*, 21(6):1750–1759, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Birand:2012:APG

[BCR+12] Berk Birand, Maria Chudnovsky, Bernard Ries, Paul Seymour, Gil Zussman, and Yori Zwols. Analyzing the performance of greedy maximal scheduling via local pooling and graph the-

ory. *IEEE/ACM Transactions on Networking*, 20(1): 163–176, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Braun:1996:PEC

[BD96] Torsten Braun and Christophe Diot. Performance evaluation and cache analysis of an ILP protocol implementation. *IEEE/ACM Transactions on Networking*, 4(3):318–330, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p318-braun/`.

Bolla:1997:CMS

[BD97] Raffaele Bolla and Franco Davoli. Control of multirate synchronous streams in hybrid TDM access networks. *IEEE/ACM Transactions on Networking*, 5 (2):291–304, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p291-bolla/`.

Baek:2007:SEB

[BD07] Seung Jun Baek and Gustavo De Veciana. Spatial energy balancing through proactive multipath routing in wireless multihop networks. *IEEE/ACM Transactions on Networking*, 15(1):93–104, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bredin:2010:DSN

[BDHR10] Jonathan L. Bredin, Erik D. Demaine, Mohammad Taghi Hajiaghayi, and Daniela Rus. Deploying sensor networks with guaranteed fault tolerance. *IEEE/ACM Transactions on Networking*, 18(1):216–228, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Beimel:2007:ROE

[BDS07] Amos Beimel, Shlomi Dolev, and Noam Singer. RT oblivious erasure correcting. *IEEE/ACM Transactions on Networking*, 15(6):1321–1332, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Brauckhoff:2012:AEB

[BDWS12] Daniela Brauckhoff, Xenofontas Dimitropoulos, Arno Wagner, and Kavé Salamatian. Anomaly extraction in backbone networks using association rules. *IEEE/ACM Transactions on Networking*, 20(6):1788–1799,

December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Borbash:2006:FMW

[BE06] Steven A. Borbash and Anthony Ephremides. The feasibility of matchings in a wireless network. *IEEE/ACM Transactions on Networking*, 14(SI):2749–2755, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bader:2008:POI

[BE08] Ahmed Bader and Eylem Ekici. Performance optimization of interference-limited multihop networks. *IEEE/ACM Transactions on Networking*, 16(5):1147–1160, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2004:EIM

[Bej04] Yigal Bejerano. Efficient integration of multihop wireless and wired networks with QoS constraints. *IEEE/ACM Transactions on Networking*, 12(6):1064–1078, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2009:TSC

[Bej09] Yigal Bejerano. Taking the skeletons out of the closets: a simple and efficient topology discovery scheme for large Ethernet LANs. *IEEE/ACM Transactions on Networking*, 17(5):1385–1398, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Berthaud:2000:TSN

[Ber00] Jean-Marc Berthaud. Time synchronization over networks using convex closures. *IEEE/ACM Transactions on Networking*, 8 (2):265–277, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p265-berthaud/`.

Bui:2008:ACC

[BESW08] Loc Bui, Atilla Eryilmaz, R. Srikant, and Xinzhou Wu. Asynchronous congestion control in multihop wireless networks with maximal matching-based scheduling. *IEEE/ACM Transactions on Networking*, 16(4):826–839, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Beard:2001:PRA

[BF01] Cory C. Beard and Victor S. Frost. Prioritized resource allocation for stressed networks. *IEEE/ACM Transactions on Networking*, 9(5):618–633, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bonaventure:2007:ASM

[BFF07] Olivier Bonaventure, Clarence Filsfils, and Pierre François. Achieving sub-50 milliseconds recovery upon BGP peering link failures. *IEEE/ACM Transactions on Networking*, 15(5):1123–1135, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bienkowski:2014:WAV

[BFG+14] Marcin Bienkowski, Anja Feldmann, Johannes Grassler, Gregor Schaffrath, and Stefan Schmid. The wide-area virtual service migration problem: a competitive analysis approach. *IEEE/ACM Transactions on Networking*, 22(1):165–178, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banerjea:1996:TRP

[BFM+96] Anindo Banerjea, Domenico Ferrari, Bruce A. Mah, Mark Moran, Dinesh C. Verma, and Hui Zhang. The Tenet real-time protocol suite: design, implementation, and experiences. *IEEE/ACM Transactions on Networking*, 4(1):1–10, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p1-banerjea/`.

Bhatnagar:2001:OSF

[BFMF01] Shalabh Bhatnagar, Michael C. Fu, Steven I. Marcus, and Pedram J. Fard. Optimal structured feedback policies for ABR flow control using two-timescale SPSA. *IEEE/ACM Transactions on Networking*, 9(4):479–491, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bjorkman:1998:PMM

[BG98] Mats Björkman and Per Gunningberg. Performance modeling of multiprocessor implementations of protocols. *IEEE/ACM Transactions on Networking*, 6(3):262–273, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1998-6-3/p262-bjorkman/.

Bird:1995:KFL

[BGH+95] Ray Bird, Inder Gopal, Amir Herzberg, Phil Janson, Shay Kutten, Refik Molva, and Moti Yung. The KryptoKnight family of light-weight protocols for authentication and key distribution. *IEEE/ACM Transactions on Networking*, 3(1):31–41, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p31-bird/.

Bateni:2010:MVO

[BGHS10] MohammadHossein Bateni, Alexandre Gerber, MohammadTaghi Hajiaghayi, and Subhabrata Sen. Multi-VPN optimization for scalable routing via relaying. *IEEE/ACM Transactions on Networking*, 18(5):1544–1556, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Breitbart:2004:TDH

[BGJ+04] Yuri Breitbart, Minos Garofalakis, Ben Jai, Cliff Martin, Rajeev Rastogi, and Avi Silberschatz. Topology discovery in heterogeneous IP networks: the *net-inventory* system. *IEEE/ACM Transactions on Networking*, 12(3):401–414, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bhattacharya:1997:DCA

[BGK97] Partha P. Bhattacharya, Leonidas Georgiadis, and Arvind Krishna. Distributed channel allocation for PCN with variable rate traffic. *IEEE/ACM Transactions on Networking*, 5(6):907–923, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p907-bhattacharya/.

Bienkowski:2016:DAD

[BGK+16] Marcin Bienkowski, Leszek Gasieniec, Marek Klonowski, Miroslaw Korzeniowski, Bernard Mans, Stefan Schmid, and Roger Wattenhofer. Distributed alarming in the on-duty and off-duty models. *IEEE/ACM Transactions on Networking*, 24(1):218–230, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boyd:2006:RGA

[BGPS06] Stephen Boyd, Arpita

Ghosh, Balaji Prabhakar, and Devavrat Shah. Randomized gossip algorithms. *IEEE/ACM Transactions on Networking*, 14(SI): 2508–2530, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banchs:2013:GTA

[BGSSW13] Albert Banchs, Andres Garcia-Saavedra, Pablo Serrano, and Joerg Widmer. A game-theoretic approach to distributed opportunistic scheduling. *IEEE/ACM Transactions on Networking*, 21(5):1553–1566, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barcelo:2000:WCT

[BGVC00] José M. Barceló, Jorge García-Vidal, and Olga Casals. Worst-case traffic in a tree network of ATM multiplexers. *IEEE/ACM Transactions on Networking*, 8(4):507–516, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p507-barcelo/`.

Baccelli:2005:ITF

[BH05] François Baccelli and Dohy Hong. Interaction of TCP flows as billiards. *IEEE/ACM Transactions on Networking*, 13(4):841–853, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boucouvalas:2006:OIP

[BH06] Anthony C. Boucouvalas and Pi Huang. OBEX over IrDA: performance analysis and optimization by considering multiple applications. *IEEE/ACM Transactions on Networking*, 14 (6):1292–1301, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bohacek:2006:NTP

[BHL+06] Stephan Bohacek, Joao P. Hespanha, Junsoo Lee, Chansook Lim, and Katia Obraczka. A new TCP for persistent packet reordering. *IEEE/ACM Transactions on Networking*, 14 (2):369–382, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2007:FLB

[BHL07] Yigal Bejerano, Seung-Jae Han, and Li Li. Fairness and load balancing in wireless LANs using association control. *IEEE/ACM Transactions on Networking*, 15(3):560–573, June 2007. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Bianco:2011:CPS

[BHN11] Andrea Bianco, David Hay, and Fabio Neri. Crosstalk-preventing scheduling in single-and two-stage AWG-based cell switches. *IEEE/ACM Transactions on Networking*, 19(1):142–155, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Biswas:2000:DFB

[BI00] Subir K. Biswas and Rauf Izmailov. Design of a fair bandwidth allocation policy for VBR traffic in ATM networks. *IEEE/ACM Transactions on Networking*, 8 (2):212, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p212-biswas/`.

Biswas:2000:CSE

[BIS00] Subir K. Biswas, Rauf Izmailov, and Bhaskar Sengupta. Connection splitting: an efficient way of reducing call blocking in ATM. *IEEE/ACM Transactions on Networking*, 8 (5):655–666, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p655-biswas/`.

Banerjee:2001:PEQ

[BIV01] Ayan Banerjee, Ronald A. Iltis, and Emmanouel A. Varvarigos. Performance evaluation for a quasi-synchronous packet radio network (QSPNET). *IEEE/ACM Transactions on Networking*, 9(5):567–577, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barghi:2015:EAA

[BJ15] Sanaz Barghi and Hamid Jafarkhani. Exploiting asynchronous amplify-and-forward relays to enhance the performance of IEEE 802.11 networks. *IEEE/ACM Transactions on Networking*, 23(2):479–490, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barghi:2011:MAM

[BJY11] Sanaz Barghi, Hamid Jafarkhani, and Homayoun Yousefi'zadeh. MIMO-assisted MPR-aware MAC design for asynchronous WLANs. *IEEE/ACM Transactions on Networking*, 19(6):1652–1665, December 2011. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Berger:2000:DBE

[BK00] Arthur W. Berger and Yaakov Kogan. Dimensioning bandwidth for elastic traffic in high-speed data networks. *IEEE/ACM Transactions on Networking*, 8(5):643–654, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p643-berger/`.

Birk:2006:CDI

[BK06] Yitzhak Birk and Tomer Kol. Coding on demand by an informed source (ISCOD) for efficient broadcast of different supplemental data to caching clients. *IEEE/ACM Transactions on Networking*, 14 (SI):2825–2830, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bagheri:1993:SBM

[BKH+93] Mehran Bagheri, Dennis T. Kong, Wayne S. Holden, Fernando C. Irizarry, and Derek D. Mahoney. An STS-N byte-interleaving multiplexer/scrambler and demultiplexer/descrambler architecture and its experimental OC-48 implementation. *IEEE/ACM Transactions on Networking*, 1(3):282–285, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p282-bagheri/`.

Byers:2006:FGL

[BKLM06] John W. Byers, Gu-In Kwon, Michael Luby, and Michael Mitzenmacher. Fine-grained layered multicast with STAIR. *IEEE/ACM Transactions on Networking*, 14(1):81–93, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bhatia:2008:BGR

[BKLS08] Randeep S. Bhatia, Murali Kodialam, T. V. Lakshman, and Sudipta Sengupta. Bandwidth guaranteed routing with fast restoration against link and node failures. *IEEE/ACM Transactions on Networking*, 16(6):1321–1330, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bhattacharyya:2003:ERC

[BKTN03] Supratik Bhattacharyya, James F. Kurose, Don Towsley, and Ramesh Na-

garajan. Efficient rate-controlled bulk data transfer using multiple multicast groups. *IEEE/ACM Transactions on Networking*, 11(6):895–907, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Byun:1994:DAA

[BL94] Jae W. Byun and Tony T. Lee. The design and analysis of an ATM multicast switch with adaptive traffic controller. *IEEE/ACM Transactions on Networking*, 2(3):288–298, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p288-byun/`.

Bouillet:2004:DCS

[BL04] Eric Bouillet and Jean-François Labourdette. Distributed computation of shared backup path in mesh optical networks using probabilistic methods. *IEEE/ACM Transactions on Networking*, 12(5):920–930, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Basile:2015:AAL

[BL15] Cataldo Basile and Antonio Lioy. Analysis of application-layer filtering policies with application to HTTP. *IEEE/ACM Transactions on Networking*, 23 (1):28–41, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bouabdallah:2010:DAM

[BLB10] Nizar Bouabdallah, Rami Langar, and Raouf Boutaba. Design and analysis of mobility-aware clustering algorithms for wireless mesh networks. *IEEE/ACM Transactions on Networking*, 18(6):1677–1690, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banerjee:2006:RMU

[BLBS06] Suman Banerjee, Seungjoon Lee, Bobby Bhattacharjee, and Aravind Srinivasan. Resilient multicast using overlays. *IEEE/ACM Transactions on Networking*, 14(2):237–248, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Burchard:2011:SSN

[BLC11] Almut Burchard, Jörg Liebeherr, and Florin Ciucu. On superlinear scaling of network delays. *IEEE/ACM Transactions on Networking*, 19(4):1043–

1056, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bando:2012:FBG

[BLC12] Masanori Bando, Yi-Li Lin, and H. Jonathan Chao. FlashTrie: beyond 100-Gb/s IP route lookup using hash-based prefix-compressed trie. *IEEE/ACM Transactions on Networking*, 20(4):1262–1275, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bensaou:1997:ECL

[BLCT97] Brahim Bensaou, Shirley T. C. Lam, Hon-Wai Chu, and Danny H. K. Tsang. Estimation of the cell loss ratio in ATM networks with a fuzzy system and application to measurement-based call admission control. *IEEE/ACM Transactions on Networking*, 5(4):572–584, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p572-bensaou/`.

Borrel:2009:SUS

[BLDF09] Vincent Borrel, Franck Legendre, Marcelo Dias De Amorim, and Serge Fdida. SIMPS: using sociology for personal mobility. *IEEE/ACM Transactions on Networking*, 17(3):831–842, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Buchbinder:2012:DPA

[BLEM+12] Niv Buchbinder, Liane Lewin-Eytan, Ishai Menache, Joseph Naor, and Ariel Orda. Dynamic power allocation under arbitrary varying channels: an online approach. *IEEE/ACM Transactions on Networking*, 20(2):477–487, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Baughman:2007:CPP

[BLL07] Nathaniel E. Baughman, Marc Liberatore, and Brian Neil Levine. Cheat-proof playout for centralized and peer-to-peer gaming. *IEEE/ACM Transactions on Networking*, 15 (1):1–13, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barbera:2010:QSA

[BLPS10] Mario Barbera, Alfio Lombardo, Carla Panarello, and Giovanni Schembra. Queue stability analysis and performance evaluation of a TCP-compliant window

management mechanism. *IEEE/ACM Transactions on Networking*, 18(4):1275–1288, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bouillet:2005:LRO

[BLRC05] Eric Bouillet, Jean-François Labourdette, Ramu Ramamurthy, and Sid Chaudhuri. Lightpath reoptimization in mesh optical networks. *IEEE/ACM Transactions on Networking*, 13(2):437–447, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Brosh:2007:AHA

[BLS07] Eli Brosh, Asaf Levin, and Yuval Shavitt. Approximation and heuristic algorithms for minimum-delay application-layer multicast trees. *IEEE/ACM Transactions on Networking*, 15 (2):473–484, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Blanchini:2002:RRC

[BLT02] Franco Blanchini, Renato Lo Cigno, and Roberto Tempo. Robust rate control for integrated services packet networks. *IEEE/ACM Transactions on Networking*, 10(5):644–652, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Balasubramanian:2010:RRD

[BLV10] Aruna Balasubramanian, Brian Neil Levine, and Arun Venkataramani. Replication routing in DTNs: a resource allocation approach. *IEEE/ACM Transactions on Networking*, 18 (2):596–609, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Benmohamed:1993:FCC

[BM93] Lotfi Benmohamed and Semyon M. Meerkov. Feedback control of congestion in packet switching networks: the case of a single congested node. *IEEE/ACM Transactions on Networking*, 1(6):693–708, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p693-benmohamed/`.

Bianchi:1997:RLS

[BM97] Giuseppe Bianchi and Riccardo Melen. The role of local storage in supporting video retrieval services on ATM networks. *IEEE/ACM Transactions on Networking*, 5(6):882–892, December 1997. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p882-bianchi/.

Banerjee:2000:WRO

[BM00] Dhritiman Banerjee and Biswanath Mukherjee. Wavelength-routed optical networks: linear formulation, resource budgeting tradeoffs, and a reconfiguration study. *IEEE/ACM Transactions on Networking*, 8 (5):598–607, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p598-banerjee/.

Brzezinski:2008:ATR

[BM08] Andrew Brzezinski and Eytan Modiano. Achieving 100% throughput in reconfigurable optical networks. *IEEE/ACM Transactions on Networking*, 16 (4):970–983, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Baldi:2009:PFP

[BM09] Mario Baldi and Guido Marchetto. Pipeline forwarding of packets based on a low-accuracy network-distributed common time reference. *IEEE/ACM Transactions on Networking*, 17(6):1936–1949, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Balakrishnan:2011:MTE

[BMB+11] Mahesh Balakrishnan, Tudor Marian, Kenneth P. Birman, Hakim Weatherspoon, and Lakshmi Ganesh. Maelstrom: transparent error correction for communication between data centers. *IEEE/ACM Transactions on Networking*, 19(3):617–629, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bianco:2009:WUS

[BMM+09] Andrea Bianco, Gianluca Mardente, Marco Mellia, Maurizio Munafò, and Luca Muscariello. Web user-session inference by means of clustering techniques. *IEEE/ACM Transactions on Networking*, 17 (2):405–416, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Borst:2014:NUM

[BMS14a] Sem C. Borst, Mihalis G. Markakis, and Iraj Saniee. Nonconcave utility maximization in locally coupled systems, with applications to wireless and wireline net-

works. *IEEE/ACM Transactions on Networking*, 22 (2):674–687, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Butkiewicz:2014:CWP

[BMS14b] Michael Butkiewicz, Harsha V. Madhyastha, and Vyas Sekar. Characterizing Web page complexity and its impact. *IEEE/ACM Transactions on Networking*, 22(3):943–956, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Baccelli:2009:RPN

[BMVB09] Françis Baccelli, Sridhar Machiraju, Darryl Veitch, and Jean Bolot. The role of PASTA in network measurement. *IEEE/ACM Transactions on Networking*, 17(4):1340–1353, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Borst:2003:GPS

[BMvU03] Sem Borst, Michel Mandjes, and Miranda van Uitert. Generalized processor sharing with light-tailed and heavy-tailed input. *IEEE/ACM Transactions on Networking*, 11 (5):821–834, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Basu:2005:FIU

[BN05] Anindya Basu and Girija Narlikar. Fast incremental updates for pipelined forwarding engines. *IEEE/ACM Transactions on Networking*, 13(3):690–703, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bhorkar:2016:ORC

[BNJ16] Abhijeet Bhorkar, Mohammad Naghshvar, and Tara Javidi. Opportunistic routing with congestion diversity in wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 24 (2):1167–1180, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bhorkar:2012:AOR

[BNJR12] Abhijeet A. Bhorkar, Mohammad Naghshvar, Tara Javidi, and Bhaskar D. Rao. Adaptive opportunistic routing for wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 20(1):243–256, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boche:2011:PBU

[BNS11] Holger Boche, Siddharth Naik, and Martin Schubert. Pareto boundary of utility sets for multiuser wireless systems. *IEEE/ACM Transactions on Networking*, 19(2):589–601, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Baldi:2000:EED

[BO00] Mario Baldi and Yoram Ofek. End-to-end delay analysis of videoconferencing over packet-switched networks. *IEEE/ACM Transactions on Networking*, 8(4):479–492, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p479-baldi/`.

Baldi:2003:CRT

[BO03] Mario Baldi and Yoram Ofek. A comparison of ring and tree embedding for real-time group multicast. *IEEE/ACM Transactions on Networking*, 11(3): 451–464, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banner:2007:MRA

[BO07a] Ron Banner and Ariel Orda. Multipath routing algorithms for congestion minimization. *IEEE/ACM Transactions on Networking*, 15(2):413–424, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banner:2007:PTN

[BO07b] Ron Banner and Ariel Orda. The power of tuning: a novel approach for the efficient design of survivable networks. *IEEE/ACM Transactions on Networking*, 15(4):737–749, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Banchs:2016:TSB

[BOGS+16] Albert Banchs, Jorge Ortin, Andres Garcia-Saavedra, Douglas J. Leith, and Pablo Serrano. Thwarting selfish behavior in 802.11 WLANs. *IEEE/ACM Transactions on Networking*, 24(1):492–505, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Borst:2005:ULP

[Bor05] Sem Borst. User-level performance of channel-aware scheduling algorithms in wireless data networks. *IEEE/ACM Transactions on Networking*, 13(3):636–647, June 2005. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Baldi:2000:AGM

[BOY00] Mario Baldi, Yoram Ofek, and Bülent Yener. Adaptive group multicast with time-driven priority. *IEEE/ACM Transactions on Networking*, 8(1):31–43, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p31-baldi/`.

Bononi:1996:AEI

[BP96] Alberto Bononi and Paul R. Prucnal. Analytical evaluation of improved access techniques in deflection routing networks. *IEEE/ACM Transactions on Networking*, 4(5):726–730, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p726-bononi/`.

Broustis:2010:MDG

[BPK+10] Ioannis Broustis, Konstantina Papagiannaki, Srikanth V. Krishnamurthy, Michalis Faloutsos, and Vivek P. Mhatre. Measurement-driven guidelines for 802.11 WLAN design. *IEEE/ACM Transactions on Networking*, 18(3):722–735, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bampas:2012:NMW

[BPPP12] Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Katerina Potika. On a noncooperative model for wavelength assignment in multifiber optical networks. *IEEE/ACM Transactions on Networking*, 20(4):1125–1137, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bennett:1999:PRP

[BPS99] Jon C. R. Bennett, Craig Partridge, and Nicholas Shectman. Packet reordering is not pathological network behavior. *IEEE/ACM Transactions on Networking*, 7(6):789–798, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/1999-7-6/p789-bennett/p789-bennett.pdf`; `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p789-bennett/`.

Balakrishnan:1997:CMI

[BPSK97] Hari Balakrishnan, Venkata N. Padmanabhan, Srinivasan

Seshan, and Randy H. Katz. A comparison of mechanisms for improving TCP performance over wireless links. *IEEE/ACM Transactions on Networking*, 5(6):756–769, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p756-balakrishnan/`.

Bustamante:2008:DLS

[BQ08] Fabián E. Bustamante and Yi Qiao. Designing less-structured P2P systems for the expected high churn. *IEEE/ACM Transactions on Networking*, 16(3):617–627, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2006:RML

[BR06] Yigal Bejerano and Rajeev Rastogi. Robust monitoring of link delays and faults in IP networks. *IEEE/ACM Transactions on Networking*, 14(5):1092–1103, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barlet-Ros:2011:PRM

[BRISCSP11] Pere Barlet-Ros, Gianluca Iannaccone, Josep Sanjuàs-Cuxart, and Josep Solé-Pareta. Predictive resource management of multiple monitoring applications. *IEEE/ACM Transactions on Networking*, 19(3):788–801, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Balan:2013:AED

[BRM+13] Horia Vlad Balan, Ryan Rogalin, Antonios Michaloliakos, Konstantinos Psounis, and Giuseppe Caire. AirSync: enabling distributed multiuser MIMO with full spatial multiplexing. *IEEE/ACM Transactions on Networking*, 21(6):1681–1695, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Breitgand:2006:TMP

[BRS06] David Breitgand, Danny Raz, and Yuval Shavitt. The traveling miser problem. *IEEE/ACM Transactions on Networking*, 14(4):711–724, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Blough:2010:AAW

[BRS10] Douglas M. Blough, G. Resta, and P. Santi. Approximation algorithms for wireless link scheduling with SINR-based interference. *IEEE/ACM Transactions on Net-*

working, 18(6):1701–1712, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bellur:1997:SNA

[BS97] Bhargav R. Bellur and Galen H. Sasaki. A SAT-based network access scheme for fairness in high speed networks. *IEEE/ACM Transactions on Networking*, 5(3):371–381, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p371-bellur/`.

Byun:2000:USA

[BS00] Sung Hyuk Byun and Dan Keun Sung. The UniMIN switch architecture for large-scale ATM switches. *IEEE/ACM Transactions on Networking*, 8(1):109–120, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p109-byun/`.

Brassil:2002:SIM

[BS02] Jack Brassil and Henning Schulzrinne. Structuring Internet media streams with cueing protocols. *IEEE/ACM Transactions on Networking*, 10(4):466–476, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boche:2008:SGC

[BS08] Holger Boche and Martin Schubert. A superlinearly and globally convergent algorithm for power control and resource allocation with general interference functions. *IEEE/ACM Transactions on Networking*, 16(2):383–395, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Boche:2009:NBP

[BS09] Holger Boche and Martin Schubert. Nash bargaining and proportional fairness for wireless systems. *IEEE/ACM Transactions on Networking*, 17(5):1453–1466, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bouillard:2015:EWC

[BS15] Anne Bouillard and Giovanni Stea. Exact worst-case delay in FIFO-multiplexing feed-forward networks. *IEEE/ACM Transactions on Networking*, 23(5):1387–1400, October 2015. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Beirami:2016:PLN

[BSF16] Ahmad Beirami, Mohsen Sardari, and Faramarz Fekri. Packet-level network compression: realization and scaling of the network-wide benefits. *IEEE/ACM Transactions on Networking*, 24(3):1588–1604, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Batayneh:2011:RTR

[BSH+11] Marwan Batayneh, Dominic A. Schupke, Marco Hoffmann, Andreas Kirstaedter, and Biswanath Mukherjee. On routing and transmission-range determination of multi-bit-rate signals over mixed-line-rate WDM optical networks for carrier Ethernet. *IEEE/ACM Transactions on Networking*, 19(5):1304–1316, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bejerano:2006:ELA

[BSNI06] Yigal Bejerano, Mark A. Smith, Joseph (Seffi) Naor, and Nicole Immorlica. Efficient location area planning for personal communication systems. *IEEE/ACM Transactions on Networking*, 14(2):438–450, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bozinovski:2007:MAS

[BSP07] Marjan Bozinovski, Hans P. Schwefel, and Ramjee Prasad. Maximum availability server selection policy for efficient and reliable session control systems. *IEEE/ACM Transactions on Networking*, 15 (2):387–399, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bui:2009:DLS

[BSS09] Loc X. Bui, Sujay Sanghavi, and R. Srikant. Distributed link scheduling with constant overhead. *IEEE/ACM Transactions on Networking*, 17(5):1467–1480, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Budzisz:2011:FCL

[BSS+11a] Lukasz Budzisz, Rade Stanojević, Arieh Schlote, Fred Baker, and Robert Shorten. On the fair coexistence of loss- and delay-based TCP. *IEEE/ACM Transactions on Networking*, 19(6):1811–1824, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bui:2011:NAR

[BSS11b] Loc X. Bui, R. Srikant, and Alexander Stolyar. A novel architecture for reduction of delay and queueing structure complexity in the back-pressure algorithm. *IEEE/ACM Transactions on Networking*, 19 (6):1597–1609, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Blough:2014:FUI

[BSS14] Douglas M. Blough, Paolo Santi, and Ramya Srinivasan. On the feasibility of unilateral interference cancellation in MIMO networks. *IEEE/ACM Transactions on Networking*, 22 (6):1831–1844, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bala:1995:RLL

[BSSLB95] Krishna Bala, Thomas E. Stern, David Simchi-Levi, and Kavita Bala. Routing in a linear lightwave network. *IEEE/ACM Transactions on Networking*, 3(4):459–469, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p459-bala/`.

Begole:2001:RSR

[BSSS01] James Begole, Randall B. Smith, Craig A. Struble, and Clifford A. Shaffer. Resource sharing for replicated synchronous groupware. *IEEE/ACM Transactions on Networking*, 9(6):833–843, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bodas:2012:LCS

[BSYS12] Shreeshankar Bodas, Sanjay Shakkottai, Lei Ying, and R. Srikant. Low-complexity scheduling algorithms for multichannel downlink wireless networks. *IEEE/ACM Transactions on Networking*, 20(5):1608–1621, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bianchi:1993:IQA

[BT93] Giuseppe Bianchi and Jonathan S. Turner. Improved queueing analysis of shared buffer switching networks. *IEEE/ACM Transactions on Networking*, 1(4):482–490, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p482-bianchi/`.

Bensaou:2001:CBF

[BTC01] Brahim Bensaou, Danny H. K. Tsang, and King Tung Chan. Credit-based fair queueing (CBFQ): a simple service-scheduling algorithm for packet-switched networks. *IEEE/ACM Transactions on Networking*, 9(5):591–604, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bandyopadhyay:2005:STS

[BTC05] Seema Bandyopadhyay, Qingjiang Tian, and Edward J. Coyle. Spatio-temporal sampling rates and energy efficiency in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 13(6):1339–1352, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Babarczi:2011:ALF

[BTH11] Péter Babarczi, János Tapolcai, and Pin-Han Ho. Adjacent link failure localization with monitoring trails in all-optical mesh networks. *IEEE/ACM Transactions on Networking*, 19(3):907–920, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bauer:1996:DAM

[BV96] Fred Bauer and Anujan Varma. Distributed algorithms for multicast path setup in data networks. *IEEE/ACM Transactions on Networking*, 4(2):181–191, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p181-bauer/`.

Baboescu:2005:SPC

[BV05a] Florin Baboescu and George Varghese. Scalable packet classification. *IEEE/ACM Transactions on Networking*, 13(1):2–14, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Biaz:2005:RCL

[BV05b] Saâd Biaz and Nitin H. Vaidya. "de-randomizing" congestion losses to improve TCP performance over wired-wireless networks. *IEEE/ACM Transactions on Networking*, 13 (3):596–608, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bathula:2010:QBM

[BV10] Balagangadhar G. Bathula and Vinod M. Vokkarane. QoS-based manycasting

over optical burst-switched (OBS) networks. *IEEE/ACM Transactions on Networking*, 18(1):271–283, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Berger:1998:EBP

[BW98] Arthur W. Berger and Ward Whitt. Effective bandwidths with priorities. *IEEE/ACM Transactions on Networking*, 6(4):447–460, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p447-berger/`.

Bridges:2007:CET

[BWH+07] Patrick G. Bridges, Gary T. Wong, Matti Hiltunen, Richard D. Schlichting, and Matthew J. Barrick. A configurable and extensible transport protocol. *IEEE/ACM Transactions on Networking*, 15(6):1254–1265, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bulut:2010:CEM

[BWS10] Eyuphan Bulut, Zijian Wang, and Boleslaw Karol Szymanski. Cost-effective multiperiod spraying for routing in delay-tolerant networks. *IEEE/ACM Transactions on Networking*, 18(5):1530–1543, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Barbero:2006:CLT

[BY06] Ángela I. Barbero and Øyvind Ytrehus. Cyclelogical treatment for "cyclopathic" networks. *IEEE/ACM Transactions on Networking*, 14(SI):2795–2804, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Briat:2015:CIT

[BYH+15] Corentin Briat, Emre Altug Yavuz, Håkan Hjalmarsson, Karl Henrik Johansson, Ulf T. Jönsson, Gunnar Karlsson, and Henrik Sandberg. The conservation of information, towards an axiomatized modular modeling approach to congestion control. *IEEE/ACM Transactions on Networking*, 23(3):851–865, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Bennett:1997:HPF

[BZ97] Jon C. R. Bennett and Hui Zhang. Hierarchical packet fair queueing algorithms. *IEEE/ACM Transactions on Network-*

ing, 5(5):675–689, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p675-bennett/`.

Brzezinski:2008:DTM

[BZM08] Andrew Brzezinski, Gil Zussman, and Eytan Modiano. Distributed throughput maximization in wireless mesh networks via prepartitioning. *IEEE/ACM Transactions on Networking*, 16(6):1406–1419, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chalmers:2003:TMT

[CA03] Robert C. Chalmers and Kevin C. Almeroth. On the topology of multicast trees. *IEEE/ACM Transactions on Networking*, 11(1):153–165, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cruz:2008:SCF

[CAH08] R. L. Cruz and Saleh Al-Harthi. A service-curve framework for packet scheduling with switch configuration delays. *IEEE/ACM Transactions on Networking*, 16(1):196–205, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Camp:2012:CFU

[CAK12] Joseph Camp, Ehsan Aryafar, and Edward Knightly. Coupled 802.11 flows in urban channels: model and experimental evaluation. *IEEE/ACM Transactions on Networking*, 20(5):1452–1465, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cicconetti:2009:FBA

[CAL09] Claudio Cicconetti, Ian F. Akyildiz, and Luciano Lenzini. FEBA: a bandwidth allocation algorithm for service differentiation in IEEE 802.16 mesh networks. *IEEE/ACM Transactions on Networking*, 17(3):884–897, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Canberk:2011:PUA

[CAO11] Berk Canberk, Ian F. Akyildiz, and Sema Oktug. Primary user activity modeling using first-difference filter clustering and correlation in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 19(1):170–183, February 2011. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Caleffi:2015:SST

[CAP15] Marcello Caleffi, Ian F. Akyildiz, and Luigi Paura. On the solution of the Steiner tree NP-hard problem via *Physarum* BioNetwork. *IEEE/ACM Transactions on Networking*, 23(4):1092–1106, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2007:WSD

[CAQ07] Xiaojun Cao, Vishal Anand, and Chunming Qiao. Waveband switching for dynamic traffic demands in multigranular optical networks. *IEEE/ACM Transactions on Networking*, 15(4):957–968, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Crovella:1997:SWW

[CB97] Mark E. Crovella and Azer Bestavros. Self-similarity in World Wide Web traffic: evidence and possible causes. *IEEE/ACM Transactions on Networking*, 5(6):835–846, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p835-crovella/`.

Cheshire:1999:COB

[CB99] Stuart Cheshire and Mary Baker. Consistent overhead Byte stuffing. *IEEE/ACM Transactions on Networking*, 7(2):159–172, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p159-cheshire/`.

Chau:2011:ALS

[CB11] Chi-Kin Chau and Prithwish Basu. Analysis of latency of stateless opportunistic forwarding in intermittently connected networks. *IEEE/ACM Transactions on Networking*, 19(4):1111–1124, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2006:CMT

[CBAT06] Zesheng Chen, Tian Bu, Mostafa Ammar, and Don Towsley. Comments on "Modeling TCP Reno performance: a simple model and its empirical validation". *IEEE/ACM Transactions on Networking*, 14 (2):451–453, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-

2566 (electronic). See [PFTK00].

Chaintreau:2002:ITL

[CBD02] Augustin Chaintreau, François Baccelli, and Christophe Diot. Impact of TCP-like congestion control on the throughput of multicast groups. *IEEE/ACM Transactions on Networking*, 10 (4):500–512, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ciucu:2006:SPS

[CBL06a] Florin Ciucu, Almut Burchard, and Jörg Liebeherr. Scaling properties of statistical end-to-end bounds in the network calculus. *IEEE/ACM Transactions on Networking*, 14 (SI):2300–2312, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cristescu:2006:LNC

[CBL06b] Razvan Cristescu and Baltasar Beferull-Lozano. Lossy network correlated data gathering with high-resolution coding. *IEEE/ACM Transactions on Networking*, 14(SI):2817–2824, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2013:CDP

[CBL13] Fei Chen, Bezawada Bruhadeshwar, and Alex X. Liu. Cross-domain privacy-preserving cooperative firewall optimization. *IEEE/ACM Transactions on Networking*, 21(3):857–868, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2015:PPQ

[CBL15] Fei Chen, Bruhadeshwar Bezawada, and Alex X. Liu. Privacy-preserving quantification of cross-domain network reachability. *IEEE/ACM Transactions on Networking*, 23 (3):946–958, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cristescu:2006:NCD

[CBLVW06] Razvan Cristescu, Baltasar Beferull-Lozano, Martin Vetterli, and Roger Wattenhofer. Network correlated data gathering with explicit communication: NP-completeness and algorithms. *IEEE/ACM Transactions on Networking*, 14 (1):41–54, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2007:ABS

[CBSK07] Yan Chen, David Bindel, Han Hee Song, and Randy H.

Katz. Algebra-based scalable overlay network monitoring: algorithms, evaluation, and applications. *IEEE/ACM Transactions on Networking*, 15(5):1084–1097, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chao:1995:DAL

[CC95] H. Jonathan Chao and Byeong-Seog Choe. Design and analysis of a large-scale multicast output buffered ATM switch. *IEEE/ACM Transactions on Networking*, 3(2):126–138, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p126-chao/`.

Cheng:1996:DFT

[CC96] Ray-Guang Cheng and Chung-Ju Chang. Design of a fuzzy traffic controller for ATM networks. *IEEE/ACM Transactions on Networking*, 4(3):460–469, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p460-cheng/`.

Chakareski:2006:RER

[CC06] Jacob Chakareski and Philip A. Chou. RaDiO edge: rate-distortion optimized proxy-driven streaming from the network edge. *IEEE/ACM Transactions on Networking*, 14(6):1302–1312, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choi:1996:EST

[CCA96] Hongsik Choi, Hyeong-Ah Choi, and Murat Azizoğlu. Efficient scheduling of transmissions in optical broadcast networks. *IEEE/ACM Transactions on Networking*, 4(6):913–920, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p913-choi/`.

Cai:2006:ISIa

[CCE+06a] Ning Cai, Mung Chiang, Michelle Effros, Ralf Koetter, Muriel Médard, Balaji Prabhakar, R. Srikant, Don Towsley, and Raymond W. Yeung. Introduction to the special issue on networking and information theory. *IEEE/ACM Transactions on Networking*, 14 (SI):2285–2288, June 2006. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Cai:2006:ISIb

[CCE+06b] Ning Cai, Mung Chiang, Michelle Effros, Ralf Koetter, Muriel Médard, Balaji Prabhakar, R. Srikant, Don Towsley, and Raymond W. Yeung. Introduction to the special issue on networking and information theory. *IEEE/ACM Transactions on Networking*, 14(4): 674, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chow:2004:FOL

[CCF04] Timothy Y. Chow, Fabian Chudak, and Anthony M. Ffrench. Fast optical layer mesh protection using pre-cross-connected trails. *IEEE/ACM Transactions on Networking*, 12(3):539–548, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cali:2000:DTI

[CCG00] Frederico Calì, Marco Conti, and Enrico Gregori. Dynamic tuning of the IEEE 802.11 protocol to achieve a theoretical throughput limit. *IEEE/ACM Transactions on Networking*, 8(6):785–799, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p785-cal/p785-cal.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p785-cal/`.

Chrysos:2016:DNF

[CCKK16] Nikolaos Chrysos, Lydia Chen, Christoforos Kachris, and Manolis Katevenis. Discharging the network from its flow control headaches: packet drops and HOL blocking. *IEEE/ACM Transactions on Networking*, 24(1):15–28, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:1999:QPN

[CCL99] Ray-Guang Cheng, Chung-Ju Chang, and Li-Fong Lin. A QoS-Provisioning neural fuzzy connection admission controller for multimedia high-speed networks. *IEEE/ACM Transactions on Networking*, 7(1):111–121, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p111-cheng/`.

Chang:2006:COF

[CCL06] Cheng-Shang Chang, Yi-

Ting Chen, and Duan-Shin Lee. Constructions of optical FIFO queues. *IEEE/ACM Transactions on Networking*, 14(SI):2838–2843, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2009:CLC

[CCL09] Yi-Ting Chen, Jay Cheng, and Duan-Shin Lee. Constructions of linear compressors, nonovertaking delay lines, and flexible delay lines for optical packet switching. *IEEE/ACM Transactions on Networking*, 17(6):2014–2027, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chau:2011:CLS

[CCL11] Chi-Kin Chau, Minghua Chen, and Soung Chang Liew. Capacity of large-scale CSMA wireless networks. *IEEE/ACM Transactions on Networking*, 19 (3):893–906, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2002:MST

[CCLT02] Cheng Shang Chang, Rene L. Cruz, Jean Yves Le Boudec, and Patrick Thiran. A min,+ system theory for constrained traffic regulation and dynamic service guarantees. *IEEE/ACM Transactions on Networking*, 10(6):805–817, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cen:2003:EED

[CCV03] Song Cen, Pamela C. Cosman, and Geoffrey M. Voelker. End-to-end differentiation of congestion and wireless losses. *IEEE/ACM Transactions on Networking*, 11(5):703–717, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2014:MQR

[CCY+14] Shannon Chen, Cing-Yu Chu, Su-Ling Yeh, Hao-Hua Chu, and Polly Huang. Modeling the QoE of rate changes in Skype/SILK VoIP calls. *IEEE/ACM Transactions on Networking*, 22(6):1781–1793, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Clementi:1996:HAO

[CD96] Andrea E. F. Clementi and Miriam Di Ianni. On the hardness of approximating optimum schedule problems in store and forward networks. *IEEE/*

ACM Transactions on Networking, 4(2):272–280, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p272-clementi/`.

Celandroni:2006:LLT

[CDFG06] Nedo Celandroni, Franco Davoli, Erina Ferro, and Alberto Gotta. Long-lived TCP connections via satellite: cross-layer bandwidth allocation, pricing, and adaptive control. *IEEE/ACM Transactions on Networking*, 14(5):1019–1030, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chin:2010:DIM

[CDH+10] Jren-Chit Chin, Yu Dong, Wing-Kai Hon, Chris Yu-Tak Ma, and David K. Y. Yau. Detection of intelligent mobile target in a mobile sensor network. *IEEE/ACM Transactions on Networking*, 18(1):41–52, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Challenger:2004:ESD

[CDI+04] James R. Challenger, Paul Dantzig, Arun Iyengar, Mark S. Squillante, and Li Zhang. Efficiently serving dynamic data at highly accessed Web sites. *IEEE/ACM Transactions on Networking*, 12(2):233–246, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Coppo:1993:OCD

[CDM93] Paolo Coppo, Matteo D'Ambrosio, and Riccardo Melen. Optimal cost/performance design of ATM switches. *IEEE/ACM Transactions on Networking*, 1(5):566–575, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p566-coppo/`.

Castelluccia:1997:GEP

[CDO97] Claude Castelluccia, Walid Dabbous, and Sean O'Malley. Generating efficient protocol code from an abstract specification. *IEEE/ACM Transactions on Networking*, 5(4):514–524, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p514-castelluccia/`.

Coras:2016:AML

[CDPLCA16] Florin Coras, Jordi Domingo-Pascual, Darrel Lewis, and Albert Cabellos-Aparicio. An analytical model for Loc/ID mappings caches. *IEEE/ACM Transactions on Networking*, 24(1):506–516, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cittadini:2011:WRR

[CDRV11] Luca Cittadini, Giuseppe Di Battista, Massimo Rimondini, and Stefano Vissicchio. Wheel + ring = reel: the impact of route filtering on the stability of policy routing. *IEEE/ACM Transactions on Networking*, 19(4):1085–1096, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Courcoubetis:2002:TES

[CDS02] Costas A. Courcoubetis, Antonis Dimakis, and George D. Stamoulis. Traffic equivalence and substitution in a multiplexer with applications to dynamic available capacity estimation. *IEEE/ACM Transactions on Networking*, 10 (2):217–231, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chiu:2008:MFD

[CE08] Yuh-Ming Chiu and Do Young Eun. Minimizing file download time in stochastic peer-to-peer networks. *IEEE/ACM Transactions on Networking*, 16(2):253–266, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cai:2009:CBD

[CE09] Han Cai and Do Young Eun. Crossing over the bounded domain: from exponential to power-law intermeeting time in mobile ad hoc networks. *IEEE/ACM Transactions on Networking*, 17(5):1578–1591, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chlamtac:1999:SWA

[CEFS99] Imrich Chlamtac, Viktória Elek, Andrea Fumagalli, and Csaba Szabó. Scalable WDM access network architecture based on photonic slot routing. *IEEE/ACM Transactions on Networking*, 7(1):1–9, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p1-chlamtac/`.

Cho:2012:IDA

[CER12] Sangman Cho, Theodore Elhourani, and Srinivasan Ramasubramanian. Independent directed acyclic graphs for resilient multipath routing. *IEEE/ACM Transactions on Networking*, 20(1):153–162, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chlamtac:1994:MTS

[CF94] Imrich Chlamtac and András Faragó. Making transmission schedules immune to topology changes in multihop packet radio networks. *IEEE/ACM Transactions on Networking*, 2(1):23–29, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p23-chlamtac/`.

Clark:1998:EAB

[CF98] David D. Clark and Wenjia Fang. Explicit allocation of best-effort packet delivery service. *IEEE/ACM Transactions on Networking*, 6(4):362–373, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p362-clark/`.

Chich:2001:UDR

[CFC01] Thierry Chich, Pierre Fraigniaud, and Johanne Cohen. Unslotted deflection routing: a practical and efficient protocol for multihop optical networks. *IEEE/ACM Transactions on Networking*, 9 (1):47–59, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p47-chich/p47-chich.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p47-chich/`.

Feng:2005:TCP

[cFCcFW05] Wu chang Feng, Francis Chang, Wu chi Feng, and Jonathan Walpole. A traffic characterization of popular on-line games. *IEEE/ACM Transactions on Networking*, 13(3):488–500, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Costa:2006:ISD

[CFD06] Luís Henrique M. K. Costa, Serge Fdida, and Otto Carlos M. B. Duarte. Incremental service deployment using the hop-by-hop multicast routing pro-

tocol. *IEEE/ACM Transactions on Networking*, 14 (3):543–556, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cerutti:2008:DMS

[CFG08] Isabella Cerutti, Andrea Fumagalli, and Puja Gupta. Delay models of single-source single-relay cooperative ARQ protocols in slotted radio networks with Poisson frame arrivals. *IEEE/ACM Transactions on Networking*, 16(2):371–382, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Feng:1999:UIT

[cFKSS99] Wu chang Feng, Dilip D. Kandlur, Debanjan Saha, and Kang G. Shin. Understanding and improving TCP performance over networks with minimum rate guarantees. *IEEE/ACM Transactions on Networking*, 7(2):173–187, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p173-feng/`.

Chen:2009:NQD

[CFM+09] Mingyu Chen, Xingzhe Fan, Manohar N. Murthi, T. Dilusha Wickramarathna, and Kamal Premaratne. Normalized queueing delay: congestion control jointly utilizing delay and marking. *IEEE/ACM Transactions on Networking*, 17(2):618–631, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Caragiannis:2013:EIM

[CFM13] Ioannis Caragiannis, Michele Flammini, and Luca Moscardelli. An exponential improvement on the MST heuristic for minimum energy broadcasting in ad hoc wireless networks. *IEEE/ACM Transactions on Networking*, 21(4):1322–1331, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Casado:2009:REN

[CFP+09] Martín Casado, Michael J. Freedman, Justin Pettit, Jianying Luo, Natasha Gude, Nick McKeown, and Scott Shenker. Rethinking enterprise network control. *IEEE/ACM Transactions on Networking*, 17(4): 1270–1283, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Catania:1996:CAF

[CFPP96] Vincenzo Catania, Giuseppe Ficili, Sergio Palazzo, and Daniela Panno. A comparative analysis of fuzzy versus conventional policing mechanisms for ATM networks. *IEEE/ACM Transactions on Networking*, 4(3):449–459, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p449-catania/`.

Chekuri:2006:ATA

[CFS06] Chandra Chekuri, Christina Fragouli, and Emina Soljanin. On average throughput and alphabet size in network coding. *IEEE/ACM Transactions on Networking*, 14(SI):2410–2424, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2009:PSG

[CFS09] Reuven Cohen, Niloofar Fazlollahi, and David Starobinski. Path switching and grading algorithms for advance channel reservation architectures. *IEEE/ACM Transactions on Networking*, 17(5):1684–1695, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chambers:2010:COG

[CFS+10] Chris Chambers, Wu-Chang Feng, Sambit Sahu, Debanjan Saha, and David Brandt. Characterizing online games. *IEEE/ACM Transactions on Networking*, 18(3):899–910, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2011:TCA

[CFS11] Reuven Cohen, Niloofar Fazlollahi, and David Starobinski. Throughput-competitive advance reservation with bounded path dispersion. *IEEE/ACM Transactions on Networking*, 19(5):1265–1275, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Feng:2002:BAQ

[cFSKS02] Wu chang Feng, Kang G. Shin, Dilip D. Kandlur, and Debanjan Saha. The BLUE active queue management algorithms. *IEEE/ACM Transactions on Networking*, 10(4):513–528, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chlamtac:1994:OSV

[CFZ94] Imrich Chlamtac, András Faragó, and Tao Zhang. Optimizing the system of virtual paths. *IEEE/ACM Transactions on Networking*, 2(6):581–587, December 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p581-chlamtac/`.

Chlamtac:1997:TMT

[CFZ97] Imrich Chlamtac, András Faragó, and Hongbiao Zhang. Time-spread multiple-access (TSMA) protocols for multihop mobile radio networks. *IEEE/ACM Transactions on Networking*, 5(6):804–812, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p804-chlamtac/`.

Cobb:1997:FT

[CG97] Jorge A. Cobb and Mohamed G. Gouda. Flow theory. *IEEE/ACM Transactions on Networking*, 5 (5):661–674, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p661-cobb/`.

Cherkasova:2004:AEM

[CG04] Ludmila Cherkasova and Minaxi Gupta. Analysis of enterprise media server workloads: access patterns, locality, content evolution, and rates of change. *IEEE/ACM Transactions on Networking*, 12 (5):781–794, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2015:EAP

[CG15a] Reuven Cohen and Guy Grebla. Efficient allocation of periodic feedback channels in broadband wireless networks. *IEEE/ACM Transactions on Networking*, 23(2):426–436, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2015:JSF

[CG15b] Reuven Cohen and Guy Grebla. Joint scheduling and fast cell selection in OFDMA wireless networks. *IEEE/ACM Transactions on Networking*, 23(1):114–125, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cobb:1998:TSS

[CGEN98] Jorge A. Cobb, Mohamed G. Gouda, and Amal El-Nahas. Time-shift scheduling — fair scheduling of flows in high-speed networks. *IEEE/ACM Transactions on Networking*, 6(3):274–285, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p274-cobb/`.

Cidon:1997:IFA

[CGGS97] Israel Cidon, Leonidas Georgiadis, Roch Guérin, and Yuval Shavitt. Improved fairness algorithms for rings with spatial reuse. *IEEE/ACM Transactions on Networking*, 5(2):190–204, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p190-cidon/`.

Cidon:1994:PBP

[CGK94] Israel Cidon, Roch Guérin, and Asad Khamisy. On protective buffer policies. *IEEE/ACM Transactions on Networking*, 2(3):240–246, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p240-cidon/`.

Cohen:2010:CLH

[CGK10] Reuven Cohen, Guy Grebla, and Liran Katzir. Cross-layer hybrid FEC/ARQ reliable multicast with adaptive modulation and coding in broadband wireless networks. *IEEE/ACM Transactions on Networking*, 18(6):1908–1920, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cavendish:2004:CTA

[CGM04] Dirceu Cavendish, Mario Gerla, and Saverio Mascolo. A control theoretical approach to congestion control in packet networks. *IEEE/ACM Transactions on Networking*, 12 (5):893–906, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cello:2013:OCC

[CGMS13] Marco Cello, Giorgio Gnecco, Mario Marchese, and Marcello Sanguineti. Optimality conditions for coordinate-convex policies in CAC with nonlinear feasibility boundaries. *IEEE/ACM Transactions on Networking*, 21(5):1363–1377, October 2013. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cidon:1993:CEH

[CGS93] Israel Cidon, Inder S. Gopal, and Adrian Segall. Connection establishment in high-speed networks. *IEEE/ACM Transactions on Networking*, 1(4):469–481, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p469-cidon/`.

Chen:2012:DGA

[CGW+12] Kai Chen, Chuanxiong Guo, Haitao Wu, Jing Yuan, Zhenqian Feng, Yan Chen, Songwu Lu, and Wenfei Wu. DAC: generic and automatic address configuration for data center networks. *IEEE/ACM Transactions on Networking*, 20(1):84–99, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2000:MPP

[CGY00] Shiwen Chen, Oktay Günlük, and Bülent Yener. The multicast packing problem. *IEEE/ACM Transactions on Networking*, 8 (3):311–318, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p311-chen/`.

Chen:1993:ACM

[CH93] Xing Chen and Jeremiah F. Hayes. Access control in multicast packet switching. *IEEE/ACM Transactions on Networking*, 1(6):638–649, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p638-chen/`.

Choudhury:1997:NBM

[CH97] Abhijit K. Choudhury and Ellen L. Hahne. A new buffer management scheme for hierarchical shared memory switches. *IEEE/ACM Transactions on Networking*, 5(5):728–738, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p728-choudhury/`.

Choudhury:1998:DQL

[CH98] Abhijit K. Choudhury and Ellen L. Hahne. Dynamic queue length thresholds for shared-memory packet switches. *IEEE/ACM Transactions on*

Networking, 6(2):130–140, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p130-choudhury/`.

Chang:2004:PAH

[CH04] Ben-Jye Chang and Ren-Hung Hwang. Performance analysis for hierarchical multirate loss networks. *IEEE/ACM Transactions on Networking*, 12(1):187–199, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chiang:2011:CLJ

[CH11] Jerry T. Chiang and Yih-Chun Hu. Cross-layer jamming detection and mitigation in wireless broadcast networks. *IEEE/ACM Transactions on Networking*, 19(1):286–298, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2015:EYJ

[CH15] Chih-Chuan Cheng and Pi-Cheng Hsiu. Extend your journey: considering signal strength and fluctuation in location-based applications. *IEEE/ACM Transactions on Networking*, 23 (2):451–464, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:1995:NMP

[CHA95] C. Y. Roger Chen, Shuo-Hsien Hsiao, and Abdulaziz S. Almazyad. A new model for the performance evaluation of synchronous circuit switched multistage interconnection networks. *IEEE/ACM Transactions on Networking*, 3(6):708–715, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p708-chen/`.

Chamberland:2010:GAN

[Cha10] Steven Chamberland. Global access network evolution. *IEEE/ACM Transactions on Networking*, 18(1):136–149, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2000:ECS

[CHCH00] Wen-Tsuen Chen, Chun-Fu Huang, Yi-Luang Chang, and Wu-Yuin Hwang. An efficient cell-scheduling algorithm for multicast ATM switching systems. *IEEE/ACM Transactions on Networking*, 8(4):517–525, 2000. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p517-chen/`.

Chou:2006:UNP

[CHH06] Zi-Tsan Chou, Ching-Chi Hsu, and Shin-Neng Hsu. UPCF: a new point coordination function with QoS and power management for multimedia over wireless LANs. *IEEE/ACM Transactions on Networking*, 14 (4):807–820, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2016:SSW

[CHL16] Sang-Yoon Chang, Yih-Chun Hu, and Nicola Laurenti. SimpleMAC: a simple wireless MAC-layer countermeasure to intelligent and insider jammers. *IEEE/ACM Transactions on Networking*, 24(2):1095–1108, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chi:2007:LFN

[CHLS07] Caixia Chi, Dawei Huang, David Lee, and XiaoRong Sun. Lazy flooding: a new technique for information dissemination in distributed network systems. *IEEE/ACM Transactions on Networking*, 15(1):80–92, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chait:2005:TDU

[CHM+05] Yossi Chait, C. V. Hollot, Vishal Misra, Don Towsley, Honggang Zhang, and Yong Cui. Throughput differentiation using coloring at the network edge and preferential marking at the core. *IEEE/ACM Transactions on Networking*, 13 (4):743–754, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2015:LFL

[CHML15] Zhichao Cao, Yuan He, Qiang Ma, and Yunhao Liu. L^2: lazy forwarding in low-duty-cycle wireless sensor network. *IEEE/ACM Transactions on Networking*, 23(3):922–930, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:1997:CRI

[CJ97] Joel E. Cohen and Clark Jeffries. Congestion resulting from increased capacity in single-server queueing networks. *IEEE/ACM Transactions on Networking*, 5(2):305–310, April 1997. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p305-cohen/`.

Cholda:2007:RAO

[CJ07] Piotr Chołda and Andrzej Jajszczyk. Reliability assessment of optical p-cycles. *IEEE/ACM Transactions on Networking*, 15 (6):1579–1592, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chamania:2014:CAE

[CJ14] Mohit Chamania and Admela Jukan. A comparative analysis of the effects of dynamic optical circuit provisioning on IP routing. *IEEE/ACM Transactions on Networking*, 22 (2):429–442, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2011:ULG

[CJH+11] Shuyi Chen, Kaustubh R. Joshi, Matti A. Hiltunen, Richard D. Schlichting, and William H. Sanders. Using link gradients to predict the impact of network latency on multitier applications. *IEEE/ACM Transactions on Networking*, 19(3):855–868, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choi:2009:RAO

[CJJ09] Kae Won Choi, Wha Sook Jeon, and Dong Geun Jeong. Resource allocation in OFDMA wireless communications systems supporting multimedia services. *IEEE/ACM Transactions on Networking*, 17 (3):926–935, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Christiansen:2001:TRW

[CJOS01] Mikkel Christiansen, Kevin Jeffay, David Ott, and F. Donelson Smith. Tuning RED for Web traffic. *IEEE/ACM Transactions on Networking*, 9(3): 249–264, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2016:ABD

[CJV16] Chen Chen, Hans-Arno Jacobsen, and Roman Vitenberg. Algorithms based on divide and conquer for topic-based publish/subscribe overlay design. *IEEE/ACM Transactions on Networking*, 24(1):422–436, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2011:LSR

[CJW11] Hyunseok Chang, Sugih Jamin, and Wenjie Wang. Live streaming with receiver-based peer-division multiplexing. *IEEE/ACM Transactions on Networking*, 19(1):55–68, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choi:2014:DLS

[CJZS14] Jin-Ghoo Choi, Changhee Joo, Junshan Zhang, and Ness B. Shroff. Distributed link scheduling under SINR model in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 22(4):1204–1217, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2000:CVP

[CK00] Reuven Cohen and Gideon Kaempfer. On the cost of virtual private networks. *IEEE/ACM Transactions on Networking*, 8 (6):775–784, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p775-cohen/p775-cohen.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p775-cohen/`.

Cohen:2007:GQA

[CK07] Reuven Cohen and Liran Katzir. A generic quantitative approach to the scheduling of synchronous packets in a shared uplink wireless channel. *IEEE/ACM Transactions on Networking*, 15(4):932–943, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2009:OWS

[CK09] Reuven Cohen and Boris Kapchits. An optimal wake-up scheduling algorithm for minimizing energy consumption while limiting maximum delay in a mesh sensor network. *IEEE/ACM Transactions on Networking*, 17(2):570–581, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Camp:2010:MRA

[CK10a] Joseph Camp and Edward Knightly. Modulation rate adaptation in urban and vehicular environments: cross-layer implementation and experimental evaluation. *IEEE/ACM Transactions on Networking*, 18(6):1949–1962, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2010:CAE

[CK10b] Reuven Cohen and Liran Katzir. Computational analysis and efficient algorithms for micro and macro OFDMA downlink scheduling. *IEEE/ACM Transactions on Networking*, 18 (1):15–26, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2011:CND

[CK11] Reuven Cohen and Boris Kapchits. Continuous neighbor discovery in asynchronous sensor networks. *IEEE/ACM Transactions on Networking*, 19(1):69–79, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cuevas:2013:UIC

[CKC+13] Rubén Cuevas, Michal Kryczka, Angel Cuevas, Sebastian Kaune, Carmen Guerrero, and Reza Rejaie. Unveiling the incentives for content publishing in popular BitTorrent portals. *IEEE/ACM Transactions on Networking*, 21(5): 1421–1435, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choi:2009:SPC

[CKKK09] Lynn Choi, Hyogon Kim, Sunil Kim, and Moon Hae Kim. Scalable packet classification through rule-base partitioning using the maximum entropy hashing. *IEEE/ACM Transactions on Networking*, 17(6): 1926–1935, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2016:JSD

[CKL16] Zizhong Cao, Murali Kodialam, and T. V. Lakshman. Joint static and dynamic traffic scheduling in data center networks. *IEEE/ACM Transactions on Networking*, 24(3):1908–1918, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chung:1993:CAB

[CKR93] Shun-Ping Chung, Arik Kashper, and Keith W. Ross. Computing approximate blocking probabilities for large loss networks with state-dependent routing. *IEEE/ACM Transactions on Networking*, 1(1):105–115, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p105-chung/`.

Cha:2009:AVP

[CKR+09] Meeyoung Cha, Haewoon Kwak, Pablo Rodriguez, Yong-Yeol Ahn, and Sue Moon. Analyzing the video popularity characteristics of large-scale user generated content systems. *IEEE/ACM Transactions on Networking*, 17(5):1357–1370, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cai:2016:EDO

[CKS16] Han Cai, Irem Koprulu, and Ness B. Shroff. Exploiting double opportunities for latency-constrained content propagation in wireless networks. *IEEE/ACM Transactions on Networking*, 24(2):1025–1037, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Christodoulopoulos:2011:IDM

[CKV11] Konstantinos Christodoulopoulos, Panagiotis Kokkinos, and Emmanouel Manos Varvarigos. Indirect and direct multicost algorithms for online impairment-aware RWA. *IEEE/ACM Transactions on Networking*, 19(6):1759–1772, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chan:2003:SPG

[CL03] Man Chi Chan and Tony T. Lee. Statistical performance guarantees in large-scale cross-path packet switch. *IEEE/ACM Transactions on Networking*, 11 (2):325–337, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2004:BST

[CL04] Cheng-Shang Chang and Zhen Liu. A bandwidth sharing theory for a large number of HTTP-like connections. *IEEE/ACM Transactions on Networking*, 12(5):952–962, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chu:2005:DRW

[CL05] Xiaowen Chu and Bo Li. Dynamic routing and wavelength assignment in the presence of wavelength conversion for all-optical networks. *IEEE/ACM Transactions on Networking*, 13 (3):704–715, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2007:CFS

[CL07] Nicholas B. Chang and Mingyan Liu. Controlled flooding search in a large

network. *IEEE/ACM Transactions on Networking*, 15(2):436–449, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chu:2008:NAA

[CL08] Jian Chu and Chin-Tau Lea. New architecture and algorithms for fast construction of hose-model VPNs. *IEEE/ACM Transactions on Networking*, 16 (3):670–679, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2009:OCP

[CL09a] Nicholas B. Chang and Mingyan Liu. Optimal channel probing and transmission scheduling for opportunistic spectrum access. *IEEE/ACM Transactions on Networking*, 17(6): 1805–1818, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chu:2009:OLW

[CL09b] Jian Chu and Chin-Tau Lea. Optimal link weights for IP-based networks supporting hose-model VPNs. *IEEE/ACM Transactions on Networking*, 17(3):778–788, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2012:PIP

[CL12] Fei Chen and Alex X. Liu. Privacy- and integrity-preserving range queries in sensor networks. *IEEE/ACM Transactions on Networking*, 20(6):1774–1787, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chun:2013:SST

[CL13] Sung Hyun Chun and Richard J. La. Secondary spectrum trading: auction-based framework for spectrum allocation and profit sharing. *IEEE/ACM Transactions on Networking*, 21(1):176–189, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Checco:2015:FVN

[CL15] Alessandro Checco and Douglas J. Leith. Fair virtualization of 802.11 networks. *IEEE/ACM Transactions on Networking*, 23(1):148–160, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2016:RTC

[CL16a] Luwei Cheng and Francis C. M. Lau. Revisiting TCP congestion control in a virtual cluster environment.

IEEE/ACM Transactions on Networking, 24(4):2154–2167, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2016:DGT

[CL16b] Kobi Cohen and Amir Leshem. Distributed game-theoretic optimization and management of multichannel ALOHA networks. *IEEE/ACM Transactions on Networking*, 24(3):1718–1731, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Christin:2007:ECB

[CLA07] Nicolas Christin, Jörg Liebeherr, and Tarek Abdelzaher. Enhancing class-based service architectures with adaptive rate allocation and dropping mechanisms. *IEEE/ACM Transactions on Networking*, 15 (3):669–682, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2001:NSU

[CLC+01] Zhi-Ren Chang, I-Chung Lee, Cheng-Shang Chang, Chien-Hsin Li, and Ben-Li Sui. A novel scheme using the information of departure processes for delay guarantees of distributed VBR traffic. *IEEE/ACM Transactions on Networking*, 9(4):452–463, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2012:BAN

[CLC12] Wei Chen, Khaled B. Letaief, and Zhigang Cao. Buffer-aware network coding for wireless networks. *IEEE/ACM Transactions on Networking*, 20(5):1389–1401, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2010:RAG

[CLD10] Lijun Chen, Steven H. Low, and John C. Doyle. Random access game and medium access control design. *IEEE/ACM Transactions on Networking*, 18(4): 1303–1316, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Corner:2000:PSI

[CLG+00a] Mark D. Corner, Jörg Liebeherr, Nada Golmie, Chatschik Bisdikian, and David H. Su. A priority scheme for the IEEE 802.14 MAC protocol for hybrid fiber-coax networks. *IEEE/ACM Transactions on Networking*, 8(2):200–211, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (elec-

tronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p200-corner/.

Crochat:2000:PIW

[CLG00b] Olivier Crochat, Jean-Yves Le Boudec, and Ornan Gerstel. Protection interoperability for WDM optical networks. *IEEE/ACM Transactions on Networking*, 8(3):384–395, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p384-crochat/.

Chong:2001:SSS

[CLK01] Song Chong, Sangho Lee, and Sungho Kang. A simple, scalable, and stable explicit rate allocation algorithm for MAX-MIN flow control with minimum rate guarantee. *IEEE/ACM Transactions on Networking*, 9(3):322–335, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cicconetti:2014:ETD

[CLL+14] Claudio Cicconetti, Luciano Lenzini, Andrea Lodi, Silvano Martello, Enzo Mingozzi, and Michele Monaci. Efficient two-dimensional data allocation in IEEE 802.16 OFDMA. *IEEE/ACM Transactions on Networking*, 22(5):1645–1658, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chaskar:1999:TWL

[CLM99] Hemant M. Chaskar, T. V. Lakshman, and U. Madhow. TCP over wireless with link level error control: analysis and design methodology. *IEEE/ACM Transactions on Networking*, 7(5):605–615, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p605-chaskar/.

Chen:2016:ETS

[CLM+16] Min Chen, Wen Luo, Zhen Mo, Shigang Chen, and Yuguang Fang. An efficient tag search protocol in large-scale RFID systems with noisy channel. *IEEE/ACM Transactions on Networking*, 24 (2):703–716, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Campobello:2012:IES

[CLP12] Giuseppe Campobello, Alessandro Leonardi, and Sergio Palazzo. Improving energy saving and reliability

in wireless sensor networks using a simple CRT-based packet-forwarding solution. *IEEE/ACM Transactions on Networking*, 20(1):191–205, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lau:1997:SMB

[cLqL97] Wing cheong Lau and San qi Li. Statistical multiplexing and buffer sharing in multimedia high-speed networks: a frequency-domain perspective. *IEEE/ACM Transactions on Networking*, 5(3):382–396, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p382-lau/`.

Chen:2007:MFS

[CLS07] Cheng Chen, Zheng Guo Li, and Yeng Chai Soh. MRF: a framework for source and destination based bandwidth differentiation service. *IEEE/ACM Transactions on Networking*, 15(3):697–708, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2015:SSM

[CLSC15] Yu Cheng, Hongkun Li, Devu Manikantan Shila, and Xianghui Cao. A systematic study of maximal scheduling algorithms in multiradio multichannel wireless networks. *IEEE/ACM Transactions on Networking*, 23(4):1342–1355, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chou:2009:PSP

[CLSS09] Jerry Chi-Yuan Chou, Bill Lin, Subhabrata Sen, and Oliver Spatscheck. Proactive surge protection: a defense mechanism for bandwidth-based attacks. *IEEE/ACM Transactions on Networking*, 17(6):1711–1723, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choudhury:1995:IAC

[CLW95] Gagan L. Choudhury, Kin K. Leung, and Ward Whitt. An inversion algorithm to compute blocking probabilities in loss networks with state-dependent rates. *IEEE/ACM Transactions on Networking*, 3(5):585–601, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p585-choudhury/`.

Chang:2016:TLB

[CLW16] Cheng-Shang Chang, Wanjiun Liao, and Tsung-Ying Wu. Tight lower bounds for channel hopping schemes in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 24(4):2343–2356, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2006:PGR

[CLY06] Cheng-Shang Chang, Duan-Shin Lee, and Chi-Yao Yue. Providing guaranteed rate services in the load balanced Birkhoff–von Neumann switches. *IEEE/ACM Transactions on Networking*, 14(3):644–656, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:1993:SFP

[CM93] David X. Chen and Jon W. Mark. SCOQ: a fast packet switch with shared concentration and output queueing. *IEEE/ACM Transactions on Networking*, 1(1):142–151, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p142-chen/`.

Chaskar:2003:FST

[CM03] Hemant M. Chaskar and Upamanyu Madhow. Fair scheduling with tunable latency: a round-robin approach. *IEEE/ACM Transactions on Networking*, 11 (4):592–601, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chakrabarti:2005:RCR

[CM05a] Anirban Chakrabarti and G. Manimaran. Reliability constrained routing in QoS networks. *IEEE/ACM Transactions on Networking*, 13(3):662–675, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2005:ERW

[CM05b] Li-Wei Chen and Eytan Modiano. Efficient routing and wavelength assignment for reconfigurable WDM ring networks with wavelength converters. *IEEE/ACM Transactions on Networking*, 13(1):173–186, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cormode:2005:WNF

[CM05c] Graham Cormode and S. Muthukrishnan. What's new: Finding significant differences in network data

streams. *IEEE/ACM Transactions on Networking*, 13(6):1219–1232, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Carofiglio:2012:ITP

[CM12] Giovanna Carofiglio and Luca Muscariello. On the impact of TCP and per-flow scheduling on Internet performance. *IEEE/ACM Transactions on Networking*, 20(2):620–633, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Celik:2015:SNT

[ÇM15] Güner D. Çelik and Eytan Modiano. Scheduling in networks with time-varying channels and reconfiguration delay. *IEEE/ACM Transactions on Networking*, 23(1):99–113, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Congdon:2014:SRL

[CMFA14] Paul T. Congdon, Prasant Mohapatra, Matthew Farrens, and Venkatesh Akella. Simultaneously reducing latency and power consumption in OpenFlow switches. *IEEE/ACM Transactions on Networking*, 22(3):1007–1020, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ciullo:2011:ICM

[CMGL11] Delia Ciullo, Valentina Martina, Michele Garetto, and Emilio Leonardi. Impact of correlated mobility on delay-throughput performance in mobile ad hoc networks. *IEEE/ACM Transactions on Networking*, 19(6):1745–1758, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:1995:QAP

[CMM95] C. Y. Roger Chen, Georges A. Makhoul, and Dikran S. Meliksetian. A queueing analysis of the performance of DQDB. *IEEE/ACM Transactions on Networking*, 3(6):872–881, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p872-chen/`.

Chiaraviglio:2012:MIN

[CMN12] Luca Chiaraviglio, Marco Mellia, and Fabio Neri. Minimizing ISP network energy cost: formulation and solutions. *IEEE/ACM Transactions on Networking*, 20(2):463–476, April 2012. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Clad:2014:GCL

[CMP+14] Francois Clad, Pascal Merindol, Jean-Jacques Pansiot, Pierre Francois, and Olivier Bonaventure. Graceful convergence in link-state IP networks: a lightweight algorithm ensuring minimal operational impact. *IEEE/ACM Transactions on Networking*, 22(1):300–312, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chaporkar:2016:ODS

[CMP16] Prasanna Chaporkar, Stefan Magureanu, and Alexandre Proutiere. Optimal distributed scheduling in wireless networks under the SINR interference model. *IEEE/ACM Transactions on Networking*, 24(4):2033–2045, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Christodoulopoulos:2010:ORW

[CMV10] Konstantinos Christodoulopoulos, Konstantinos Manousakis, and Emmanouel Varvarigos. Offline routing and wavelength assignment in transparent WDM networks. *IEEE/ACM Transactions on Networking*, 18(5):1557–1570, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2008:CCE

[CN08] Reuven Cohen and Gabi Nakibly. On the computational complexity and effectiveness of N-hub shortest-path routing. *IEEE/ACM Transactions on Networking*, 16(3):691–704, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2009:TEA

[CN09] Reuven Cohen and Gabi Nakibly. A traffic engineering approach for placement and selection of network services. *IEEE/ACM Transactions on Networking*, 17(2):487–500, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Campos-Nanez:2010:DAA

[CN10a] Enrique Campos-Náñez. Decentralized algorithms for adaptive pricing in multiclass loss networks. *IEEE/ACM Transactions on Networking*, 18(3):830–843, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2010:MRT

[CN10b] Reuven Cohen and Gabi Nakibly. Maximizing restorable throughput in MPLS networks. *IEEE/ACM Transactions on Networking*, 18(2):568–581, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2016:RLT

[CN16] Reuven Cohen and Gabi Nakibly. Restorable logical topology in the face of no or partial traffic demand knowledge. *IEEE/ACM Transactions on Networking*, 24(4):2074–2085, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:2013:ADF

[CNP13] Reuven Cohen, Ilia Nudelman, and Gleb Polevoy. On the admission of dependent flows in powerful sensor networks. *IEEE/ACM Transactions on Networking*, 21(5):1461–1471, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Charikar:2004:ROQ

[CNS04] Moses Charikar, Joseph Naor, and Baruch Schieber. Resource optimization in QoS multicast routing of real-time multimedia. *IEEE/ACM Transactions on Networking*, 12(2):340–348, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:1994:SML

[CO94] Reuven Cohen and Yoram Ofek. Self-termination mechanism for label swapping routing. *IEEE/ACM Transactions on Networking*, 2(5):541–545, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p541-cohen/`.

Cobb:2002:PQS

[Cob02] Jorge Arturo Cobb. Preserving quality of service guarantees in spite of flow aggregation. *IEEE/ACM Transactions on Networking*, 10(1):43–53, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:1994:SSN

[Coh94] Reuven Cohen. "session swapping": a new approach for optimal bandwidth sharing of ring circuit switched channels. *IEEE/ACM Transactions on Networking*, 2(3):263–

268, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p263-cohen/.

Conway:2011:FSS

[Con11] Adrian E. Conway. Fast simulation of service availability in mesh networks with dynamic path restoration. *IEEE/ACM Transactions on Networking*, 19 (1):92–101, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:1995:NLS

[COS95] Reuven Cohen, Yoram Ofek, and Adrian Segall. A new label-based source routing for multi-ring networks. *IEEE/ACM Transactions on Networking*, 3 (3):320–328, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p320-cohen/.

Chan:1995:PSM

[CP95] Ming H. Chan and John P. Princen. Prioritized statistical multiplexing of PCM sources. *IEEE/ACM Transactions on Networking*, 3(5):549–559, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p549-chan/.

Chen:2015:EST

[CPGZ15] Xu Chen, Brian Proulx, Xiaowen Gong, and Junshan Zhang. Exploiting social ties for cooperative D2D communications: a mobile social networking case. *IEEE/ACM Transactions on Networking*, 23(5): 1471–1484, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chlamtac:1999:ECA

[CPR99] Imrich Chlamtac, Chiara Petrioli, and Jason Redi. Energy-conserving access protocols for identification networks. *IEEE/ACM Transactions on Networking*, 7(1):51–59, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p51-chlamtac/.

Chen:2012:UMP

[CPS+12] Minghua Chen, Miroslav Ponec, Sudipta Sengupta, Jin Li, and Philip A. Chou. Utility maximization in peer-to-peer sys-

tems with applications to video conferencing. *IEEE/ACM Transactions on Networking*, 20(6):1681–1694, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Clementi:2013:OMM

[CPS13] Andrea Clementi, Francesco Pasquale, and Riccardo Silvestri. Opportunistic MANETs: mobility can make up for low transmission power. *IEEE/ACM Transactions on Networking*, 21(2):610–620, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cohen:1996:STP

[CPSWL96] Reuven Cohen, Baiju V. Patel, Frank Schaffa, and Marc Willebeek-LeMair. The sink tree paradigm: connectionless traffic support on ATM LAN's. *IEEE/ACM Transactions on Networking*, 4(3):363–374, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p363-cohen/`.

Che:1998:ARM

[CqLL98] Hao Che, San qi Li, and Arthur Lin. Adaptive resource management for flow-based IP/ATM hybrid switching systems. *IEEE/ACM Transactions on Networking*, 6(5):544–557, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p544-che/`.

Cohen:1998:THP

[CR98] Reuven Cohen and Srinivas Ramanathan. TCP for high performance in hybrid fiber coaxial broadband access networks. *IEEE/ACM Transactions on Networking*, 6(1):15–29, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p15-cohen/`.

Chandra:1999:MOT

[CR99] Kavitha Chandra and Amy R. Reibman. Modeling one- and two-layer variable bit rate video. *IEEE/ACM Transactions on Networking*, 7(3):398–413, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p398-chandra/`.

Cohen:2014:CER

[CR14] Rami Cohen and Danny Raz. Cost-effective resource allocation of overlay routing relay nodes. *IEEE/ACM Transactions on Networking*, 22(2):636–646, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cardenas:2009:EDA

[CRB09] Alvaro A. Cárdenas, Svetlana Radosavac, and John S. Baras. Evaluation of detection algorithms for MAC layer misbehavior: theory and experiments. *IEEE/ACM Transactions on Networking*, 17(2):605–617, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chowdhury:2012:VVN

[CRB12] Mosharaf Chowdhury, Muntasir Raihan Rahman, and Raouf Boutaba. ViNEYard: virtual network embedding algorithms with coordinated node and link mapping. *IEEE/ACM Transactions on Networking*, 20(1):206–219, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2008:HTG

[CRD08] Bensong Chen, George N. Rouskas, and Rudra Dutta. On hierarchical traffic grooming in WDM networks. *IEEE/ACM Transactions on Networking*, 16(5):1226–1238, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Charny:1996:TSA

[CRL96] Anna Charny, K. K. Ramakrishnan, and Anthony Lauck. Time scale analysis scalability issues for explicit rate allocation in ATM networks. *IEEE/ACM Transactions on Networking*, 4(4):569–581, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p569-charny/`.

Cidon:1999:AMP

[CRS99] Israel Cidon, Raphael Rom, and Yuval Shavitt. Analysis of multi-path routing. *IEEE/ACM Transactions on Networking*, 7(6):885–896, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p885-cidon/`.

Checconi:2013:QEP

[CRV13] Fabio Checconi, Luigi

Rizzo, and Paolo Valente. QFQ: efficient packet scheduling with tight guarantees. *IEEE/ACM Transactions on Networking*, 21 (3):802–816, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Choe:1998:CAA

[CS98] Jinwoo Choe and Ness B. Shroff. A central-limit-theorem-based approach for analyzing queue behavior in high-speed networks. *IEEE/ACM Transactions on Networking*, 6(5):659–671, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p659-choe/`.

Capone:1999:DQR

[CS99a] Jeffrey M. Capone and Ioannis Stavrakakis. Delivering QoS requirements to traffic with diverse delay tolerances in a TDMA environment. *IEEE/ACM Transactions on Networking*, 7(1):75–87, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p75-capone/`.

Choi:1999:UCS

[CS99b] Sunghyun Choi and Kang G. Shin. An uplink CDMA system architecture with diverse QoS guarantees for heterogeneous traffic. *IEEE/ACM Transactions on Networking*, 7(5):616–628, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p616-choi/`.

Choi:2000:UWL

[CS00] Sunghyun Choi and Kang G. Shin. A unified wireless LAN architecture for real-time and non-real-time communication services. *IEEE/ACM Transactions on Networking*, 8(1):44–59, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p44-choi/`.

Chen:2014:SUD

[CS14] Kang Chen and Haiying Shen. SMART: utilizing distributed social map for lightweight routing in delay-tolerant networks. *IEEE/ACM Transactions on Networking*, 22(5):1545–1558, October 2014. CODEN IEANEP. ISSN 1063-

6692 (print), 1558-2566 (electronic).

Chen:2015:DFI

[CS15] Kang Chen and Haiying Shen. DTN-FLOW: inter-landmark data flow for high-throughput routing in DTNs. *IEEE/ACM Transactions on Networking*, 23(1):212–226, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:1994:ACP

[CSC94] Chung-Ju Chang, Tian-Tsair Su, and Yueh-Yiing Chiang. Analysis of a cut-off priority cellular radio system with finite queueing and reneging/dropping. *IEEE/ACM Transactions on Networking*, 2(2):166–175, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p166-chang/`.

Choi:2004:LRD

[CSC04] Hongsik Choi, Suresh Subramaniam, and Hyeong-Ah Choi. Loopback recovery from double-link failures in optical mesh networks. *IEEE/ACM Transactions on Networking*, 12 (6):1119–1130, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cocchi:1993:PCN

[CSEZ93] Ron Cocchi, Scott Shenker, Deborah Estrin, and Lixia Zhang. Pricing in computer networks: motivation, formulation, and example. *IEEE/ACM Transactions on Networking*, 1(6):614–627, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p614-cocchi/`.

Castro:2014:UTR

[CSG14] Ignacio Castro, Rade Stanojevic, and Sergey Gorinsky. Using tuangou to reduce IP transit costs. *IEEE/ACM Transactions on Networking*, 22(5):1415–1428, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2013:EGC

[CSLH13] Yeim-Kuan Chang, Cheng-Chien Su, Yung-Chieh Lin, and Sun-Yuan Hsieh. Efficient gray-code-based range encoding schemes for packet classification in TCAM. *IEEE/ACM Transactions on Networking*, 21(4):1201–1214, August 2013. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2002:IPG

[CSMW02] Xi-Ren Cao, Hong-Xia Shen, Rodolfo Milito, and Patrica Wirth. Internet pricing with a game theoretical approach: concepts and examples. *IEEE/ACM Transactions on Networking*, 10(2):208–216, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chou:2006:CBA

[CSN06] Chun-Ting Chou, Kang G. Shin, and Sai Shankar N. Contention-based airtime usage control in multi-rate IEEE 802.11 wireless LANs. *IEEE/ACM Transactions on Networking*, 14 (6):1179–1192, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chaporkar:2006:DQP

[CSS06] Prasanna Chaporkar, Saswati Sarkar, and Rahul Shetty. Dynamic quorum policy for maximizing throughput in limited information multi-party MAC. *IEEE/ACM Transactions on Networking*, 14(4):835–848, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2008:TTF

[CSS08] Shigang Chen, Meongchul Song, and Sartaj Sahni. Two techniques for fast computation of constrained shortest paths. *IEEE/ACM Transactions on Networking*, 16(1):105–115, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2014:OOS

[CSS+14] Kai Chen, Ankit Singla, Atul Singh, Kishore Ramachandran, Lei Xu, Yueping Zhang, Xitao Wen, and Yan Chen. OSA: an optical switching architecture for data center networks with unprecedented flexibility. *IEEE/ACM Transactions on Networking*, 22(2):498–511, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2014:SAO

[CSSJ14] Shengbo Chen, Prasun Sinha, Ness B. Shroff, and Changhee Joo. A simple asymptotically optimal joint energy allocation and routing scheme in rechargeable sensor networks. *IEEE/ACM Transactions on Networking*, 22(4):1325–1336, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:1995:PMA

[CT95] Xi-Ren Cao and Don Towsley. A performance model for ATM switches with general packet length distributions. *IEEE/ACM Transactions on Networking*, 3(3):299–309, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p299-cao/`.

Cruz:1996:CAA

[CT96] R. L. Cruz and Jung-Tsung Tsai. COD: alternative architectures for high speed packet switching. *IEEE/ACM Transactions on Networking*, 4(1):11–21, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p11-cruz/`.

Chan:2001:DSA

[CT01] S.-H Gary Chan and Fouad Tobagi. Distributed servers architecture for networked video services. *IEEE/ACM Transactions on Networking*, 9(2):125–136, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p125-chan/p125-chan.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p125-chan/`.

Chang:2004:MLR

[CT04a] Jae-Hwan Chang and Leandros Tassiulas. Maximum lifetime routing in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 12(4):609–619, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2004:HSS

[CT04b] Hsiao-Hwa Chen and Wee-Teck Tea. Hierarchy schedule-sensing protocol for CDMA wireless data-centric networks with multiple packet collision and capture effect. *IEEE/ACM Transactions on Networking*, 12(6):1036–1048, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheung:2000:DMR

[CTG00] Chi-Chung Cheung, Danny H. K. Tsang, and Sanjay Gupta. Dynamic multicast routing based on mean number of new calls accepted before blocking for single rate loss networks. *IEEE/ACM Transactions on Networking*, 8

(5):679–688, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p679-cheung/`.

Chen:2010:RNO

[CTH10] Irene Y. Chen, Li-Da Tong, and Yi-Ming Huang. Rearrangeable nonblocking optical interconnection network fabrics with crosstalk constraints. *IEEE/ACM Transactions on Networking*, 18(5):1413–1421, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cunha:2014:DSP

[CTVD14] Ítalo Cunha, Renata Teixeira, Darryl Veitch, and Christophe Diot. DTRACK: a system to predict and track Internet path changes. *IEEE/ACM Transactions on Networking*, 22(4):1025–1038, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chao:1995:AQM

[CU95a] H. Jonathan Chao and Necdet Uzun. An ATM queue manager handling multiple delay and loss priorities. *IEEE/ACM Transactions on Networking*, 3(6):652–659, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p652-chao/`.

Chen:1995:STS

[CU95b] Wen-Huei Chen and Hasan Ural. Synchronizable test sequences based on multiple UIO sequences. *IEEE/ACM Transactions on Networking*, 3(2):152–157, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p152-chen/`.

Chandranmenon:1996:TPH

[CV96] Girish P. Chandranmenon and George Varghese. Trading packet headers for packet processing. *IEEE/ACM Transactions on Networking*, 4(2):141–152, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p141-chandranmenon/`.

Charbonneau:2012:SRW

[CV12] Neal Charbonneau and Vinod M. Vokkarane. Static routing and wavelength assignment for multicast ad-

vance reservation in all-optical wavelength-routed WDM networks. *IEEE/ACM Transactions on Networking*, 20(1):1–14, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Clad:2015:CMU

[CVM+15] Francois Clad, Stefano Vissicchio, Pascal Mérindol, Pierre Francois, and Jean-Jacques Pansiot. Computing minimal update sequences for graceful router-wide reconfigurations. *IEEE/ACM Transactions on Networking*, 23(5):1373–1386, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chu:2010:OCS

[CW10] Shan Chu and Xin Wang. Opportunistic and cooperative spatial multiplexing in MIMO ad hoc networks. *IEEE/ACM Transactions on Networking*, 18(5):1610–1623, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Courcoubetis:2012:EIS

[CW12] Costas Courcoubetis and Richard Weber. Economic issues in shared infrastructures. *IEEE/ACM Transactions on Networking*, 20 (2):594–608, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chang:2016:TBM

[CW16] Dao-Yuan Chang and Pi-Chung Wang. TCAM-based multi-match packet classification using multi-dimensional rule layering. *IEEE/ACM Transactions on Networking*, 24(2):1125–1138, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cai:2014:SPT

[CWGT14] Yan Cai, Xiaolin Wang, Weibo Gong, and Don Towsley. A study on the performance of a three-stage load-balancing switch. *IEEE/ACM Transactions on Networking*, 22 (1):52–65, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Clark:2005:TCD

[CWSB05] David D. Clark, John Wroclawski, Karen R. Sollins, and Robert Braden. Tussle in cyberspace: defining tomorrow's Internet. *IEEE/ACM Transactions on Networking*, 13(3):462–475, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cui:2015:FFC

[CWW+15] Yong Cui, Lian Wang, Xin Wang, Hongyi Wang, and Yining Wang. FMTCP: a fountain code-based multipath transmission control protocol. *IEEE/ACM Transactions on Networking*, 23(2):465–478, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Camtepe:2007:CDK

[ÇY07] Seyit A. Çamtepe and Bülent Yener. Combinatorial design of key distribution mechanisms for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 15(2):346–358, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cho:2014:PMP

[CY14] Jeong-Woo Cho and Yung Yi. On the payoff mechanisms in peer-assisted services with multiple content providers: rationality and fairness. *IEEE/ACM Transactions on Networking*, 22(3):731–744, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2014:RSR

[CYG+14] Chao-Chih Chen, Lihua Yuan, Albert Greenberg, Chen-Nee Chuah, and Prasant Mohapatra. Routing-as-a-service (RaaS): a framework for tenant-directed route control in data center. *IEEE/ACM Transactions on Networking*, 22(5):1401–1414, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2009:ORR

[CYK09] Bow-Nan Cheng, Murat Yuksel, and Shivkumar Kalyanaraman. Orthogonal rendezvous routing protocol for wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17 (2):542–555, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cui:2016:EDP

[CYL16] Ying Cui, Edmund M. Yeh, and Ran Liu. Enhancing the delay performance of dynamic backpressure algorithms. *IEEE/ACM Transactions on Networking*, 24 (2):954–967, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2006:DIS

[CZ06] Yu Cheng and Weihua Zhuang. Dynamic inter-SLA resource sharing in path-oriented differentiated

services networks. *IEEE/ACM Transactions on Networking*, 14(3):657–670, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2012:BRU

[CZ12] Lili Cao and Haitao Zheng. Balancing reliability and utilization in dynamic spectrum access. *IEEE/ACM Transactions on Networking*, 20(3):651–661, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cheng:2013:TBE

[CZC+13] Wei Cheng, Nan Zhang, Xiuzhen Cheng, Min Song, and Dechang Chen. Time-bounded essential localization for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 21 (2):400–412, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2014:PME

[CZCC14] Yishuai Chen, Baoxian Zhang, Changjia Chen, and Dah Ming Chiu. Performance modeling and evaluation of peer-to-peer live streaming systems under flash crowds. *IEEE/ACM Transactions on Networking*, 22(4):1106–1120, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Cao:2016:OSC

[CZF+16] Xuanyu Cao, Jinbei Zhang, Luoyi Fu, Weijie Wu, and Xinbing Wang. Optimal secrecy capacity-delay tradeoff in large-scale mobile ad hoc networks. *IEEE/ACM Transactions on Networking*, 24(2):1139–1152, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chlamtac:1998:DAE

[CZFF98] Imrich Chlamtac, Hongbiao Zhang, András Faragó, and Andrea Fumagalli. A deterministic approach to the end-to-end analysis of packet flows in connection-oriented networks. *IEEE/ACM Transactions on Networking*, 6(4):422–431, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p422-chlamtac/`.

Chen:2014:EDC

[CZM14] Shaxun Chen, Kai Zeng, and Prasant Mohapatra. Efficient data capturing for network forensics in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 22(6):1988–2000, December 2014. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chen:2012:EEE

[CZZY12] Binbin Chen, Ziling Zhou, Yuda Zhao, and Haifeng Yu. Efficient error estimating coding: feasibility and applications. *IEEE/ACM Transactions on Networking*, 20(1):29–44, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

delAngel:2004:OPR

[dAF04] Guillermo del Angel and Terrence L. Fine. Optimal power and retransmission control policies for random access systems. *IEEE/ACM Transactions on Networking*, 12(6):1156–1166, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Develder:2014:JDS

[DBDJ14] Chris Develder, Jens Buysse, Bart Dhoedt, and Brigitte Jaumard. Joint dimensioning of server and network infrastructure for resilient optical grids/clouds. *IEEE/ACM Transactions on Networking*, 22(5):1591–1606, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffy:2013:DCS

[DBL13] Ken R. Duffy, Charles Bordenave, and Douglas J. Leith. Decentralized constraint satisfaction. *IEEE/ACM Transactions on Networking*, 21(4):1298–1308, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dousse:2005:IIC

[DBT05] Olivier Dousse, François Baccelli, and Patrick Thiran. Impact of interferences on connectivity in ad hoc networks. *IEEE/ACM Transactions on Networking*, 13(2):425–436, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dan:2013:CDP

[DC13] György Dán and Niklas Carlsson. Centralized and distributed protocols for tracker-based dynamic swarm management. *IEEE/ACM Transactions on Networking*, 21(1):297–310, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dahlin:2003:EEW

[DCGN03] Michael Dahlin, Bharat Baddepudi V. Chandra, Lei Gao, and Amol Nayate. End-to-end WAN service

availability. *IEEE/ACM Transactions on Networking*, 11(2):300–313, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dhamdhere:2011:TYE

[DD11] Amogh Dhamdhere and Constantine Dovrolis. Twelve years in the evolution of the Internet ecosystem. *IEEE/ACM Transactions on Networking*, 19(5):1420–1433, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Decasper:2000:RPS

[DDPP00] Dan Decasper, Zubin Dittia, Guru Parulkar, and Bernhard Plattner. Router plugins: a software architecture for next-generation routers. *IEEE/ACM Transactions on Networking*, 8(1):2–15, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p2-decasper/`.

Deering:1996:PAW

[DEF+96] Stephen Deering, Deborah L. Estrin, Dino Farinacci, Van Jacobson, Ching-Gung Liu, and Liming Wei. The PIM architecture for wide-area multicast routing. *IEEE/ACM Transactions on Networking*, 4(2):153–162, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p153-deering/`.

DiBattista:2007:CTR

[DEH+07] Giuseppe Di Battista, Thomas Erlebach, Alexander Hall, Maurizio Patrignani, Maurizio Pizzonia, and Thomas Schank. Computing the types of the relationships between autonomous systems. *IEEE/ACM Transactions on Networking*, 15(2):267–280, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dubois-Ferriere:2011:VDL

[DFGV11] Henri Dubois-Ferrière, Matthias Grossglauser, and Martin Vetterli. Valuable detours: least-cost anypath routing. *IEEE/ACM Transactions on Networking*, 19(2):333–346, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

DellAmico:2015:UAP

[DFMR15] Matteo Dell'Amico, Maurizio Filippone, Pietro Michiardi, and Yves Roudier.

On user availability prediction and network applications. *IEEE/ACM Transactions on Networking*, 23(4):1300–1313, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dousse:2006:TSW

[DFT06] Olivier Dousse, Massimo Franceschetti, and Patrick Thiran. On the throughput scaling of wireless relay networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2756–2761, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

dHalluin:2002:MCT

[dFV02] Yann d'Halluin, Peter A. Forsyth, and Kenneth R. Vetzal. Managing capacity for telecommunications networks under uncertainty. *IEEE/ACM Transactions on Networking*, 10 (4):579–587, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dougherty:2006:UNC

[DFZ06] Randall Dougherty, Chris Freiling, and Kenneth Zeger. Unachievability of network coding capacity. *IEEE/ACM Transactions on Networking*, 14 (SI):2365–2372, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2001:TSD

[DG01] N. G. Duffield and Matthias Grossglauser. Trajectory sampling for direct traffic observation. *IEEE/ACM Transactions on Networking*, 9(3):280–292, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2008:TSU

[DG08] Nick Duffield and Matthias Grossglauser. Trajectory sampling with unreliable reporting. *IEEE/ACM Transactions on Networking*, 16(1):37–50, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2002:RMH

[DGG+02] N. G. Duffield, Pawan Goyal, Albert Greenberg, Partho Mishra, K. K. Ramakrishnan, and Jacobus E. van der Merwe. Resource management with hoses: point-to-cloud services for virtual private networks. *IEEE/ACM Transactions on Networking*, 10 (5):679–692, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Deb:2005:RAB

[DGK05] Supratim Deb, Ayalvadi Ganesh, and Peter Key. Resource allocation between persistent and transient flows. *IEEE/ACM Transactions on Networking*, 13 (2):302–315, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Donvito:2016:NNM

[DGLM16] Lidia Donvito, Laura Galluccio, Alfio Lombardo, and Giacomo Morabito. μ-NET: a network for molecular biology applications in microfluidic chips. *IEEE/ACM Transactions on Networking*, 24(4):2525–2538, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dhaini:2014:EET

[DHSS14] Ahmad R. Dhaini, Pin-Han Ho, Gangxiang Shen, and Basem Shihada. Energy efficiency in TDMA-based next-generation passive optical access networks. *IEEE/ACM Transactions on Networking*, 22 (3):850–863, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

DiPalantino:2012:TES

[DJ12] Dominic DiPalantino and Ramesh Johari. Traffic engineering with semi-autonomous users: a game-theoretic perspective. *IEEE/ACM Transactions on Networking*, 20(6):1938–1949, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dhanapala:2014:TPM

[DJ14] Dulanjalie C. Dhanapala and Anura P. Jayasumana. Topology preserving maps: extracting layout maps of wireless sensor networks from virtual coordinates. *IEEE/ACM Transactions on Networking*, 22(3):784–797, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dai:2016:IST

[DJ16] Wei Dai and Scott Jordan. ISP service tier design. *IEEE/ACM Transactions on Networking*, 24 (3):1434–1447, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dziong:1997:FBM

[DJM97] Zbigniew Dziong, Marek Juda, and Lorne G. Mason. A framework for bandwidth management in ATM networks — aggregate equivalent bandwidth estimation approach. *IEEE/ACM Transactions on*

Networking, 5(1):134–147, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p134-dziong/.

Dixit:1998:TDM

[DK98] Sudhir S. Dixit and Sharad Kumar. Traffic descriptor mapping and traffic control for frame relay over ATM network. *IEEE/ACM Transactions on Networking*, 6(1):56–70, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p56-dixit/.

Dainotti:2015:ASS

[DKC+15] Alberto Dainotti, Alistair King, Kimberly Claffy, Ferdinando Papale, and Antonio Pescapé. Analysis of a "/0" stealth scan from a botnet. *IEEE/ACM Transactions on Networking*, 23 (2):341–354, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

deVeciana:2001:SPA

[DKL01] Gustavo De Veciana, Takis Konstantopoulos, and Tae-Jin Lee. Stability and performance analysis of networks supporting elastic services. *IEEE/ACM Transactions on Networking*, 9(1):2–14, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p2-de_veciana/p2-de_veciana.pdf; http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p2-de_veciana/; http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p2-de_veciana/.

Doeringer:1996:RLP

[DKN96] Willibald Doeringer, Günter Karjoth, and Mehdi Nassehi. Routing on longest-matching prefixes. *IEEE/ACM Transactions on Networking*, 4(1):86–97, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p86-doeringer/. See corrections [DKN97].

Doeringer:1997:CRL

[DKN97] Willibald Doeringer, Günter Karjoth, and Mehdi Nassehi. Corrections to "Routing on longest-matching prefixes". *IEEE/ACM Transactions on Networking*, 5(4):600, August 1997. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p600-doeringer/`. See [DKN96].

Dharmapurikar:2006:LPM

[DKT06] Sarang Dharmapurikar, Praveen Krishnamurthy, and David E. Taylor. Longest prefix matching using Bloom filters. *IEEE/ACM Transactions on Networking*, 14(2):397–409, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2004:NTM

[DL04] N. G. Duffield and Francesco Lo Presti. Network tomography from measured end-to-end delay covariance. *IEEE/ACM Transactions on Networking*, 12(6): 978–992, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dong:2014:MAP

[DLH+14] Wei Dong, Yunhao Liu, Yuan He, Tong Zhu, and Chun Chen. Measurement and analysis on the packet delivery performance in a large-scale sensor network. *IEEE/ACM Transactions on Networking*, 22(6):1952–1963, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dong:2011:TDW

[DLL+11] Dezun Dong, Mo Li, Yunhao Liu, Xiang-Yang Li, and Xiangke Liao. Topological detection on wormholes in wireless ad hoc and sensor networks. *IEEE/ACM Transactions on Networking*, 19(6):1787–1796, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Du:2016:RDE

[DLLL16] Wan Du, Zhenjiang Li, Jansen Christian Liando, and Mo Li. From rateless to distanceless: Enabling sparse sensor network deployment in large areas. *IEEE/ACM Transactions on Networking*, 24(4):2498–2511, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2006:NLT

[DLPT06] Nick Duffield, Francesco Lo Presti, Vern Paxson, and Don Towsley. Network loss tomography using striped unicast probes. *IEEE/ACM Transactions on Networking*, 14(4):697–710, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:2005:EFD

[DLT05] Nick Duffield, Carsten Lund, and Mikkel Thorup. Estimating flow distributions from sampled flow statistics. *IEEE/ACM Transactions on Networking*, 13(5):933–946, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Du:2015:RNP

[DLT+15] Wei Du, Yongjun Liao, Narisu Tao, Pierre Geurts, Xiaoming Fu, and Guy Leduc. Rating network paths for locality-aware overlay construction and routing. *IEEE/ACM Transactions on Networking*, 23(5):1661–1673, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Daly:2016:DRA

[DLT16] James Daly, Alex X. Liu, and Eric Torng. A difference resolution approach to compressing access control lists. *IEEE/ACM Transactions on Networking*, 24(1): 610–623, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

DAmbrosio:1995:ELB

[DM95] Matteo D'Ambrosio and Riccardo Melen. Evaluating the limit behavior of the ATM traffic within a network. *IEEE/ACM Transactions on Networking*, 3(6):832–841, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p832-d_ambrosio/`.

Dziong:1996:FCA

[DM96] Zbigniew Dziong and Lorne G. Mason. Fair-efficient call admission control policies for broadband networks — a game theoretic framework. *IEEE/ACM Transactions on Networking*, 4(1):123–136, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p123-dziong/`.

Daigle:2003:APN

[DM03] John N. Daigle and Marcos Nascimento Magalhães. Analysis of packet networks having contention-based reservation with application to GPRS. *IEEE/ACM Transactions on Networking*, 11(4):602–615, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

DeCicco:2014:AVS

[DM14] Luca De Cicco and Saverio Mascolo. An adaptive video streaming control system: modeling, validation, and performance evaluation. *IEEE/ACM Transactions on Networking*, 22(2):526–539, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Deb:2015:LBU

[DM15] Supratim Deb and Pantelis Monogioudis. Learning-based uplink interference management in 4G LTE cellular systems. *IEEE/ACM Transactions on Networking*, 23(2):398–411, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dimitrijevic:1994:RMN

[DMB94] Dragomir D. Dimitrijevic, Basil Maglaris, and Robert R. Boorstyn. Routing in multidomain networks. *IEEE/ACM Transactions on Networking*, 2 (3):252–262, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p252-dimitrijevic/`.

Deb:2006:AGN

[DMC06] Supratim Deb, Muriel Médard, and Clifford Choute. Algebraic gossip: a network coding approach to optimal multiple rumor mongering. *IEEE/ACM Transactions on Networking*, 14 (SI):2486–2507, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dasylva:2005:OOC

[DMK05] Abel Dasylva, Delfin Y. Montuno, and Prasad Kodaypak. Optimization of optical cross-connects with wave-mixing conversion. *IEEE/ACM Transactions on Networking*, 13(2):448–458, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Deb:2014:AEI

[DMMS14] Supratim Deb, Pantelis Monogioudis, Jerzy Miernik, and James P. Seymour. Algorithms for enhanced inter-Cell interference coordination (eICIC) in LTE HetNets. *IEEE/ACM Transactions on Networking*, 22(1):137–150, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dolev:2006:MTS

[DMS06] Danny Dolev, Osnat Mokryn, and Yuval Shavitt. On multicast trees: structure and size estimation. *IEEE/ACM Transactions on Networking*, 14(3):557–567, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

deOliveira:2004:NPP

[dOSAU04] Jaudelice C. de Oliveira, Caterina Scoglio, Ian F. Akyildiz, and George Uhl. New preemption policies for DiffServ-aware traffic engineering to minimize rerouting in MPLS networks. *IEEE/ACM Transactions on Networking*, 12 (4):733–745, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Das:2011:SPS

[DPBT11] Saumitra Das, Konstantina Papagiannaki, Suman Banerjee, and Y. C. Tay. SWARM: the power of structure in community wireless mesh networks. *IEEE/ACM Transactions on Networking*, 19(3):760–773, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Drugan:2011:DCS

[DPMK11] Ovidiu Valentin Drugan, Thomas Plagemann, and Ellen Munthe-Kaas. Detecting communities in sparse MANETs. *IEEE/ACM Transactions on Networking*, 19(5):1434–1447, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dimakis:2006:DEC

[DPR06] Alexandros G. Dimakis, Vinod Prabhakaran, and Kannan Ramchandran. Decentralized erasure codes for distributed networked storage. *IEEE/ACM Transactions on Networking*, 14(SI):2809–2816, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dong:2014:IID

[DRJ+14] Wei Dong, Swati Rallapalli, Rittwik Jana, Lili Qiu, K. K. Ramakrishnan, Leo Razoumov, Yin Zhang, and Tae Won Cho. iDEAL: incentivized dynamic cellular offloading via auctions. *IEEE/ACM Transactions on Networking*, 22(4):1271–1284, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dovrolis:2004:PDT

[DRM04] Constantinos Dovrolis, Parameswaran Ramanathan, and David Moore. Packet-dispersion techniques and a capacity-

estimation methodology. *IEEE/ACM Transactions on Networking*, 12(6):963–977, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dong:2016:DAD

[DRQ+16] Wei Dong, Swati Rallapalli, Lili Qiu, K. K. Ramakrishnan, and Yin Zhang. Double auctions for dynamic spectrum allocation. *IEEE/ACM Transactions on Networking*, 24(4): 2485–2497, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duffield:1998:SAS

[DRR98] N. G. Duffield, K. K. Ramakrishnan, and Amy R. Reibman. SAVE: an algorithm for smoothed adaptive video over explicit rate networks. *IEEE/ACM Transactions on Networking*, 6(6):717–728, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p717-duffield/`.

Dasylva:1999:OWS

[DS99] Abel Dasylva and R. Srikant. Optimal WDM schedules for optical star networks. *IEEE/ACM Transactions on Networking*, 7(3):446–456, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p446-dasylva/`.

Deb:2004:CCF

[DS04] Supratim Deb and R. Srikant. Congestion control for fair resource allocation in networks with multicast flows. *IEEE/ACM Transactions on Networking*, 12(2):274–285, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dainotti:2014:ACW

[DSA+14] Alberto Dainotti, Claudio Squarcella, Emile Aben, Kimberly C. Claffy, Marco Chiesa, Michele Russo, and Antonio Pescapé. Analysis of country-wide Internet outages caused by censorship. *IEEE/ACM Transactions on Networking*, 22(6): 1964–1977, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Silva:1995:PSS

[dSeSGM95] Edmundo de Souza e. Silva, H. Richard Gail, and Richard R. Muntz. Polling systems with server timeouts and their application to token pass-

ing networks. *IEEE/ACM Transactions on Networking*, 3(5):560–575, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p560-de_souza_e_silva/`.

Dovrolis:2002:PDS

[DSR02] Constantinos Dovrolis, Dimitrios Stiliadis, and Parameswaran Ramanathan. Proportional differentiated services: delay differentiation and packet scheduling. *IEEE/ACM Transactions on Networking*, 10 (1):12–26, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dikbiyik:2012:EEC

[DSTM12] Ferhat Dikbiyik, Laxman Sahasrabuddhe, Massimo Tornatore, and Biswanath Mukherjee. Exploiting excess capacity to improve robustness of WDM mesh networks. *IEEE/ACM Transactions on Networking*, 20(1):114–124, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Devetsikiotis:1993:SOD

[DT93] Michael Devetsikiotis and J. Keith Townsend. Statistical optimization of dynamic importance sampling parameters for efficient simulation of communication networks. *IEEE/ACM Transactions on Networking*, 1(3):293–305, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p293-devetsikiotis/`.

Dinh:2015:NUJ

[DT15] Thang N. Dinh and My T. Thai. Network under joint node and link attacks: vulnerability assessment methods and analysis. *IEEE/ACM Transactions on Networking*, 23(3):1001–1011, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dikbiyik:2015:EEC

[DTM15] Ferhat Dikbiyik, Massimo Tornatore, and Biswanath Mukherjee. Exploiting excess capacity, part II: differentiated services under traffic growth. *IEEE/ACM Transactions on Networking*, 23(5):1599–1609, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Djukic:2009:DAL

[DV09] Petar Djukic and Shahrokh Valaee. Delay aware link scheduling for multi-hop TDMA wireless networks. *IEEE/ACM Transactions on Networking*, 17(3):870–883, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Damjanovic:2011:ETS

[DW11] Dragana Damjanovic and Michael Welzl. An extension of the TCP steady-state throughput equation for parallel flows and its application in MulTFRC. *IEEE/ACM Transactions on Networking*, 19(6):1676–1689, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dinh:2012:NAA

[DXT+12] Thang N. Dinh, Ying Xuan, My T. Thai, Panos M. Pardalos, and Taieb Znati. On new approaches of assessing network vulnerability: hardness and approximation. *IEEE/ACM Transactions on Networking*, 20(2):609–619, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Deng:2013:FPH

[DYH13] Xi Deng, Yuanyuan Yang, and Sangjin Hong. A flexible platform for hardware-aware network experiments and a case study on wireless network coding. *IEEE/ACM Transactions on Networking*, 21(1):149–161, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dong:2016:ART

[DYW+16] Wei Dong, Jie Yu, Jiliang Wang, Xuefeng Zhang, Yi Gao, Chun Chen, and Jiajun Bu. Accurate and robust time reconstruction for deployed sensor networks. *IEEE/ACM Transactions on Networking*, 24(4):2372–2385, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ding:2012:MVD

[DYX12] Yong Ding, Yang Yang, and Li Xiao. Multisource video on-demand streaming in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 20 (6):1800–1813, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Duan:2003:SON

[DZH03] Zhenhai Duan, Zhi-Li Zhang, and Yiwei Thomas Hou. Service overlay networks: SLAs, QoS, and bandwidth provisioning.

IEEE/ACM Transactions on Networking, 11(6):870–883, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Dinh:2014:CEV

[DZNT14] Thang N. Dinh, Huiyuan Zhang, Dzung T. Nguyen, and My T. Thai. Cost-effective viral marketing for time-critical campaigns in large-scale social networks. *IEEE/ACM Transactions on Networking*, 22(6):2001–2011, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ekici:2001:DRA

[EAB01] Eylem Ekici, Ian F. Akyildiz, and Michael D. Bender. A distributed routing algorithm for datagram traffic in LEO satellite networks. *IEEE/ACM Transactions on Networking*, 9 (2):137–147, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p137-ekici/p137-ekici.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p137-ekici/`.

Ekici:2002:MRA

[EAB02] Eylem Ekici, Ian F. Akyildiz, and Michael D. Bender. A multicast routing algorithm for LEO satellite IP networks. *IEEE/ACM Transactions on Networking*, 10(2):183–192, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Elmeleegy:2009:UME

[ECN09] Khaled Elmeleegy, Alan L. Cox, and T. S. Eugene Ng. Understanding and mitigating the effects of count to infinity in Ethernet networks. *IEEE/ACM Transactions on Networking*, 17(1):186–199, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eriksson:2012:ENT

[EDBN12] Brian Eriksson, Gautam Dasarathy, Paul Barford, and Robert Nowak. Efficient network tomography for Internet topology discovery. *IEEE/ACM Transactions on Networking*, 20 (3):931–943, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Esposito:2016:DVN

[EDM16] Flavio Esposito, Donato Di Paola, and Ibrahim Matta. On distributed virtual network embedding with guarantees. *IEEE/ACM Transactions on Networking*,

24(1):569–582, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Elayoubi:2008:PEA

[EF08] Salah-Eddine Elayoubi and Benoît Fourestié. Performance evaluation of admission control and adaptive modulation in OFDMA WiMax systems. *IEEE/ACM Transactions on Networking*, 16(5):1200–1211, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eriksson:2007:DDA

[EFK07] Jakob Eriksson, Michalis Faloutsos, and Srikanth V. Krishnamurthy. DART: dynamic address routing for scalable ad hoc and mesh networks. *IEEE/ACM Transactions on Networking*, 15(1):119–132, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Elhawary:2011:EEP

[EH11] Mohamed Elhawary and Zygmunt J. Haas. Energy-efficient protocol for cooperative networks. *IEEE/ACM Transactions on Networking*, 19(2):561–574, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eshete:2014:TBC

[EJ14] Addisu Tadesse Eshete and Yuming Jiang. On the transient behavior of CHOKe. *IEEE/ACM Transactions on Networking*, 22(3):875–888, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Elmokashfi:2012:BCE

[EKD12] Ahmed Elmokashfi, Amund Kvalbein, and Constantine Dovrolis. BGP churn evolution: a perspective from the core. *IEEE/ACM Transactions on Networking*, 20 (2):571–584, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eshghi:2016:OPC

[EKSV16] Soheil Eshghi, M. H. R. Khouzani, Saswati Sarkar, and Santosh S. Venkatesh. Optimal patching in clustered malware epidemics. *IEEE/ACM Transactions on Networking*, 24(1):283–298, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

ElRakabawy:2011:PAP

[EL11] Sherif M. ElRakabawy and Christoph Lindemann. A practical adaptive pacing

scheme for TCP in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 19(4):975–988, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Elwalid:1993:EBG

[EM93] Anwar I. Elwalid and Debasis Mitra. Effective bandwidth of general Markovian traffic sources and admission control of high speed networks. *IEEE/ACM Transactions on Networking*, 1(3):329–343, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p329-elwalid/`.

Eshoul:2009:SAU

[EM09] Abdelhamid E. Eshoul and Hussein T. Mouftah. Survivability approaches using p-cycles in WDM mesh networks under static traffic. *IEEE/ACM Transactions on Networking*, 17(2):671–683, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eswaran:2012:CTU

[EML12] Sharanya Eswaran, Archan Misra, and Thomas F. La Porta. Control-theoretic utility maximization in multihop wireless networks under mission dynamics. *IEEE/ACM Transactions on Networking*, 20(4):1082–1095, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

ElGamal:2006:OTD

[EMPS06] Abbas El Gamal, James Mammen, Balaji Prabhakar, and Devavrat Shah. Optimal throughput-delay scaling in wireless networks: part I: the fluid model. *IEEE/ACM Transactions on Networking*, 14(SI):2568–2592, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Erramilli:1996:EQA

[ENW96] Ashok Erramilli, Onuttom Narayan, and Walter Willinger. Experimental queueing analysis with long-range dependent packet traffic. *IEEE/ACM Transactions on Networking*, 4(2):209–223, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p209-erramilli/`.

Eryilmaz:2010:DCL

[EOSM10] Atilla Eryilmaz, Asuman

Ozdaglar, Devavrat Shah, and Eytan Modiano. Distributed cross-layer algorithms for the optimal control of multihop wireless networks. *IEEE/ACM Transactions on Networking*, 18(2):638–651, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Esposito:2014:RTE

[EPB14] Christian Esposito, Marco Platania, and Roberto Beraldi. Reliable and timely event notification for publish/subscribe services over the Internet. *IEEE/ACM Transactions on Networking*, 22(1):230–243, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Escobar:1994:FSP

[EPD94] Julio Escobar, Craig Partridge, and Debra Deutsch. Flow synchronization protocol. *IEEE/ACM Transactions on Networking*, 2 (2):111–121, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p111-escobar/`.

Elbaum:1996:TDL

[ES96] Reuven Elbaum and Moshe Sidi. Topological design of local-area networks using genetic algorithms. *IEEE/ACM Transactions on Networking*, 4(5):766–778, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p766-elbaum/`.

Eun:2003:MAA

[ES03] Do Young Eun and Ness B. Shroff. A measurement-analytic approach for QoS estimation in a network based on the dominant time scale. *IEEE/ACM Transactions on Networking*, 11 (2):222–235, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eun:2005:NDT

[ES05] Do Young Eun and Ness B. Shroff. Network decomposition: theory and practice. *IEEE/ACM Transactions on Networking*, 13(3): 526–539, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eryilmaz:2007:FRA

[ES07] Atilla Eryilmaz and R. Srikant. Fair resource allocation in wireless networks using queue-length-based scheduling and congestion control. *IEEE/ACM Transac-*

tions on Networking, 15(6): 1333–1344, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

ElRouayheb:2011:RNC

[ESG11] Salim El Rouayheb, Alex Sprintson, and Costas Georghiades. Robust network codes for unicast connections: a case study. *IEEE/ACM Transactions on Networking*, 19(3):644–656, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eryilmaz:2005:SSP

[ESP05] Atilla Eryilmaz, R. Srikant, and James R. Perkins. Stable scheduling policies for fading wireless channels. *IEEE/ACM Transactions on Networking*, 13(2):411–424, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Estrin:1993:PRE

[EST93] Deborah Estrin, Martha Steenstrup, and Gene Tsudik. A protocol for route establishment and packet forwarding across multidomain Internets. *IEEE/ACM Transactions on Networking*, 1(1):56–70, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p56-estrin/`.

Estan:2006:BAC

[EVF06] Cristian Estan, George Varghese, and Michael Fisk. Bitmap algorithms for counting active flows on high-speed links. *IEEE/ACM Transactions on Networking*, 14(5):925–937, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Eun:2008:ATT

[EW08] Do Young Eun and Xinbing Wang. Achieving 100% throughput in TCP/AQM under aggressive packet marking with small buffer. *IEEE/ACM Transactions on Networking*, 16(4):945–956, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Francois:2012:FCP

[FAB12] Jérôme François, Issam Aib, and Raouf Boutaba. FireCol: a collaborative protection network for the detection of flooding DDoS attacks. *IEEE/ACM Transactions on Networking*, 20(6):1828–1841, December 2012. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Fang:2005:MPA

[Fan05] Yuguang Fang. Modeling and performance analysis for wireless mobile networks: a new analytical approach. *IEEE/ACM Transactions on Networking*, 13(5):989–1002, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Farkas:1995:CWS

[Far95] Peter Farkaš. Comments on "Weighted sum codes for error detection and their comparison with existing codes". *IEEE/ACM Transactions on Networking*, 3(2):222–223, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p222-farkas/`. See [McA94].

Francois:2007:ATL

[FB07] Pierre François and Olivier Bonaventure. Avoiding transient loops during the convergence of link-state routing protocols. *IEEE/ACM Transactions on Networking*, 15(6):1280–1292, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Felstaine:1999:DRC

[FC99] Eyal Felstaine and Reuven Cohen. On the distribution of routing computation in hierarchical ATM networks. *IEEE/ACM Transactions on Networking*, 7(6):906–916, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p906-felstaine/`.

Fan:2006:TTS

[FCA+06] Xingzhe Fan, Kartikeya Chandrayana, Murat Arcak, Shivkumar Kalyanaraman, and John Ting-Yung Wen. A two-time-scale design for edge-based detection and rectification of uncooperative flows. *IEEE/ACM Transactions on Networking*, 14(6):1313–1322, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fan:2000:SCS

[FCAB00] Li Fan, Pei Cao, Jussara Almeida, and Andrei Z. Broder. Summary cache: a scalable wide-area Web cache sharing protocol. *IEEE/ACM Transactions on Networking*, 8(3):

281–293, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p281-fan/.

Fang:1997:MPN

[FCL97] Yuguang Fang, Imrich Chlamtac, and Yi-Bing Lin. Modeling PCS networks under general call holding time and cell residence time distributions. *IEEE/ACM Transactions on Networking*, 5(6):893–906, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p893-fang/.

Fumagalli:2003:ODS

[FCT03] Andrea Fumagalli, Isabella Cerutti, and Marco Tacca. Optimal design of survivable mesh networks based on line switched WDM self-healing rings. *IEEE/ACM Transactions on Networking*, 11(3):501–512, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ficara:2010:ECB

[FDG+10] Domenico Ficara, Andrea Di Pietro, Stefano Giordano, Gregorio Procissi, and Fabio Vitucci. Enhancing counting bloom filters through Huffman-coded multilayer structures. *IEEE/ACM Transactions on Networking*, 18 (6):1977–1987, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ficara:2011:DED

[FDG+11] Domenico Ficara, Andrea Di Pietro, Stefano Giordano, Gregorio Procissi, Fabio Vitucci, and Gianni Antichi. Differential encoding of DFAs for fast regular expression matching. *IEEE/ACM Transactions on Networking*, 19(3): 683–694, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Filippini:2013:NOR

[FEC13] Ilario Filippini, Eylem Ekici, and Matteo Cesana. A new outlook on routing in cognitive radio networks: minimum-maintenance-cost routing. *IEEE/ACM Transactions on Networking*, 21(5):1484–1498, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Feldmeier:1995:FSI

[Fel95] David C. Feldmeier. Fast software implementation

of error detection codes. *IEEE/ACM Transactions on Networking*, 3(6):640–651, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p640-feldmeier/`.

Floyd:1999:PUE

[FF99] Sally Floyd and Kevin Fall. Promoting the use of end-to-end congestion control in the Internet. *IEEE/ACM Transactions on Networking*, 7(4):458–472, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p458-floyd/`.

Fashandi:2010:PDP

[FGK10] Shervan Fashandi, Shahab Oveis Gharan, and Amir K. Khandani. Path diversity over packet switched networks: performance analysis and rate allocation. *IEEE/ACM Transactions on Networking*, 18(5):1373–1386, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Feldmann:2001:DTD

[FGL+01] Anja Feldmann, Albert Greenberg, Carsten Lund, Nick Reingold, Jennifer Rexford, and Fred True. Deriving traffic demands for operational IP networks: methodology and experience. *IEEE/ACM Transactions on Networking*, 9(3):265–280, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fogue:2013:ASB

[FGM+13] Manuel Fogue, Piedad Garrido, Francisco J. Martinez, Juan-Carlos Cano, Carlos T. Calafate, and Pietro Manzoni. An adaptive system based on roadmap profiling to enhance warning message dissemination in VANETs. *IEEE/ACM Transactions on Networking*, 21(3):883–895, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fan:2010:PSN

[FHH10] Chun-I Fan, Pei-Hsiu Ho, and Ruei-Hau Hsu. Provably secure nested one-time secret mechanisms for fast mutual authentication and key exchange in mobile communications. *IEEE/ACM Transactions on Networking*, 18(3):996–1009, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Freris:2013:DAS

[FHSZ13] Nikolaos M. Freris, Cheng-Hsin Hsu, Jatinder Pal Singh, and Xiaoqing Zhu. Distortion-aware scalable video streaming to multi-network clients. *IEEE/ACM Transactions on Networking*, 21(2):469–481, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fay:2010:WSD

[FHT+10] Damien Fay, Hamed Haddadi, Andrew Thomason, Andrew W. Moore, Richard Mortier, Almerima Jamakovic, Steve Uhlig, and Miguel Rio. Weighted spectral distribution for Internet topology analysis: theory and applications. *IEEE/ACM Transactions on Networking*, 18(1):164–176, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Floyd:1993:RED

[FJ93] Sally Floyd and Van Jacobson. Random early detection gateways for congestion avoidance. *IEEE/ACM Transactions on Networking*, 1(4):397–413, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p397-floyd/`.

Floyd:1994:SPR

[FJ94] Sally Floyd and Van Jacobson. The synchronization of periodic routing messages. *IEEE/ACM Transactions on Networking*, 2(2):122–136, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p122-floyd/`.

Floyd:1995:LRM

[FJ95] Sally Floyd and Van Jacobson. Link-sharing and resource management models for packet networks. *IEEE/ACM Transactions on Networking*, 3(4):365–386, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p365-floyd/`.

Fayoumi:2007:SMB

[FJ07] Ayman G. Fayoumi and Anura P. Jayasumana. A surjective-mapping based model for optical shared-buffer cross-connect. *IEEE/ACM Transactions on Networking*, 15(1):226–233, February 2007. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Feamster:2007:IAE

[FJB07] Nick Feamster, Ramesh Johari, and Hari Balakrishnan. Implications of autonomy for the expressiveness of policy routing. *IEEE/ACM Transactions on Networking*, 15(6):1266–1279, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Francis:2001:IGI

[FJJ+01] Paul Francis, Sugih Jamin, Cheng Jin, Yixin Jin, Danny Raz, Yuval Shavitt, and Lixia Zhang. IDMaps: a global Internet host distance estimation service. *IEEE/ACM Transactions on Networking*, 9(5):525–540, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Floyd:1997:RMF

[FJL+97] Sally Floyd, Van Jacobson, Ching-Gung Liu, Steven McCanne, and Lixia Zhang. A reliable multicast framework for light-weight sessions and application level framing. *IEEE/ACM Transactions on Networking*, 5(6):784–803, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p784-floyd/`.

Feng:1999:APM

[FK99] Wu-Chang Feng and Dilip D. Kandlur. Adaptive packet marking for maintaining end-to-end throughput in a differentiated-services Internet. *IEEE/ACM Transactions on Networking*, 7(5):685–697, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p685-feng/`.

Fu:2003:SMR

[FK03] Huirong Fu and Edward W. Knightly. A simple model of real-time flow aggregation. *IEEE/ACM Transactions on Networking*, 11(3):422–435, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fahmy:2007:COM

[FK07] Sonia Fahmy and Minseok Kwon. Characterizing overlay multicast networks and their costs. *IEEE/ACM Transactions on Networking*, 15(2):373–386, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fu:2013:SGW

[FK13] Fangwen Fu and Ulas C. Kozat. Stochastic game for wireless network virtualization. *IEEE/ACM Transactions on Networking*, 21 (1):84–97, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Firoiu:1998:EAC

[FKT98] Victor Firoiu, Jim Kurose, and Don Towsley. Efficient admission control of piecewise linear traffic envelopes at EDF schedulers. *IEEE/ACM Transactions on Networking*, 6(5):558–570, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p558-firoiu/`.

Fan:2009:DTO

[FLC09] Bin Fan, John C. S. Lui, and Dah-Ming Chiu. The design trade-offs of BitTorrent-like file sharing protocols. *IEEE/ACM Transactions on Networking*, 17(2):365–376, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Forestiero:2010:SCB

[FLMM10] Agostino Forestiero, Emilio Leonardi, Carlo Mastroianni, and Michela Meo. Self-chord: a bio-inspired P2P framework for self-organizing distributed systems. *IEEE/ACM Transactions on Networking*, 18(5):1651–1664, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Franceschetti:2006:CNL

[FM06] Massimo Franceschetti and Ronald Meester. Critical node lifetimes in random networks via the Chen-Stein method. *IEEE/ACM Transactions on Networking*, 14(SI):2831–2837, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fernandes:2013:ERA

[FMD13] Natalia Castro Fernandes, Marcelo Duffles Donato Moreira, and Otto Carlos Muniz Bandeira Duarte. An efficient and robust addressing protocol for node autoconfiguration in ad hoc networks. *IEEE/ACM Transactions on Networking*, 21(3):845–856, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Froc:2009:DPW

[FML09] Gwillerm Froc, Issam Mabrouki, and Xavier Lagrange. Design and performance of wireless

data gathering networks based on unicast random walk routing. *IEEE/ACM Transactions on Networking*, 17(4):1214–1227, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ferrel:2006:VTM

[FMMLH06] Ian Ferrel, Adrian Mettler, Edward Miller, and Ran Libeskind-Hadas. Virtual topologies for multicasting with multiple originators in WDM networks. *IEEE/ACM Transactions on Networking*, 14(1):183–190, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Finamore:2010:KSP

[FMMR10] Alessandro Finamore, Marco Mellia, Michela Meo, and Dario Rossi. KISS: stochastic packet inspection classifier for UDP traffic. *IEEE/ACM Transactions on Networking*, 18(5):1505–1515, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Flammini:2011:CRP

[FMSM+11] Michele Flammini, Alberto Marchetti-Spaccamela, Gianpiero Monaco, Luca Moscardelli, and Shmuel Zaks. On the complexity of the regenerator placement problem in optical networks. *IEEE/ACM Transactions on Networking*, 19 (2):498–511, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fu:2003:OEA

[FMT03] Alvin C. Fu, Eytan Modiano, and John N. Tsitsiklis. Optimal energy allocation and admission control for communications satellites. *IEEE/ACM Transactions on Networking*, 11(3): 488–500, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Frey:2000:GBF

[FNQ00] Michael Frey and Son Nguyen-Quang. A gamma-based framework for modeling variable-rate MPEG video sources: the GOP GBAR model. *IEEE/ACM Transactions on Networking*, 8(6):710–719, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p710-frey/p710-frey.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p710-frey/`.

Figueira:1995:UBD

[FP95] Norival R. Figueira and Joseph Pasquale. An upper bound on delay for the VirtualClock service discipline. *IEEE/ACM Transactions on Networking*, 3(4):399–408, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p399-figueira/`.

Figueira:1997:SCD

[FP97] Norival R. Figueira and Joseph Pasquale. A schedulability condition for deadline-ordered service disciplines. *IEEE/ACM Transactions on Networking*, 5(2):232–244, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p232-figueira/`.

Floyd:2001:DSI

[FP01] Sally Floyd and Vern Paxson. Difficulties in simulating the Internet. *IEEE/ACM Transactions on Networking*, 9(4):392–403, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ferragut:2014:NRA

[FP14] Andrés Ferragut and Fernando Paganini. Network resource allocation for users with multiple connections: fairness and stability. *IEEE/ACM Transactions on Networking*, 22 (2):349–362, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fulton:1998:DJF

[FqL98] Cathy A. Fulton and San qi Li. Delay jitter first-order and second-order statistical functions of general traffic on high-speed multimedia networks. *IEEE/ACM Transactions on Networking*, 6(2):150–163, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p150-fulton/`.

Feamster:2007:NWP

[FR07] Nick Feamster and Jennifer Rexford. Network-wide prediction of BGP routes. *IEEE/ACM Transactions on Networking*, 15 (2):253–266, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Feldmann:1998:EPC

[FRC98] Anja Feldmann, Jennifer Rexford, and Ramón Cáceres. Efficient policies for carrying Web traffic over flow-switched networks. *IEEE/ACM Transactions on Networking*, 6(6):673–685, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p673-feldmann/`.

Fukushima:2013:MDR

[FSH+13] Masaki Fukushima, Kohei Sugiyama, Teruyuki Hasegawa, Toru Hasegawa, and Akihiro Nakao. Minimum disclosure routing for network virtualization and its experimental evaluation. *IEEE/ACM Transactions on Networking*, 21(6):1839–1851, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fu:2014:DRA

[FSM14] Amy Fu, Parastoo Sadeghi, and Muriel Médard. Dynamic rate adaptation for improved throughput and delay in wireless network coded broadcast. *IEEE/ACM Transactions on Networking*, 22(6):1715–1728, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fu:2009:OPS

[FST+09] Xiaoming Fu, Henning Schulzrinne, Hannes Tschofenig, Christian Dickmann, and Dieter Hogrefe. Overhead and performance study of the General Internet Signaling Transport (GIST) protocol. *IEEE/ACM Transactions on Networking*, 17(1):158–171, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fumagalli:2006:DRD

[FT06] Andrea Fumagalli and Marco Tacca. Differentiated reliability (DiR) in wavelength division multiplexing rings. *IEEE/ACM Transactions on Networking*, 14(1):159–168, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fodor:2007:BBP

[FT07] Gábor Fodor and Miklós Telek. Bounding the blocking probabilities in multirate CDMA networks supporting elastic services. *IEEE/ACM Transactions on Networking*, 15(4):944–956, August 2007. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Tsaur:2006:CLA

[fTL06] Lih feng Tsaur and Daniel C. Lee. Closed-loop architecture and protocols for rapid dynamic spreading gain adaptation in CDMA networks. *IEEE/ACM Transactions on Networking*, 14 (4):821–834, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fadlullah:2010:DCA

[FTV+10] Zubair M. Fadlullah, Tarik Taleb, Athanasios V. Vasilakos, Mohsen Guizani, and Nei Kato. DTRAB: combating against attacks on encrypted protocols through traffic-feature analysis. *IEEE/ACM Transactions on Networking*, 18(4):1234–1247, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fang:2013:FGC

[FTZ+13] Ji Fang, Kun Tan, Yuanyang Zhang, Shouyuan Chen, Lixin Shi, Jiansong Zhang, Yongguang Zhang, and Zhenhui Tan. Fine-grained channel access in wireless LAN. *IEEE/ACM Transactions on Networking*, 21 (3):772–787, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fecko:2003:TGF

[FUDA03] Mariusz A. Fecko, M. Ümit Uyar, Ali Y. Duale, and Paul D. Amer. A technique to generate feasible tests for communications systems with multiple timers. *IEEE/ACM Transactions on Networking*, 11 (5):796–809, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fragouli:2008:EBU

[FWL08] Christina Fragouli, Jörg Widmer, and Jean-Yves Le Boudec. Efficient broadcasting using network coding. *IEEE/ACM Transactions on Networking*, 16 (2):450–463, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fei:2007:PTR

[FY07] Zongming Fei and Mengkun Yang. A proactive tree recovery mechanism for resilient overlay multicast. *IEEE/ACM Transactions on Networking*, 15(1):173–186, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Fabini:2016:RTR

[FZ16] Joachim Fabini and Tanja Zseby. The right time: Reducing effective end-to-end delay in time-slotted packet-switched networks. *IEEE/ACM Transactions on Networking*, 24(4):2251–2263, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gungor:2008:RTR

[GAA08] Vehbi Cagri Gungor, Özgür B. Akan, and Ian F. Akyildiz. A real-time and reliable transport $(RT)^2$ protocol for wireless sensor and actor networks. *IEEE/ACM Transactions on Networking*, 16(2):359–370, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2001:IAS

[Gao01] Lixin Gao. On inferring autonomous system relationships in the Internet. *IEEE/ACM Transactions on Networking*, 9(6): 733–745, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Grossglauser:1999:RLR

[GB99] Matthias Grossglauser and Jean-Chrysostome Bolot. On the relevance of long-range dependence in network traffic. *IEEE/ACM Transactions on Networking*, 7(5):629–640, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p629-grossglauser/`.

Gobjuka:2010:ETD

[GB10] Hassan Gobjuka and Yuri J. Breitbart. Ethernet topology discovery for networks with incomplete information. *IEEE/ACM Transactions on Networking*, 18(4): 1220–1233, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gutekunst:1995:DPG

[GBC+95] Thomas Gutekunst, Daniel Bauer, Germano Caronni, Bernhard Plattner, and Hasan. A distributed and policy-free general-purpose shared window system. *IEEE/ACM Transactions on Networking*, 3(1):51–62, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p51-gutekunst/`.

Guo:2012:EPL

[GBL12] Danhua Guo, Laxmi Narayan Bhuyan, and Bin Liu. An

efficient parallelized L7-filter design for multicore servers. *IEEE/ACM Transactions on Networking*, 20(5):1426–1439, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Godfrey:2015:SRS

[GCH+15] P. Brighten Godfrey, Matthew Caesar, Ian Haken, Yaron Singer, Scott Shenker, and Ion Stoica. Stabilizing route selection in BGP. *IEEE/ACM Transactions on Networking*, 23(1):282–299, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gonzalez:2016:AEG

[GCM+16] Roberto Gonzalez, Ruben Cuevas, Reza Motamedi, Reza Rejaie, and Angel Cuevas. Assessing the evolution of Google+ in its first two years. *IEEE/ACM Transactions on Networking*, 24(3):1813–1826, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gurewitz:2006:NCT

[GCS06a] Omer Gurewitz, Israel Cidon, and Moshe Sidi. Network classless time protocol based on clock offset optimization. *IEEE/ACM Transactions on Networking*, 14(4):876–888, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gurewitz:2006:OWD

[GCS06b] Omer Gurewitz, Israel Cidon, and Moshe Sidi. One-way delay estimation using network-wide measurements. *IEEE/ACM Transactions on Networking*, 14(SI):2710–2724, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gerstel:1996:LVP

[GCZ96] Ornan Gerstel, Israel Cidon, and Shmuel Zaks. The layout of virtual paths in ATM networks. *IEEE/ACM Transactions on Networking*, 4(6):873–884, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p873-gerstel/`.

Gerstel:1998:ESC

[GCZ98] Ornan Ori Gerstel, Israel Cidon, and Shmuel Zaks. Efficient support for client/server applications over heterogeneous ATM network. *IEEE/ACM Transactions on Networking*, 6(4):432–446, August 1998. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p432-gerstel/.

Gao:2016:IPI

[GDC+16] Yi Gao, Wei Dong, Chun Chen, Jiajun Bu, Wenbin Wu, and Xue Liu. iPath: path inference in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 24(1):517–528, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2016:SSP

[GDW+16] Yi Gao, Wei Dong, Wenbin Wu, Chun Chen, Xiang-Yang Li, and Jiajun Bu. Scalpel: scalable preferential link tomography based on graph trimming. *IEEE/ACM Transactions on Networking*, 24(3):1392–1403, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gouda:2002:HIC

[GEHM02] Mohamed G. Gouda, E. N. (Mootaz) Elnozahy, Chin-Tser Huang, and Tommy M. McGuire. Hop integrity in computer networks. *IEEE/ACM Transactions on Networking*, 10(3):308–319, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Georgakopoulos:2008:BCB

[Geo08] George F. Georgakopoulos. Buffered cross-bar switches, revisited: design steps, proofs and simulations towards optimal rate and minimum buffer memory. *IEEE/ACM Transactions on Networking*, 16(6):1340–1351, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gupta:1995:RPR

[GF95] Amit Gupta and Domenico Ferrari. Resource partitioning for real-time communication. *IEEE/ACM Transactions on Networking*, 3(5):501–508, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p501-gupta/.

Gopal:1994:NTP

[GG94] Inder Gopal and Roch Guérin. Network transparency: the plaNET approach. *IEEE/ACM Transactions on Networking*, 2 (3):226–239, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/

citations/journals/ton/1994-2-3/p226-gopal/.

Georgiadis:1993:TPF

[GGC93] Leonidas Georgiadis, Roch Guérin, and Israel Cidon. Throughput properties of fair policies in ring networks. *IEEE/ACM Transactions on Networking*, 1(6):718–728, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p718-georgiadis/.

Georgiadis:2002:LOB

[GGFS02] Leonidas Georgiadis, Panos Georgatsos, Konstantinos Floros, and Stelios Sartzetakis. Lexicographically optimal balanced networks. *IEEE/ACM Transactions on Networking*, 10(6):818–829, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Giacomelli:2011:OPG

[GGH11] Riccardo Giacomelli, Radha Krishna Ganti, and Martin Haenggi. Outage probability of general ad hoc networks in the high-reliability regime. *IEEE/ACM Transactions on Networking*, 19(4):1151–1163, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gopal:1999:FBH

[GGK99] Ajei Gopal, Inder Gopal, and Shay Kutten. Fast broadcast in high-speed networks. *IEEE/ACM Transactions on Networking*, 7(2):262–275, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p262-gopal/.

Garetto:2009:CSAb

[GGL09a] Michele Garetto, Paolo Giaccone, and Emilio Leonardi. Capacity scaling in ad hoc networks with heterogeneous mobile nodes: the subcritical regime. *IEEE/ACM Transactions on Networking*, 17(6):1888–1901, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garetto:2009:CSAa

[GGL09b] Michele Garetto, Paolo Giaccone, and Emilio Leonardi. Capacity scaling in ad hoc networks with heterogeneous mobile nodes: the supercritical regime. *IEEE/ACM Transactions on Networking*, 17(5):1522–1535, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gupta:2010:SPS

[GGM10] Ashima Gupta, Debalina Ghosh, and Prasant Mohapatra. Scheduling prioritized services in multihop OFDMA networks. *IEEE/ACM Transactions on Networking*, 18(6):1780–1792, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Giorgetti:2011:ULR

[GGM11] Gianni Giorgetti, Sandeep Kumar S. Gupta, and Gianfranco Manes. Understanding the limits of RF-based collaborative localization. *IEEE/ACM Transactions on Networking*, 19 (6):1638–1651, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Georgiadis:1996:ENQ

[GGPS96] Leonidas Georgiadis, Roch Guérin, Vinod Peris, and Kumar N. Sivarajan. Efficient network QoS provisioning based on per node traffic shaping. *IEEE/ACM Transactions on Networking*, 4(4):482–501, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p482-georgiadis/`.

Ghanbari:1993:PCV

[GH93] Mohammad Ghanbari and Charles J. Hughes. Packing coded video signals into ATM cells. *IEEE/ACM Transactions on Networking*, 1(5):505–509, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p505-ghanbari/`.

Gau:2004:CSM

[GH04] Rung-Hung Gau and Zygmunt J. Haas. Concurrent search of mobile users in cellular networks. *IEEE/ACM Transactions on Networking*, 12(1):117–130, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gau:2002:MFC

[GHK02] Rung-Hung Gau, Zygmunt J. Haas, and Bhaskar Krishnamachari. On multicast flow control for heterogeneous receivers. *IEEE/ACM Transactions on Networking*, 10(1):86–101, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gajic:2014:CWP

[GHR14] Vojislav Gajić, Jianwei Huang, and Bixio Rimoldi.

Competition of wireless providers for atomic users. *IEEE/ACM Transactions on Networking*, 22(2):512–525, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Goussevskaia:2014:AWC

[GHW14] Olga Goussevskaia, Magnús M. Halldórsson, and Roger Wattenhofer. Algorithms for wireless capacity. *IEEE/ACM Transactions on Networking*, 22(3):745–755, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ghosh:2011:MSS

[GIKK11] Amitabha Ghosh, Özlem Durmaz Incel, V. S. Anil Kumar, and Bhaskar Krishnamachari. Multichannel scheduling and spanning trees: throughput-delay tradeoff for fast data collection in sensor networks. *IEEE/ACM Transactions on Networking*, 19 (6):1731–1744, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gregori:2015:NMA

[GIL+15] Enrico Gregori, Alessandro Improta, Luciano Lenzini, Lorenzo Rossi, and Luca Sani. A novel methodology to address the Internet AS-level data incompleteness. *IEEE/ACM Transactions on Networking*, 23(4): 1314–1327, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gorinsky:2006:DMP

[GJVZ06] Sergey Gorinsky, Sugat Jain, Harrick Vin, and Yongguang Zhang. Design of multicast protocols robust against inflated subscription. *IEEE/ACM Transactions on Networking*, 14(2):249–262, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gong:2016:QIL

[GK16] Xun Gong and Negar Kiyavash. Quantifying the information leakage in timing side channels in deterministic work-conserving schedulers. *IEEE/ACM Transactions on Networking*, 24(3):1841–1852, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gai:2012:CNO

[GKJ12] Yi Gai, Bhaskar Krishnamachari, and Rahul Jain. Combinatorial network optimization with unknown variables: multi-armed bandits with linear rewards and individual observations. *IEEE/*

ACM Transactions on Networking, 20(5):1466–1478, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ganesh:2006:CNP

[GKPS06] Ayalvadi J. Ganesh, Peter B. Key, Damien Polis, and R. Srikant. Congestion notification and probing mechanisms for endpoint admission control. *IEEE/ACM Transactions on Networking*, 14 (3):568–578, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ganjali:2005:CSV

[GKS05] Yashar Ganjali, Abtin Keshavarzian, and Devavrat Shah. Cell switching versus packet switching in input-queued switches. *IEEE/ACM Transactions on Networking*, 13(4):782–789, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gibbens:1993:DRM

[GKT93] Richard J. Gibbens, Frank P. Kelly, and Stephen R. E. Turner. Dynamic routing in multiparented networks. *IEEE/ACM Transactions on Networking*, 1(2):261–270, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p261-gibbens/`.

Grossglauser:1997:RSE

[GKT97] Matthias Grossglauser, Srinivasan Keshav, and David N. C. Tse. RCBR: a simple and efficient service for multiple time-scale traffic. *IEEE/ACM Transactions on Networking*, 5(6):741–755, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p741-grossglauser/`.

Girard:1993:DAR

[GL93] André Girard and Bernard Liau. Dimensioning of adaptively routed networks. *IEEE/ACM Transactions on Networking*, 1 (4):460–468, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p460-girard/`.

Guo:2010:DAM

[GL10] Song Guo and Victor C. M. Leung. A distributed algorithm for min-max tree and max-min cut problems in communication networks.

IEEE/ACM Transactions on Networking, 18(4):1067–1076, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garcia-Lunes-Aceves:1993:LRU

[GLA93] J. J. Garcia-Lunes-Aceves. Loop-free routing using diffusing computations. *IEEE/ACM Transactions on Networking*, 1(1):130–141, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p130-garcia-lunes-aceves/`.

Garcia-Luna-Aceves:1997:PAL

[GLAM97] J. J. Garcia-Luna-Aceves and Shree Murthy. A path-finding algorithm for loop-free routing. *IEEE/ACM Transactions on Networking*, 5(1):148–160, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p148-garcia-luna-aceves/`.

Garcia-Luna-Aceves:2011:PID

[GLAMM11] J. J. Garcia-Luna-Aceves and Rolando Menchaca-Mendez. PRIME: an interest-driven approach to integrated unicast and multicast routing in MANETs. *IEEE/ACM Transactions on Networking*, 19(6):1573–1586, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gong:2004:CDW

[GLG04] Yongtao Gong, Peiyuan Lee, and Wanyi Gu. Comments on "Dynamic wavelength routing using congestion and neighborhood information". *IEEE/ACM Transactions on Networking*, 12(3):572, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [LS99].

Ghosal:1995:PAP

[GLH95] Dipak Ghosal, T. V. Lakshman, and Yennun Huang. Parallel architectures for processing high speed network signaling protocols. *IEEE/ACM Transactions on Networking*, 3(6):716–728, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p716-ghosal/`.

Guo:2016:FNB

[GLLJ16] Jian Guo, Fangming Liu, John C. S. Lui, and Hai Jin.

Fair network bandwidth allocation in IaaS datacenters via a cooperative game approach. *IEEE/ACM Transactions on Networking*, 24 (2):873–886, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garetto:2004:CQN

[GLMM04] Michele Garetto, Renato Lo Cigno, Michela Meo, and Marco Ajmone Marsan. Closed queueing network models of interacting long-lived TCP flows. *IEEE/ACM Transactions on Networking*, 12(2):300–311, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gerla:2001:RBS

[GLNP01] Mario Gerla, Emilio Leonardi, Fabio Neri, and Prasasth Palnati. Routing in the bidirectional shufflenet. *IEEE/ACM Transactions on Networking*, 9(1):91–103, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p91-gerla/p91-gerla.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p91-gerla/`.

Gupta:2009:LCD

[GLS09] Abhinav Gupta, Xiaojun Lin, and R. Srikant. Low-complexity distributed scheduling algorithms for wireless networks. *IEEE/ACM Transactions on Networking*, 17(6):1846–1859, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See comments and corrections [ZCW15].

Guven:2008:UFM

[GLSB08] Tuna Güven, Richard J. La, Mark A. Shayman, and Bobby Bhattacharjee. A unified framework for multipath routing for unicast and multicast traffic. *IEEE/ACM Transactions on Networking*, 16(5): 1038–1051, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2012:SAM

[GLZC12] Wei Gao, Qinghua Li, Bo Zhao, and Guohong Cao. Social-aware multicast in disruption-tolerant networks. *IEEE/ACM Transactions on Networking*, 20(5):1553–1566, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ghani:2000:EDE

[GM00] Nasir Ghani and Jon W. Mark. Enhanced distributed explicit rate allocation for ABR services in ATM networks. *IEEE/ACM Transactions on Networking*, 8(1):71–86, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p71-ghani/`.

Gencata:2003:VTA

[GM03] Aysegül Gençata and Biswanath Mukherjee. Virtual-topology adaptation for WDM mesh networks under dynamic traffic. *IEEE/ACM Transactions on Networking*, 11(2):236–247, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gomaa:2015:HCP

[GMD15] Hazem Gomaa, Geoffrey G. Messier, and Robert Davies. Hierarchical cache performance analysis under TTL-based consistency. *IEEE/ACM Transactions on Networking*, 23(4):1190–1201, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Giustiniano:2010:MTO

[GMLP10] Domenico Giustiniano, David Malone, Douglas J. Leith, and Konstantina Papagiannaki. Measuring transmission opportunities in 802.11 links. *IEEE/ACM Transactions on Networking*, 18(5):1516–1529, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gandhi:2008:MBL

[GMP08] Rajiv Gandhi, Arunesh Mishra, and Srinivasan Parthasarathy. Minimizing broadcast latency and redundancy in ad hoc networks. *IEEE/ACM Transactions on Networking*, 16 (4):840–851, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Galluccio:2013:GMG

[GMP13] Laura Galluccio, Giacomo Morabito, and Sergio Palazzo. GEographic Multicast (GEM) for dense wireless networks: protocol design and performance analysis. *IEEE/ACM Transactions on Networking*, 21(4):1332–1346, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Guan:2016:TTD

[GMS16] Zhangyu Guan, Tommaso Melodia, and Gesualdo Scutari. To transmit or not to transmit?: distributed queueing games in infrastructureless wireless networks. *IEEE/ACM Transactions on Networking*, 24 (2):1153–1166, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gurewitz:2009:MMO

[GMSK09] Omer Gurewitz, Vincenzo Mancuso, Jingpu Shi, and Edward W. Knightly. Measurement and modeling of the origins of starvation of congestion-controlled flows in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17(6):1832–1845, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gomaa:2013:EIC

[GMWD13] Hazem Gomaa, Geoffrey G. Messier, Carey Williamson, and Robert Davies. Estimating instantaneous cache hit ratio using Markov chain analysis. *IEEE/ACM Transactions on Networking*, 21(5):1472–1483, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Guan:2013:JOR

[GMY13] Zhangyu Guan, Tommaso Melodia, and Dongfeng Yuan. Jointly optimal rate control and relay selection for cooperative wireless video streaming. *IEEE/ACM Transactions on Networking*, 21(4):1173–1186, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Guan:2016:DRM

[GMYP16] Zhangyu Guan, Tommaso Melodia, Dongfeng Yuan, and Dimitris A. Pados. Distributed resource management for cognitive ad hoc networks with cooperative relays. *IEEE/ACM Transactions on Networking*, 24 (3):1675–1689, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gatmir-Motahari:2013:TCB

[GMZR13] Sara Gatmir-Motahari, Hui Zang, and Phyllis Reuther. Time-clustering-based place prediction for wireless subscribers. *IEEE/ACM Transactions on Networking*, 21(5):1436–1446, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gelal:2013:TCE

[GNP+13] Ece Gelal, Jianxia Ning, Konstantinos Pelechrinis, Tae-Suk Kim, Ioannis Broustis, Srikanth V. Krishnamurthy, and Bhaskar D. Rao. Topology control for effective interference cancellation in multiuser MIMO networks. *IEEE/ACM Transactions on Networking*, 21(2):455–468, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Guerin:1999:QRN

[GO99] Roche A. Guérin and Ariel Orda. QoS routing in networks with inaccurate information: theory and algorithms. *IEEE/ACM Transactions on Networking*, 7(3):350–364, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p350-guerin/`.

Guerin:2002:CSP

[GO02] Roch Guérin and Ariel Orda. Computing shortest paths for any number of hops. *IEEE/ACM Transactions on Networking*, 10 (5):613–620, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Goodrich:2008:PPM

[Goo08] Michael T. Goodrich. Probabilistic packet marking for large-scale IP traceback. *IEEE/ACM Transactions on Networking*, 16 (1):15–24, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gianatti:1994:PAA

[GP94] Stefano Gianatti and Achille Pattavina. Performance analysis of ATM Banyan networks with shared queueing — part I: random offered traffic. *IEEE/ACM Transactions on Networking*, 2(4):398–410, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p398-gianatti/`.

Gaiti:1996:PMI

[GP96a] Dominique Gaïti and Guy Pujolle. Performance management issues in ATM networks: traffic and congestion control. *IEEE/ACM Transactions on Networking*, 4(2):249–257, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p249-gaiti/`.

Gong:1996:AEC

[GP96b] Fengmin Gong and Gurudatta M. Parulkar. An application-oriented error control scheme for high-speed networks. *IEEE/ACM Transactions on Networking*, 4(5):669–683, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p669-gong/`.

Gopalakrishnan:1998:EUP

[GP98] R. Gopalakrishnan and Gurudatta M. Parulkar. Efficient user-space protocol implementations with QoS guarantees using real-time upcalls. *IEEE/ACM Transactions on Networking*, 6(4):374–388, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p374-gopalakrishnan/`.

Georgiadis:2015:MET

[GPLT15] Leonidas Georgiadis, Georgios S. Paschos, Lavy Libman, and Leandros Tassiulas. Minimal evacuation times and stability. *IEEE/ACM Transactions on Networking*, 23(3):931–945, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gummadi:2003:EPS

[GPM03] Krishna Phani Gummadi, Madhavarapu Jnana Pradeep, and C. Siva Ram Murthy. An efficient primary-segmented backup scheme for dependable real-time communication in multihop networks. *IEEE/ACM Transactions on Networking*, 11(1):81–94, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2016:ERW

[GQ16] Fengyu Gao and Hongyan Qian. Efficient, real-world token bucket configuration for residential gateways. *IEEE/ACM Transactions on Networking*, 24(1):462–475, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2001:SIR

[GR01] Lixin Gao and Jennifer Rexford. Stable Internet routing without global coordination. *IEEE/ACM Transactions on Networking*, 9(6):681–692, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gopalan:2012:IAL

[GR12] Abishek Gopalan and Srinivasan Ramasubramanian. On identifying additive link metrics using linearly independent cycles and paths. *IEEE/ACM Transactions on Networking*, 20(3):906–916, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gopalan:2014:MNL

[GR14] Abishek Gopalan and Srinivasan Ramasubramanian. On the maximum number of linearly independent cycles and paths in a network. *IEEE/ACM Transactions on Networking*, 22(5):1373–1388, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gopalan:2016:IFR

[GR16] Abishek Gopalan and Srinivasan Ramasubramanian. IP fast rerouting and disjoint multipath routing with three edge-independent spanning trees. *IEEE/ACM Transactions on Networking*, 24 (3):1336–1349, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Goodell:2009:DSP

[GRB09] Geoffrey Goodell, Mema Roussopoulos, and Scott Bradner. A directory service for perspective access networks. *IEEE/ACM Transactions on Networking*, 17(2):501–514, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gulyas:2015:SRP

[GRHA15] András Gulyás, Gábor Rétvári, Zalán Heszberger, and Rachit Agarwal. On the scalability of routing with policies. *IEEE/ACM Transactions on Networking*, 23(5):1610–1618, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Grover:1999:HAP

[Gro99] Wayne D. Grover. High availability path design in ring-based optimal networks. *IEEE/ACM Transactions on Networking*, 7 (4):558–574, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p558-grover/`.

Gerstel:2000:CET

[GRS00] Ornan Gerstel, Rajiv Ramaswami, and Galen H. Sasaki. Cost-effective traffic grooming in WDM rings. *IEEE/ACM Transactions on Networking*, 8

(5):618–630, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p618-gerstel/`.

Greenberg:1997:CTA

[GS97] Albert G. Greenberg and R. Srikant. Computational techniques for accurate performance evaluation of multirate, multihop communication networks. *IEEE/ACM Transactions on Networking*, 5(2):266–277, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p266-greenberg/`.

Girard:1998:MFM

[GS98] Andre Girard and Brunilde Sansó. Multicommodity flow models, failure propagation, and reliable loss network design. *IEEE/ACM Transactions on Networking*, 6(1):82–93, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p82-girard/`.

Gouda:2003:MRM

[GS03] Mohamed G. Gouda and Marco Schneider. Maximizable routing metrics. *IEEE/ACM Transactions on Networking*, 11(4):663–675, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gurbani:2004:TTS

[GS04] Vijay K. Gurbani and Xian-He Sun. Terminating telephony services on the Internet. *IEEE/ACM Transactions on Networking*, 12(4):571–581, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gunes:2009:RIA

[GS09] Mehmet H. Gunes and Kamil Sarac. Resolving IP aliases in building traceroute-based Internet maps. *IEEE/ACM Transactions on Networking*, 17(6):1738–1751, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gerstel:2010:GFS

[GS10a] Ori Gerstel and G. Sasaki. A general framework for service availability for bandwidth-efficient connection-oriented networks. *IEEE/ACM Transactions on Networking*, 18(3):985–995, June 2010. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Gupta:2010:DAW

[GS10b] Gagan Raj Gupta and Ness B. Shroff. Delay analysis for wireless networks with single hop traffic and general interference constraints. *IEEE/ACM Transactions on Networking*, 18(2):393–405, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gupta:2011:DAO

[GS11] Gagan Raj Gupta and Ness B. Shroff. Delay analysis and optimality of scheduling policies for multihop wireless networks. *IEEE/ACM Transactions on Networking*, 19(1):129–141, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ghaderi:2013:IAP

[GS13] Javad Ghaderi and R. Srikant. The impact of access probabilities on the delay performance of Q–CSMA algorithms in wireless networks. *IEEE/ACM Transactions on Networking*, 21(4):1063–1075, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ghosh:2016:QSP

[GS16] Arnob Ghosh and Saswati Sarkar. Quality-sensitive price competition in secondary market spectrum oligopoly: single location game. *IEEE/ACM Transactions on Networking*, 24 (3):1894–1907, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gozupek:2015:GTA

[GSA15] Didem Gözüpek, Mordechai Shalom, and Fatih Alagöz. A graph-theoretic approach to scheduling in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 23(1):317–328, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gourgy:2009:TBO

[GSD09] Amir Gourgy, Ted H. Szymanski, and Douglas G. Down. On tracking the behavior of an output-queued switch using an input-queued switch. *IEEE/ACM Transactions on Networking*, 17(6):1978–1988, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garetto:2008:MPF

[GSK08] Michele Garetto, Theodoros Salonidis, and Edward W.

Knightly. Modeling per-flow throughput and capturing starvation in CSMA multi-hop wireless networks. *IEEE/ACM Transactions on Networking*, 16 (4):864–877, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gerstel:1999:WCA

[GSKR99] Ori Gerstel, Galen Sasaki, Shay Kutten, and Rajiv Ramaswami. Worst-case analysis of dynamic wavelength allocation in optical networks. *IEEE/ACM Transactions on Networking*, 7(6):833–846, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p833-gerstel/`.

Gong:2016:FSC

[GSN+16] Wei Gong, Ivan Stojmenovic, Amiya Nayak, Kebin Liu, and Haoxiang Liu. Fast and scalable counterfeits estimation for large-scale RFID systems. *IEEE/ACM Transactions on Networking*, 24(2):1052–1064, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garcia-Saavedra:2015:SSO

[GSRS+15] Andres Garcia-Saavedra, Balaji Rengarajan, Pablo Serrano, Daniel Camps-Mur, and Xavier Costa-Pérez. SOLOR: self-optimizing WLANs with legacy-compatible opportunistic relays. *IEEE/ACM Transactions on Networking*, 23(4):1202–1215, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Greenberg:1999:RSB

[GSW99] Albert G. Greenberg, R. Srikant, and Ward Whitt. Resource sharing for book-ahead and instantaneous-request calls. *IEEE/ACM Transactions on Networking*, 7(1):10–22, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p10-greenberg/`.

Griffin:2002:SPP

[GSW02] Timothy G. Griffin, F. Bruce Shepherd, and Gordon Wilfong. The stable paths problem and interdomain routing. *IEEE/ACM Transactions on Networking*, 10(2):232–243, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Grossglauser:1999:FRM

[GT99] Matthias Grossglauser and David N. C. Tse. A framework for robust measurement-based admission control. *IEEE/ACM Transactions on Networking*, 7(3):293–309, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p293-grossglauser/`.

Grah:2000:PSL

[GT00] Adrian Grah and Terence D. Todd. Packet-switched local area networks using wavelength-selective station couplers. *IEEE/ACM Transactions on Networking*, 8(2):251–264, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p251-grah/`.

Grossglauser:2002:MIC

[GT02] Matthias Grossglauser and David N. C. Tse. Mobility increases the capacity of ad hoc wireless networks. *IEEE/ACM Transactions on Networking*, 10 (4):477–486, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Grossglauser:2003:TSD

[GT03] Matthias Grossglauser and David N. C. Tse. A time-scale decomposition approach to measurement-based admission control. *IEEE/ACM Transactions on Networking*, 11(4):550–563, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Georgiadis:2006:OOR

[GT06] Leonidas Georgiadis and Leandros Tassiulas. Optimal overload response in sensor networks. *IEEE/ACM Transactions on Networking*, 14(SI):2684–2696, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Grokop:2010:SSB

[GT10] Leonard H. Grokop and David N. C. Tse. Spectrum sharing between wireless networks. *IEEE/ACM Transactions on Networking*, 18(5):1401–1412, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ganeriwal:2009:ECU

[GTS+09] Saurabh Ganeriwal, Ilias Tsigkogiannis, Hohyun Shim, Vlassios Tsiatsis, Mani B. Srivastava, and

Deepak Ganesan. Estimating clock uncertainty for efficient duty-cycling in sensor networks. *IEEE/ACM Transactions on Networking*, 17(3):843–856, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Guo:2004:STC

[Guo04] Chuanxiong Guo. SRR: an $O(1)$ time-complexity packet scheduler for flows in multiservice packet networks. *IEEE/ACM Transactions on Networking*, 12 (6):1144–1155, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Garrett:1993:JSC

[GV93] Mark W. Garrett and Martin Vetterli. Joint source/channel coding of statistically multiplexed real-time services on packet networks. *IEEE/ACM Transactions on Networking*, 1(1):71–80, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p71-garrett/`.

Goyal:1997:GGR

[GV97] Pawan Goyal and Harrick M. Vin. Generalized guaranteed rate scheduling algorithms: a framework. *IEEE/ACM Transactions on Networking*, 5(4):561–571, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p561-goyal/`.

Grossglauser:2006:LMN

[GV06] Matthias Grossglauser and Martin Vetterli. Locating mobile nodes with EASE: learning efficient routes from encounter histories alone. *IEEE/ACM Transactions on Networking*, 14 (3):457–469, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Goyal:1997:SFQ

[GVC97] Pawan Goyal, Harrick M. Vin, and Haichen Cheng. Start-time fair queueing: a scheduling algorithm for integrated services packet switching networks. *IEEE/ACM Transactions on Networking*, 5(5):690–704, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p690-goyal/`.

Ganz:1994:EAV

[GW94] Aura Ganz and Xudong

Wang. Efficient algorithm for virtual topology design in multihop lightwave networks. *IEEE/ACM Transactions on Networking*, 2(3):217–225, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p217-ganz/`.

Gianvecchio:2011:HBI

[GXWW11] Steven Gianvecchio, Mengjun Xie, Zhenyu Wu, and Haining Wang. Humans and bots in Internet chat: measurement, analysis, and automated classification. *IEEE/ACM Transactions on Networking*, 19(5):1557–1571, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gambiroza:2004:DAI

[GYB+04] Violeta Gambiroza, Ping Yuan, Laura Balzano, Yonghe Liu, Steve Sheafor, and Edward Knightly. Design, analysis, and implementation of DVSR: a fair high-performance protocol for packet rings. *IEEE/ACM Transactions on Networking*, 12(1):85–102, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2016:RDG

[GYJ+16] Hongyu Gao, Vinod Yegneswaran, Jian Jiang, Yan Chen, Phillip Porras, Shalini Ghosh, and Haixin Duan. Reexamining DNS from a global recursive resolver perspective. *IEEE/ACM Transactions on Networking*, 24 (1):43–57, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Goratti:2014:UOA

[GYSPR14] Leonardo Goratti, Ece Yaprak, Stefano Savazzi, and Carlos Pomalaza-Raez. An urn occupancy approach for modeling the energy consumption of distributed beaconing. *IEEE/ACM Transactions on Networking*, 22(1):203–216, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gueye:2006:CBG

[GZCF06] Bamba Gueye, Artur Ziviani, Mark Crovella, and Serge Fdida. Constraint-based geolocation of Internet hosts. *IEEE/ACM Transactions on Networking*, 14(6):1219–1232, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gong:2016:OPB

[GZCX16] Xiaowen Gong, Junshan Zhang, Douglas Cochran, and Kai Xing. Optimal placement for barrier coverage in bistatic radar sensor networks. *IEEE/ACM Transactions on Networking*, 24(1):259–271, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gupta:2006:CSC

[GZDG06] Himanshu Gupta, Zongheng Zhou, Samir R. Das, and Quinyi Gu. Connected sensor cover: self-organization of sensor networks for efficient query execution. *IEEE/ACM Transactions on Networking*, 14(1):55–67, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2015:TPP

[GZS15] Jianhang Gao, Qing Zhao, and Ananthram Swami. The thinnest path problem. *IEEE/ACM Transactions on Networking*, 23(4):1176–1189, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Gao:2003:PAT

[GZT03] Lixin Gao, Zhi-Li Zhang, and Don Towsley. Proxy-assisted techniques for delivering continuous multimedia streams. *IEEE/ACM Transactions on Networking*, 11(6):884–894, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ho:1996:LAS

[HA96] Joseph S. M. Ho and Ian F. Akyildiz. Local anchor scheme for reducing signaling costs in personal communications networks. *IEEE/ACM Transactions on Networking*, 4(5):709–725, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p709-ho/`.

Ho:1997:DHD

[HA97] Joseph S. M. Ho and Ian F. Akyildiz. Dynamic hierarchical database architecture for location management in PCS networks. *IEEE/ACM Transactions on Networking*, 5(5):646–660, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p646-ho/`.

Han:2016:TLB

[HA16] Tao Han and Nirwan Ansari. A traffic load balancing framework for software-defined radio access networks powered by hybrid energy sources. *IEEE/ACM Transactions on Networking*, 24(2):1038–1051, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2016:ECP

[HAGL16] Seon Yeong Han, Nael B. Abu-Ghazaleh, and Dongman Lee. Efficient and consistent path loss model for mobile network simulation. *IEEE/ACM Transactions on Networking*, 24 (3):1774–1786, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Harfoush:2009:MCB

[HBB09] Khaled Harfoush, Azer Bestavros, and John Byers. Measuring capacity bandwidth of targeted path segments. *IEEE/ACM Transactions on Networking*, 17 (1):80–92, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Humblet:1993:BTA

[HBH93] Pierre Humblet, Amit Bhargava, and Michael G. Hluchyj. Ballot theorems applied to the transient analysis of nD/D/1 queues. *IEEE/ACM Transactions on Networking*, 1(1):81–95, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p81-humblet/`.

Henniger:1996:STB

[HBS96] Olaf Henniger, Michel Barbeau, and Behçet Sarikaya. Specification and testing of the behavior of network management agents using SDL-92. *IEEE/ACM Transactions on Networking*, 4(6):951–962, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p951-henniger/`.

Herzberg:1995:HAS

[HBU95] Meir Herzberg, Stephen J. Bye, and Anthony Utano. The hop-limit approach for spare-capacity assignment in survivable networks. *IEEE/ACM Transactions on Networking*, 3(6):775–784, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1995-3-6/p775-herzberg/.

Hahne:2002:DQL

[HC02] Ellen L. Hahne and Abhijit K. Choudhury. Dynamic queue length thresholds for multiple loss priorities. *IEEE/ACM Transactions on Networking*, 10(3): 368–380, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ho:2007:GSN

[HC07] Kwok Shing Ho and Kwok Wai Cheung. Generalized survivable network. *IEEE/ACM Transactions on Networking*, 15(4):750–760, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Chung:1996:CCU

[hCgKsYwT96] Sung hark Chung, Hu gon Kim, Yong seok Yoon, and Dong wan Tcha. Cost-minimizing construction of a unidirectional SHR with diverse protection. *IEEE/ACM Transactions on Networking*, 4(6):921–928, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p921-chung/.

Hu:2009:EBA

[HCL09] Yan Hu, Dah-Ming Chiu, and John C. S. Lui. Entropy based adaptive flow aggregation. *IEEE/ACM Transactions on Networking*, 17(3):698–711, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hamza:2007:WOI

[HD07] Haitham S. Hamza and Jitender S. Deogun. WDM optical interconnects: a balanced design approach. *IEEE/ACM Transactions on Networking*, 15(6):1565–1578, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2010:VIM

[HDM10] Kaidi Huang, Ken R. Duffy, and David Malone. On the validity of IEEE 802.11 MAC modeling hypotheses. *IEEE/ACM Transactions on Networking*, 18(6): 1935–1948, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2013:HRC

[HDM13] Kaidi D. Huang, Ken R. Duffy, and David Malone. H-RCA: 802.11 collision-aware rate control. *IEEE/ACM Transactions on Networking*, 21(4):1021–1034,

August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Heyman:1997:GSM

[Hey97] Daniel P. Heyman. The GBAR source model for VBR videoconferences. *IEEE/ACM Transactions on Networking*, 5(4):554–560, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p554-heyman/`.

Himura:2013:SGB

[HFC+13] Yosuke Himura, Kensuke Fukuda, Kenjiro Cho, Pierre Borgnat, Patrice Abry, and Hiroshi Esaki. Synoptic graphlet: bridging the gap between supervised and unsupervised profiling of host-level network traffic. *IEEE/ACM Transactions on Networking*, 21(4):1284–1297, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

He:2012:OPL

[HFKC12] Yihua He, Michalis Faloutsos, Srikanth V. Krishnamurthy, and Marek Chrobak. Obtaining provably legitimate Internet topologies. *IEEE/ACM Transactions on Networking*, 20(1):271–284, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hou:2014:PFD

[HG14] I-Hong Hou and Piyush Gupta. Proportionally fair distributed resource allocation in multiband wireless systems. *IEEE/ACM Transactions on Networking*, 22(6):1819–1830, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Helmy:2004:SMB

[HGE04] Ahmed Helmy, Sandeep Gupta, and Deborah Estrin. The STRESS method for boundary-point performance analysis of end-to-end multicast timer-suppression mechanisms. *IEEE/ACM Transactions on Networking*, 12(1):44–58, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2006:SER

[HGG06] Yaqing Huang, Roch Guérin, and Pranav Gupta. Supporting excess real-time traffic with active drop queue. *IEEE/ACM Transactions on Networking*, 14 (5):965–977, October 2006.

CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2016:GPP

[HGW+16] Qianyi Huang, Yang Gui, Fan Wu, Guihai Chen, and Qian Zhang. A general privacy-preserving auction mechanism for secondary spectrum markets. *IEEE/ACM Transactions on Networking*, 24(3):1881–1893, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hajek:1998:VQR

[HH98] Bruce Hajek and Linhai He. On variations of queue response for inputs with the same mean and autocorrelation function. *IEEE/ACM Transactions on Networking*, 6(5):588–598, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p588-hajek/`.

Hefeeda:2010:BTS

[HH10a] Mohamed Hefeeda and Cheng-Hsin Hsu. On burst transmission scheduling in mobile TV broadcast networks. *IEEE/ACM Transactions on Networking*, 18 (2):610–623, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hsu:2010:BVS

[HH10b] Cheng-Hsin Hsu and Mohamed M. Hefeeda. Broadcasting video streams encoded with arbitrary bit rates in energy-constrained mobile TV networks. *IEEE/ACM Transactions on Networking*, 18(3):681–694, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Haas:2006:GBA

[HHL06] Zygmunt J. Haas, Joseph Y. Halpern, and Li Li. Gossip-based ad hoc routing. *IEEE/ACM Transactions on Networking*, 14(3):479–491, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Harks:2016:RGP

[HHSS16] Tobias Harks, Martin Hoefer, Kevin Schewior, and Alexander Skopalik. Routing games with progressive filling. *IEEE/ACM Transactions on Networking*, 24(4):2553–2562, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hajiaghayi:2007:POF

[HIM07] Mohammad Taghi Hajiaghayi, Nicole Immor-

lica, and Vahab S. Mirrokni. Power optimization in fault-tolerant topology control algorithms for wireless multi-hop networks. *IEEE/ACM Transactions on Networking*, 15(6):1345–1358, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2012:ABE

[HJL+12] Bo Han, Lusheng Ji, Seungjoon Lee, Bobby Bhattacharjee, and Robert R. Miller. Are all bits equal?: experimental study of IEEE 802.11 communication bit errors. *IEEE/ACM Transactions on Networking*, 20(6):1695–1706, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hart:1994:ARC

[HK94] George W. Hart and Samir G. Kelekar. Automated repair of complex systems by fault compensation. *IEEE/ACM Transactions on Networking*, 2(2):193–205, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p193-hart/`.

Hung:1996:BSW

[HK96] Anthony Hung and George Kesidis. Bandwidth scheduling for wide-area ATM networks using virtual finishing times. *IEEE/ACM Transactions on Networking*, 4(1):49–54, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p49-hung/`.

Hwang:2011:CLO

[HK11] June Hwang and Seong-Lyun Kim. Cross-layer optimization and network coding in CSMA/CA-based wireless multihop networks. *IEEE/ACM Transactions on Networking*, 19(4):1028–1042, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hur:2014:SDR

[HK14] Junbeom Hur and Kyungtae Kang. Secure data retrieval for decentralized disruption-tolerant military networks. *IEEE/ACM Transactions on Networking*, 22(1):16–26, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Houmansadr:2014:NBW

[HKB14] Amir Houmansadr, Negar Kiyavash, and Nikita Borisov. Non-blind watermarking of network flows. *IEEE/ACM Transactions on Networking*, 22(4):1232–1244, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hsu:2013:EST

[HKCL13] Chih-Cheng Hsu, Ming-Shing Kuo, Cheng-Fu Chou, and Kate Ching-Ju Lin. The elimination of spatial-temporal uncertainty in underwater sensor networks. *IEEE/ACM Transactions on Networking*, 21(4):1229–1242, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Harvey:2006:CIN

[HKL06] Nicholas J. A. Harvey, Robert Kleinberg, and April Rasala Lehman. On the capacity of information networks. *IEEE/ACM Transactions on Networking*, 14(SI):2345–2364, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hao:2007:FME

[HKLM07] Fang Hao, Murali Kodialam, T. V. Lakshman, and Shantidev Mohanty. Fast, memory efficient flow rate estimation using runs. *IEEE/ACM Transactions on Networking*, 15(6):1467–1477, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hao:2012:FDM

[HKLS12] Fang Hao, Murali Kodialam, T. V. Lakshman, and Haoyu Song. Fast dynamic multiple-set membership testing using combinatorial Bloom filters. *IEEE/ACM Transactions on Networking*, 20(1):295–304, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hajikhani:2016:RMC

[HKS16] Mohammad Javad Hajikhani, Thomas Kunz, and Howard Schwartz. A recursive method for clock synchronization in asymmetric packet-based networks. *IEEE/ACM Transactions on Networking*, 24(4):2332–2342, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hwang:1995:OPD

[HKT95] Ren-Hung Hwang, James F. Kurose, and Don Towsley. On-call processing delay in high speed networks.

IEEE/ACM Transactions on Networking, 3(6):628–639, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p628-hwang/`.

Hegde:2013:ECS

[HKV+13] Malati Hegde, Pavan Kumar, K. R. Vasudev, N. N. Sowmya, S. V. R. Anand, Anurag Kumar, and Joy Kuri. Experiences with a centralized scheduling approach for performance management of IEEE 802.11 wireless LANs. *IEEE/ACM Transactions on Networking*, 21 (2):648–662, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Heyman:1996:SMV

[HL96a] Daniel P. Heyman and T. V. Lakshman. Source models for VBR broadcast-video traffic. *IEEE/ACM Transactions on Networking*, 4(1):40–48, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p40-heyman/`.

Heyman:1996:WIL

[HL96b] Daniel P. Heyman and T. V. Lakshman. What are the implications of long-range dependence for VBR-video traffic engineering? *IEEE/ACM Transactions on Networking*, 4(3):301–317, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p301-heyman/`.

Hac:1998:DLM

[HL98a] Anna Hać and Bo Liu. Database and location management schemes for mobile communications. *IEEE/ACM Transactions on Networking*, 6(6):851–865, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p851-hac/`.

Huang:1998:SIC

[HL98b] Nen-Fu Huang and Huey-Ing Liu. A study of isochronous channel reuse in DQDB metropolitan area networks. *IEEE/ACM Transactions on Networking*, 6(4):475–484, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/1998-6-4/p475-huang/.

Haas:1999:AH

[HL99] Zygmunt J. Haas and Ben Liang. Ad hoc mobility management with uniform quorum systems. *IEEE/ACM Transactions on Networking*, 7(2):228–240, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p228-haas/.

Hwang:2000:NMT

[HL00] Frank K. Hwang and Sheng-Chyang Liaw. On nonblocking multicast three-stage Clos networks. *IEEE/ACM Transactions on Networking*, 8(4):535–539, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p535-hwang/.

Heyman:2003:MMI

[HL03] Daniel P. Heyman and David Lucantoni. Modeling multiple IP traffic streams with rate limits. *IEEE/ACM Transactions on Networking*, 11(6):948–958, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2005:CID

[HL05] Tzu-Lun Huang and D. T. Lee. Comments and an improvement on "A distributed algorithm of delay-bounded multicast routing for multimedia applications in wide area networks". *IEEE/ACM Transactions on Networking*, 13(6):1410–1411, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [Jia98].

Huang:2015:AOT

[HL15] Po-Kai Huang and Xiaojun Lin. Achieving optimal throughput utility and low delay with CSMA-like algorithms: a virtual multichannel approach. *IEEE/ACM Transactions on Networking*, 23 (2):505–518, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:1994:SPD

[HLG94] Chun-Chong Huang and Alberto Leon-Garcia. Separation principle of dynamic transmission and enqueueing priorities for real- and nonreal-time traffic in ATM multiplexers. *IEEE/ACM Transactions on Networking*, 2(6):588–601, December 1994. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p588-huang/`.

Hartline:2004:OVT

[HLHD+04] Jeff R. K. Hartline, Ran Libeskind-Hadas, Kurt M. Dresner, Ethan W. Drucker, and Katrina J. Ray. Optimal virtual topologies for one-to-many communication in WDM paths and rings. *IEEE/ACM Transactions on Networking*, 12 (2):375–383, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hwang:2006:NRN

[HLL06] Frank K. Hwang, Wen-Dar Lin, and Vadim Lioubimov. On noninterruptive rearrangeable networks. *IEEE/ACM Transactions on Networking*, 14(5):1141–1149, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2013:DCA

[HLL13] Kai Han, Yang Liu, and Jun Luo. Duty-cycle-aware minimum-energy multicasting in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 21 (3):910–923, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ho:2011:SMC

[HLP11] Ivan Wang-Hei Ho, Kin K. Leung, and John W. Polak. Stochastic model and connectivity dynamics for VANETs in signalized road systems. *IEEE/ACM Transactions on Networking*, 19(1):195–208, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2014:YFM

[HLS14a] Bo Han, Jian Li, and Aravind Srinivasan. Your friends have more friends than you do: identifying influential mobile users through random-walk sampling. *IEEE/ACM Transactions on Networking*, 22(5):1389–1400, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2014:DRE

[HLS+14b] Hao Han, Yunxin Liu, Guobin Shen, Yongguang Zhang, Qun Li, and Chiu C. Tan. Design, realization, and evaluation of DozyAP for power-efficient Wi-Fi tethering. *IEEE/ACM Transactions on Networking*, 22(5):1672–1685, October 2014. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Hao:2004:ISI

[HLSG04] Ruibing Hao, David Lee, Rakesh K. Sinha, and Nancy Griffeth. Integrated system interoperability testing with applications to VoIP. *IEEE/ACM Transactions on Networking*, 12(5):823–836, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2013:LCC

[HLW13] Po-Kai Huang, Xiaojun Lin, and Chih-Chun Wang. A low-complexity congestion control and scheduling algorithm for multihop wireless networks with order-optimal per-flow delay. *IEEE/ACM Transactions on Networking*, 21 (2):495–508, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2015:AEE

[HLX+15] Kai Han, Jun Luo, Liu Xiang, Mingjun Xiao, and Liusheng Huang. Achieving energy efficiency and reliability for data dissemination in duty-cycled WSNs. *IEEE/ACM Transactions on Networking*, 23(4):1041–1052, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hu:2014:DCF

[HLZ+14] Chengchen Hu, Bin Liu, Hongbo Zhao, Kai Chen, Yan Chen, Yu Cheng, and Hao Wu. Discount counting for fast flow statistics on flow size and flow volume. *IEEE/ACM Transactions on Networking*, 22(3): 970–981, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ho:2004:RSC

[HM04] Pin-Han Ho and Hussein T. Mouftah. Reconfiguration of spare capacity for MPLS-based recovery in the Internet backbone networks. *IEEE/ACM Transactions on Networking*, 12 (1):73–84, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Harai:2006:HSB

[HM06] Hiroaki Harai and Masayuki Murata. High-speed buffer management for 40 Gb/s-based photonic packet switches. *IEEE/ACM Transactions on Networking*, 14(1):191–204, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2011:SMP

[HMM11] Sheng Huang, Charles U. Martel, and Biswanath Mukherjee. Survivable multipath provisioning with differential delay constraint in telecom mesh networks. *IEEE/ACM Transactions on Networking*, 19(3):657–669, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2013:LBA

[HMNK13] Longbo Huang, Scott Moeller, Michael J. Neely, and Bhaskar Krishnamachari. LIFO-backpressure achieves near-optimal utility-delay tradeoff. *IEEE/ACM Transactions on Networking*, 21(3):831–844, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2007:MPK

[HMvdLM07] Dijiang Huang, Manish Mehta, Appie van de Liefvoort, and Deep Medhi. Modeling pairwise key establishment for random key predistribution in large-scale sensor networks. *IEEE/ACM Transactions on Networking*, 15(5):1204–1215, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2010:OTP

[HN10] Longbo Huang and Michael J. Neely. The optimality of two prices: maximizing revenue in a stochastic communication system. *IEEE/ACM Transactions on Networking*, 18(2):406–419, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2013:UOS

[HN13] Longbo Huang and Michael J. Neely. Utility optimal scheduling in energy-harvesting networks. *IEEE/ACM Transactions on Networking*, 21(4):1117–1130, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hong:1994:AAT

[Hon94] Seung Ho Hong. Approximate analysis of timer-controlled priority scheme in the single-service token-passing systems. *IEEE/ACM Transactions on Networking*, 2(2):206–215, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p206-hong/`.

Hoschka:1998:CEP

[Hos98] Philipp Hoschka. Compact and efficient presentation conversion code. *IEEE/ACM Transactions on Networking*, 6(4):389–396, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p389-hoschka/`.

Heidemann:1997:MPH

[HOT97] John Heidemann, Katia Obraczka, and Joe Touch. Modeling the performance of HTTP over several transport protocols. *IEEE/ACM Transactions on Networking*, 5(5):616–630, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p616-heidemann/`.

Hou:2014:SHR

[Hou14] I-Hong Hou. Scheduling heterogeneous real-time traffic over fading wireless channels. *IEEE/ACM Transactions on Networking*, 22(5):1631–1644, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hou:2015:BDC

[Hou15] I-Hong Hou. Broadcasting delay-constrained traffic over unreliable wireless links with network coding. *IEEE/ACM Transactions on Networking*, 23(3):728–740, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hu:2000:PST

[HP00] Rose Qingyang Hu and David W. Petr. A predictive self-tuning fuzzy-logic feedback rate controller. *IEEE/ACM Transactions on Networking*, 8 (6):697–709, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p697-hu/p697-hu.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p697-hu/`.

Haas:2001:PQC

[HP01] Zygmunt J. Haas and Marc R. Pearlman. The performance of query control schemes for the zone routing protocol. *IEEE/ACM Transactions on Networking*, 9(4):427–438, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

He:2006:IDS

[HPR06] Xinming He, Christos Papadopoulos, and Pavlin Radoslavov. Incremental deployment strategies for router-assisted reliable multicast. *IEEE/ACM Transactions on Networking*, 14(4):779–792, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hohn:2009:CRC

[HPV09] Nicolas Hohn, Konstantina Papagiannaki, and Darryl Veitch. Capturing router congestion and delay. *IEEE/ACM Transactions on Networking*, 17(3): 789–802, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2016:TDF

[HQW+16] Jinsong Han, Chen Qian, Xing Wang, Dan Ma, Jizhong Zhao, Wei Xi, Zhiping Jiang, and Zhi Wang. Twins: device-free object tracking using passive tags. *IEEE/ACM Transactions on Networking*, 24(3):1605–1617, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2016:GGA

[HQY+16] Jinsong Han, Chen Qian, Panlong Yang, Dan Ma, Zhiping Jiang, Wei Xi, and Jizhong Zhao. GenePrint: generic and accurate physical-layer identification for UHF RFID tags. *IEEE/ACM Transactions on Networking*, 24(2):846–858, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hamdaoui:1995:STT

[HR95] Moncef Hamdaoui and Parameswaran Ramanathan. Selection of timed token protocol parameters to guarantee message deadlines. *IEEE/ACM Transactions on Networking*, 3(3): 340–351, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p340-hamdaoui/`.

Huang:2014:MUC

[HR14] Shurui Huang and Aditya Ramamoorthy. On the multiple-unicast capacity of 3-source, 3-terminal directed acyclic networks. *IEEE/ACM Transactions on Networking*, 22(1):285–299, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hande:2008:DUP

[HRCW08] Prashanth Hande, Sundeep Rangan, Mung Chi-

ang, and Xinzhou Wu. Distributed uplink power control for optimal SIR assignment in cellular data networks. *IEEE/ACM Transactions on Networking*, 16 (6):1420–1433, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

He:2003:ECA

[HS03] Jiafu He and Khosrow Sohraby. An extended combinatorial analysis framework for discrete-time queueing systems with general sources. *IEEE/ACM Transactions on Networking*, 11(1):95–110, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Haas:2006:NNM

[HS06a] Zygmunt J. Haas and Tara Small. A new networking model for biological applications of ad hoc sensor networks. *IEEE/ACM Transactions on Networking*, 14(1):27–40, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hu:2006:SCT

[HS06b] An-Swol Hu and Sergio D. Servetto. On the scalability of cooperative time synchronization in pulse-connected networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2725–2748, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hefeeda:2008:TMP

[HS08] Mohamed Hefeeda and Osama Saleh. Traffic modeling and proportional partial caching for peer-to-peer systems. *IEEE/ACM Transactions on Networking*, 16(6):1447–1460, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hariharan:2014:SPO

[HS14] Srikanth Hariharan and Ness B. Shroff. On sample-path optimal dynamic scheduling for sum-queue minimization in forests. *IEEE/ACM Transactions on Networking*, 22(1):151–164, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hariharan:2016:SPO

[HS16] Srikanth Hariharan and Ness B. Shroff. On sample-path optimal dynamic scheduling for sum-queue minimization in trees under the K-hop interference model. *IEEE/ACM Transactions on Networking*, 24(4):2458–2471, August 2016. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Herzog:1997:SCM

[HSE97] Shai Herzog, Scott Shenker, and Deborah Estrin. Sharing the "cost" of multicast trees: an axiomatic analysis. *IEEE/ACM Transactions on Networking*, 5(6):847–860, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p847-herzog/`.

He:2009:LLF

[HSFK09] Yihua He, Georgos Siganos, Michalis Faloutsos, and Srikanth Krishnamurthy. Lord of the links: a framework for discovering missing links in the Internet topology. *IEEE/ACM Transactions on Networking*, 17(2):391–404, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

He:2008:GSS

[HSG+08] Si-Min He, Shu-Tao Sun, Hong-Tao Guan, Qiang Zheng, You-Jian Zhao, and Wen Gao. On guaranteed smooth switching for buffered crossbar switches. *IEEE/ACM Transactions on Networking*, 16(3):718–731, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2006:MPT

[HSH+06] Huaizhong Han, Srinivas Shakkottai, C. V. Hollot, R. Srikant, and Don Towsley. Multi-path TCP: a joint congestion control and routing scheme to exploit path diversity in the Internet. *IEEE/ACM Transactions on Networking*, 14(6):1260–1271, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

He:2013:SRB

[HSM+13] Yong He, Jie Sun, Xiaojun Ma, Athanasios V. Vasilakos, Ruixi Yuan, and Weibo Gong. Semi-random backoff: towards resource reservation for channel access in wireless LANs. *IEEE/ACM Transactions on Networking*, 21(1):204–217, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hsu:2009:MST

[HSPH09] Wei-Jen Hsu, Thrasyvoulos Spyropoulos, Konstantinos Psounis, and Ahmed Helmy. Modeling spatial and temporal dependencies of user mobility in wireless

mobile networks. *IEEE/ACM Transactions on Networking*, 17(5):1564–1577, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hou:2008:RAN

[HSS08] Y. Thomas Hou, Yi Shi, and Hanif D. Sherali. Rate allocation and network lifetime problems for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 16(2):321–334, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hanif:2016:MFG

[HTAZ16] Ahmed Farhan Hanif, Hamidou Tembine, Mohamad Assaad, and Djamal Zeghlache. Mean-field games for resource sharing in cloud-based networks. *IEEE/ACM Transactions on Networking*, 24(1):624–637, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ho:2004:SSP

[HTC04] Pin-Han Ho, János Tapolcai, and Tibor Cinkler. Segment shared protection in mesh communications networks with bandwidth guaranteed tunnels. *IEEE/ACM Transactions on Networking*, 12(6):1105–1118, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See comments [LYL07].

Hu:1993:DCA

[Hu93] Limin Hu. Distributed code assignments for CDMA Packet Radio Network. *IEEE/ACM Transactions on Networking*, 1(6):668–677, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p668-hu/`.

Hohn:2006:IST

[HV06] Nicolas Hohn and Darryl Veitch. Inverting sampled traffic. *IEEE/ACM Transactions on Networking*, 14(1):68–80, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hobson:1999:PEP

[HW99] Richard F. Hobson and P. S. Wong. A parallel embedded-processor architecture for ATM reassembly. *IEEE/ACM Transactions on Networking*, 7(1):23–37, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/1999-7-1/p23-hobson/.

Huang:2012:CSG

[HW12] Wentao Huang and Xinbing Wang. Capacity scaling of general cognitive networks. *IEEE/ACM Transactions on Networking*, 20(5):1501–1513, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hua:2011:BNE

[HXLZ11] Nan Hua, Jun Xu, Bill Lin, and Haiquan Zhao. BRICK: a novel exact active statistics counter architecture. *IEEE/ACM Transactions on Networking*, 19(3):670–682, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hua:2008:ORD

[HY08] Cunqing Hua and Tak-Shing Peter Yum. Optimal routing and data aggregation for maximizing lifetime of wireless sensor networks. *IEEE/ACM Transactions on Networking*, 16 (4):892–903, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hu:2010:FBS

[HY10] Bing Hu and Kwan L. Yeung. Feedback-based scheduling for load-balanced two-stage switches. *IEEE/ACM Transactions on Networking*, 18(4):1077–1090, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Hande:2007:DRA

[HZC07] Prashanth Hande, Shengyu Zhang, and Mung Chiang. Distributed rate allocation for inelastic flows. *IEEE/ACM Transactions on Networking*, 15(6):1240–1253, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Huang:2016:WBM

[HZCL16] Longbo Huang, Shaoquan Zhang, Minghua Chen, and Xin Liu. When backpressure meets predictive scheduling. *IEEE/ACM Transactions on Networking*, 24(4):2237–2250, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Han:2016:TUB

[HZL16] Kai Han, Chi Zhang, and Jun Luo. Taming the uncertainty: budget limited robust crowdsensing

through online learning. *IEEE/ACM Transactions on Networking*, 24(3):1462–1475, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iyengar:2006:CMT

[IAS06] Janardhan R. Iyengar, Paul D. Amer, and Randall Stewart. Concurrent multipath transfer using SCTP multihoming over independent end-to-end paths. *IEEE/ACM Transactions on Networking*, 14(5):951–964, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iness:1995:GGS

[IBM95] Jason Iness, Subrata Banerjee, and Biswanath Mukherjee. GEMNET: a generalized, shuffle-exchange-based, regular, scalable, modular, multihop, WDM lightwave network. *IEEE/ACM Transactions on Networking*, 3(4):470–476, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p470-iness/`.

Intanagonwiwat:2003:DDW

[IGE+03] Chalermek Intanagonwiwat, Ramesh Govindan, Deborah Estrin, John Heidemann, and Fabio Silva. Directed diffusion for wireless sensor networking. *IEEE/ACM Transactions on Networking*, 11(1):2–16, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iosifidis:2015:DAM

[IGHT15] George Iosifidis, Lin Gao, Jianwei Huang, and Leandros Tassiulas. A double-auction mechanism for mobile data-offloading markets. *IEEE/ACM Transactions on Networking*, 23(5):1634–1647, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ioannou:2007:PHP

[IK07] Aggelos Ioannou and Manolis G. H. Katevenis. Pipelined heap (priority queue) management for advanced scheduling in high-speed networks. *IEEE/ACM Transactions on Networking*, 15(2):450–461, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Issariyakul:2009:AFC

[IK09] Teerawat Issariyakul and Vikram Krishnamurthy. Amplify-and-forward cooperative diversity wireless networks: model, analysis,

and monotonicity properties. *IEEE/ACM Transactions on Networking*, 17(1): 225–238, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Imon:2015:EER

[IKDD15] Sk Kajal Arefin Imon, Adnan Khan, Mario Di Francesco, and Sajal K. Das. Energy-efficient randomized switching for maximizing lifetime in tree-based wireless sensor networks. *IEEE/ACM Transactions on Networking*, 23(5):1401–1415, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iyer:2008:DPB

[IKM08] Sundar Iyer, Ramana Rao Kompella, and Nick McKeown. Designing packet buffers for router linecards. *IEEE/ACM Transactions on Networking*, 16(3):705–717, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iliadis:2000:OPC

[Ili00] Ilias Iliadis. Optimal PNNI complex node representations for restrictive costs and minimal path computation time. *IEEE/ACM Transactions on Networking*, 8(4):493–506, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p493-iliadis/`.

Izmailov:1997:DAC

[ILS97] Rauf Izmailov, Duan-Shin Lee, and Bhaskar Sengupta. Design and analysis of a congestion-free overlay on a high-speed network. *IEEE/ACM Transactions on Networking*, 5(6):970–980, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p970-izmailov/`.

Iyer:2003:APP

[IM03] Sundar Iyer and Nick W. McKeown. Analysis of the parallel packet switch architecture. *IEEE/ACM Transactions on Networking*, 11(2):314–324, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iliadis:2008:PST

[IM08] Ilias Iliadis and Cyriel Minkenberg. Performance of a speculative transmission scheme for scheduling-latency reduction. *IEEE/ACM Transactions on Net-*

working, 16(1):182–195, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Iraschko:1998:OCP

[IMG98] Rainer R. Iraschko, M. H. MacGregor, and Wayne D. Grover. Optimal capacity placement for path restoration in STM or ATM mesh-survivable networks. *IEEE/ACM Transactions on Networking*, 6(3):325–336, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p325-iraschko/`.

I:1997:PMM

[IPG97] Chih-Lin I., Gregory P. Pollini, and Richard D. Gitlin. PCS mobility management using the reverse virtual call setup algorithm. *IEEE/ACM Transactions on Networking*, 5(1):13–24, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p13-i/`.

Iatrou:2000:DRS

[IS00] Steve Iatrou and Ioannis Stavrakakis. A dynamic regulation and scheduling scheme for real-time traffic management. *IEEE/ACM Transactions on Networking*, 8(1):60–70, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p60-iatrou/`.

Iida:2001:DAC

[ITSO01] Katsuyoshi Iida, Tetsuya Takine, Hideki Sunahara, and Yuji Oie. Delay analysis for CBR traffic under static-priority scheduling. *IEEE/ACM Transactions on Networking*, 9(2):177–185, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p177-iida/p177-iida.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p177-iida/`.

Inaltekin:2008:ANE

[IW08] Hazer Inaltekin and Stephen B. Wicker. The analysis of Nash equilibria of the one-shot random-access game for wireless networks and the behavior of selfish nodes. *IEEE/ACM Transactions on Networking*, 16(5):1094–1107, October 2008. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Ivanovich:2000:SDM

[IZC00] Milosh Ivanovich, Moshe Zukerman, and Fraser Cameron. A study of deadlock models for a multiservice medium access protocol employing a Slotted Aloha signalling channel. *IEEE/ACM Transactions on Networking*, 8(6): 800–811, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p800-ivanovich/p800-ivanovich.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p800-ivanovich/`.

Ji:2010:OSA

[JAS10] Tianxiong Ji, Eleftheria Athanasopoulou, and R. Srikant. On optimal scheduling algorithms for small generalized switches. *IEEE/ACM Transactions on Networking*, 18(5):1585–1598, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2011:HBS

[JAW11] Libin Jiang, Venkat Anantharam, and Jean Walrand. How bad are selfish investments in network security? *IEEE/ACM Transactions on Networking*, 19 (2):549–560, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2007:PPC

[JBDF07] Yasong Jin, Soshant Bali, Tyrone E. Duncan, and Victor S. Frost. Predicting properties of congestion events for a queueing system with fBm traffic. *IEEE/ACM Transactions on Networking*, 15(5): 1098–1108, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joseph:2016:ORA

[JBR16] Vinay Joseph, Sem Borst, and Martin I. Reiman. Optimal rate allocation for video streaming in wireless networks with user dynamics. *IEEE/ACM Transactions on Networking*, 24 (2):820–835, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2013:DDC

[JC13] Shouling Ji and Zhipeng Cai. Distributed data collection in large-scale asynchronous wireless sensor networks under the generalized physical interference model. *IEEE/ACM Transactions on Networking*,

21(4):1270–1283, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jeong:1995:DPE

[JCJ95] Dong Guen Jeong, Chong-Ho Choi, and Wha Sook Jeon. Design and performance evaluation of a new medium access control protocol for local wireless data communications. *IEEE/ACM Transactions on Networking*, 3(6):742–752, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p742-jeong/`.

Jain:2003:EEA

[JD03] Manish Jain and Constantinos Dovrolis. End-to-end available bandwidth: measurement methodology, dynamics, and relation with TCP throughput. *IEEE/ACM Transactions on Networking*, 11(4):537–549, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jamin:1997:MAC

[JDSZ97] Sugih Jamin, Peter B. Danzig, Scott J. Shenker, and Lixia Zhang. A measurement-based admission control algorithm for integrated service packet networks. *IEEE/ACM Transactions on Networking*, 5(1):56–70, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p56-jamin/`.

Jukan:2004:PSM

[JF04] Admela Jukan and Gerald Franzl. Path selection methods with multiple constraints in service-guaranteed WDM networks. *IEEE/ACM Transactions on Networking*, 12 (1):59–72, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2007:CHS

[JGKT07] Ping Ji, Zihui Ge, Jim Kurose, and Don Towsley. A comparison of hard-state and soft-state signaling protocols. *IEEE/ACM Transactions on Networking*, 15(2):281–294, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2014:LCS

[JGLS14] Bo Ji, Gagan R. Gupta, Xiaojun Lin, and Ness B. Shroff. Low-complexity scheduling policies for achieving throughput and

asymptotic delay optimality in multichannel wireless networks. *IEEE/ACM Transactions on Networking*, 22(6):1911–1924, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2003:STF

[JGMB03] Shudong Jin, Liang Guo, Ibrahim Matta, and Azer Bestavros. A spectrum of TCP-friendly window-based congestion control algorithms. *IEEE/ACM Transactions on Networking*, 11(3):341–355, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2015:AOT

[JGS+15] Bo Ji, Gagan R. Gupta, Manu Sharma, Xiaojun Lin, and Ness B. Shroff. Achieving optimal throughput and near-optimal asymptotic delay performance in multichannel wireless networks with low complexity: a practical greedy scheduling policy. *IEEE/ACM Transactions on Networking*, 23(3):880–893, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2005:PBL

[JHR05] Shengming Jiang, Dajiang He, and Jianqiang Rao. A prediction-based link availability estimation for routing metrics in MANETs. *IEEE/ACM Transactions on Networking*, 13(6):1302–1312, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jia:1998:DAD

[Jia98] Xiaohua Jia. A distributed algorithm of delay-bounded multicast routing for multimedia applications in wide area networks. *IEEE/ACM Transactions on Networking*, 6(6):828–837, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p828-jia/`. See comments [HL05].

Jiang:2006:PDP

[Jia06] Yuming Jiang. Per-domain packet scale rate guarantee for expedited forwarding. *IEEE/ACM Transactions on Networking*, 14(3):630–643, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jaiswal:2007:MCS

[JID+07] Sharad Jaiswal, Gianluca Iannaccone, Christophe Diot, Jim Kurose, and Don Towsley. Measurement

and classification of out-of-sequence packets in a Tier-1 IP backbone. *IEEE/ACM Transactions on Networking*, 15(1):54–66, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2012:DIP

[JIN+12] Hongbo Jiang, Arun Iyengar, Erich Nahum, Wolfgang Segmuller, Asser N. Tantawi, and Charles P. Wright. Design, implementation, and performance of a load balancer for SIP server clusters. *IEEE/ACM Transactions on Networking*, 20(4):1190–1202, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2008:FDC

[JJ08] Nan Jin and Scott Jordan. On the feasibility of dynamic congestion-based pricing in differentiated services networks. *IEEE/ACM Transactions on Networking*, 16(5):1001–1014, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2015:FLC

[JJL15] Hu Jin, Bang Chul Jung, and Victor C. M. Leung. Fundamental limits of CDF-based scheduling: throughput, fairness, and feedback overhead. *IEEE/ACM Transactions on Networking*, 23(3):894–907, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2013:DBB

[JJS13a] Bo Ji, Changhee Joo, and Ness B. Shroff. Delay-based back-pressure scheduling in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 21(5):1539–1552, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ji:2013:TOS

[JJS13b] Bo Ji, Changhee Joo, and Ness B. Shroff. Throughput-optimal scheduling in multihop wireless networks without per-flow information. *IEEE/ACM Transactions on Networking*, 21(2):634–647, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jordan:2004:VOB

[JJSS04] Scott Jordan, Kalpana Jogi, Chunlin Shi, and Ikhlaq Sidhu. The variation of optimal bandwidth and buffer allocation with the number of sources. *IEEE/ACM Transactions on Networking*, 12(6):1093–1104,

December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jacob:1996:DPS

[JK96] Lillykutty Jacob and Anurag Kumar. Delay performance of some scheduling strategies in an input queuing ATM switch with multiclass bursty traffic. *IEEE/ACM Transactions on Networking*, 4(2):258–271, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p258-jacob/`.

Jin:2005:DUP

[JK05] Youngmi Jin and George Kesidis. Dynamics of usage-priced communication networks: the case of a single bottleneck resource. *IEEE/ACM Transactions on Networking*, 13(5):1041–1053, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jarray:2015:DAV

[JK15] Abdallah Jarray and Ahmed Karmouch. Decomposition approaches for virtual network embedding with one-shot node and link mapping. *IEEE/ACM Transactions on Networking*, 23 (3):1012–1025, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2013:DDN

[JKJ13] Youngmi Jin, George Kesidis, and Ju Wook Jang. Diffusion dynamics of network technologies with bounded rational users: aspiration-based learning. *IEEE/ACM Transactions on Networking*, 21(1):28–40, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ju:1998:OTS

[JL98] Ji-Her Ju and Victor O. K. Li. An optimal topology-transparent scheduling method in multihop packet radio networks. *IEEE/ACM Transactions on Networking*, 6 (3):298–306, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p298-ju/`.

Jindal:2012:NCW

[JL12a] Apoorva Jindal and Mingyan Liu. Networked computing in wireless sensor networks for structural health monitoring. *IEEE/ACM Transactions on Networking*, 20(4):1203–1216,

August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jung:2012:OSA

[JL12b] Eric Jung and Xin Liu. Opportunistic spectrum access in multiple-primary-user environments under the packet collision constraint. *IEEE/ACM Transactions on Networking*, 20 (2):501–514, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Johnston:2015:ROA

[JLM15] Matthew Johnston, Hyang-Won Lee, and Eytan Modiano. A robust optimization approach to backup network design with random failures. *IEEE/ACM Transactions on Networking*, 23(4):1216–1228, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joo:2016:DGA

[JLRS16] Changhee Joo, Xiaojun Lin, Jiho Ryu, and Ness B. Shroff. Distributed greedy approximation to maximum weighted independent set for scheduling with fading channels. *IEEE/ACM Transactions on Networking*, 24(3):1476–1488, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joo:2009:UCR

[JLS09] Changhee Joo, Xiaojun Lin, and Ness B. Shroff. Understanding the capacity region of the Greedy maximal scheduling algorithm in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 17(4):1132–1145, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiao:2016:OCO

[JLX+16] Lei Jiao, Jun Li, Tianyin Xu, Wei Du, and Xiaoming Fu. Optimizing cost for online social networks on geo-distributed clouds. *IEEE/ACM Transactions on Networking*, 24 (1):99–112, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jue:2000:MMP

[JM00] Jason P. Jue and Biswanath Mukherjee. Multiconfiguration multihop protocols: a new class of protocols for packet-switched WDM optical networks. *IEEE/ACM Transactions on Networking*, 8(5):631–642, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/2000-8-5/p631-jue/.

Jia:1995:SVM

[JMI95] Feiling Jia, Biswanath Mukherjee, and Jason Iness. Scheduling variable-length messages in a single-hop multichannel local lightwave network. *IEEE/ACM Transactions on Networking*, 3(4):477–488, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p477-jia/.

Jagannathan:2012:QLA

[JMMT12] Krishna Jagannathan, Mihalis Markakis, Eytan Modiano, and John N. Tsitsiklis. Queue-length asymptotics for generalized max-weight scheduling in the presence of heavy-tailed traffic. *IEEE/ACM Transactions on Networking*, 20(4):1096–1111, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jelenkovic:2007:SWN

[JMS07] Predrag R. Jelenković, Petar Momčilović, and Mark S. Squillante. Scalability of wireless networks. *IEEE/ACM Transactions on Networking*, 15(2):295–308, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jaramillo:2008:PFN

[JMS08] Juan José Jaramillo, Fabio Milan, and R. Srikant. Padded frames: a novel algorithm for stable scheduling in load-balanced switches. *IEEE/ACM Transactions on Networking*, 16(5):1212–1225, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jindal:2009:ARR

[JP09] Apoorva Jindal and Konstantinos Psounis. The achievable rate region of 802.11-scheduled multihop networks. *IEEE/ACM Transactions on Networking*, 17(4):1118–1131, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jindal:2013:ECC

[JP13] Apoorva Jindal and Konstantinos Psounis. On the efficiency of csma-ca scheduling in wireless multihop networks. *IEEE/ACM Transactions on Networking*, 21(5):1392–1406, October 2013. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Jiang:2008:SNC

[JPH08] Xiaohong Jiang, Achille Pattavina, and Susumu Horiguchi. Strictly nonblocking f-cast photonic networks. *IEEE/ACM Transactions on Networking*, 16(3):732–745, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jamjoom:2004:RCB

[JPS04] Hani Jamjoom, Padmanabhan Pillai, and Kang G. Shin. Resynchronization and controllability of bursty service requests. *IEEE/ACM Transactions on Networking*, 12(4):582–594, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:1996:PCB

[JR96] Hua Jiang and Stephen S. Rappaport. Prioritized channel borrowing without locking: a channel sharing strategy for cellular communications. *IEEE/ACM Transactions on Networking*, 4(2):163–172, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p163-jiang/`.

Jahromizadeh:2014:JRC

[JR14] Soroush Jahromizadeh and Veselin Rakocevic. Joint rate control and scheduling for providing bounded delay with high efficiency in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 22(5):1686–1698, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2015:PPA

[JRL15] Wanchun Jiang, Fengyuan Ren, and Chuang Lin. Phase plane analysis of quantized congestion notification for data center Ethernet. *IEEE/ACM Transactions on Networking*, 23 (1):1–14, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jayavelu:2009:MCT

[JRY09] Giridhar Jayavelu, Srinivasan Ramasubramanian, and Ossama Younis. Maintaining colored trees for disjoint multipath routing under node failures. *IEEE/ACM Transactions on Networking*, 17(1):346–359, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jamjoom:2006:RCP

[JS06] Hani Jamjoom and Kang G. Shin. On the role and controllability of persistent clients in traffic aggregates. *IEEE/ACM Transactions on Networking*, 14(2):410–423, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joo:2009:PRA

[JS09] Changhee Joo and Ness B. Shroff. Performance of random access scheduling schemes in multi-hop wireless networks. *IEEE/ACM Transactions on Networking*, 17(5):1481–1493, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jaramillo:2011:OSF

[JS11] Juan José Jaramillo and R. Srikant. Optimal scheduling for fair resource allocation in ad hoc networks with elastic and inelastic traffic. *IEEE/ACM Transactions on Networking*, 19(4):1125–1136, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jang:2012:IST

[JS12] Beakcheol Jang and Mihail L. Sichitiu. IEEE 802.11 saturation throughput analysis in the presence of hidden terminals. *IEEE/ACM Transactions on Networking*, 20(2):557–570, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joo:2014:DPN

[JS14] Changhee Joo and Ness B. Shroff. On the delay performance of in-network aggregation in lossy wireless sensor networks. *IEEE/ACM Transactions on Networking*, 22(2):662–673, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jung:2002:DPE

[JSBM02] Jaeyeon Jung, Emil Sit, Hari Balakrishnan, and Robert Morris. DNS performance and the effectiveness of caching. *IEEE/ACM Transactions on Networking*, 10(5):589–603, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2003:BBC

[JSuRKH03] Xiaohong Jiang, Hong Shen, Md. Mamun ur Rashid Khandker, and Susumu Horiguchi. Blocking behaviors of crosstalk-free optical Banyan networks on vertical stacking. *IEEE/ACM Transac-*

tions on Networking, 11(6): 982–993, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2014:IFE

[JSZ14] Junchen Jiang, Vyas Sekar, and Hui Zhang. Improving fairness, efficiency, and stability in HTTP-based adaptive video streaming with Festive. *IEEE/ACM Transactions on Networking*, 22(1):326–340, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Johari:2001:EEC

[JT01] Ramesh Johari and David Kim Hong Tan. End-to-end congestion control for the Internet: delays and stability. *IEEE/ACM Transactions on Networking*, 9(6): 818–832, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jin:2005:DCB

[JVJ05] Nan Jin, Gayathri Venkitachalam, and Scott Jordan. Dynamic congestion-based pricing of bandwidth and buffer. *IEEE/ACM Transactions on Networking*, 13(6):1233–1246, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jain:2006:CMU

[JVY06] Kamal Jain, Vijay V. Vazirani, and Gideon Yuval. On the capacity of multiple unicast sessions in undirected graphs. *IEEE/ACM Transactions on Networking*, 14(SI):2805–2809, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2010:DCA

[JW10] Libin Jiang and Jean Walrand. A distributed CSMA algorithm for throughput and utility maximization in wireless networks. *IEEE/ACM Transactions on Networking*, 18(3):960–972, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2011:ATO

[JW11] Libin Jiang and Jean Walrand. Approaching throughput-optimality in distributed CSMA scheduling algorithms with collisions. *IEEE/ACM Transactions on Networking*, 19 (3):816–829, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joe-Wong:2015:OSN

[JWSH15] Carlee Joe-Wong, Soumya Sen, and Sangtae Ha. Offering supplementary network technologies: adoption behavior and offloading benefits. *IEEE/ACM Transactions on Networking*, 23(2):355–368, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Joe-Wong:2013:MAF

[JWSLC13] Carlee Joe-Wong, Soumya Sen, Tian Lan, and Mung Chiang. Multiresource allocation: fairness-efficiency tradeoffs in a unifying framework. *IEEE/ACM Transactions on Networking*, 21(6):1785–1798, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jeong:2016:EEW

[JYC+16] Jaeseong Jeong, Yung Yi, Jeong-Woo Cho, Do Young Eun, and Song Chong. Energy-efficient Wi-Fi sensing policy under generalized mobility patterns with aging. *IEEE/ACM Transactions on Networking*, 24(4):2416–2428, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jiang:2015:CBS

[JYT+15] Hongbo Jiang, Tianlong Yu, Chen Tian, Guang Tan, and Chonggang Wang. Connectivity-based segmentation in large-scale 2-D/3-D sensor networks: algorithm and applications. *IEEE/ACM Transactions on Networking*, 23(1):15–27, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Jian:2011:AML

[JZC11] Ying Jian, Ming Zhang, and Shigang Chen. Achieving MAC-layer fairness in CSMA/CA networks. *IEEE/ACM Transactions on Networking*, 19(5):1472–1484, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Konstantopoulos:1995:OFC

[KA95] Takis Konstantopoulos and Venkat Anantharam. Optimal flow control schemes that regulate the burstiness of traffic. *IEEE/ACM Transactions on Networking*, 3(4):423–432, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p423-konstantopoulos/`.

Karasan:1998:EWR

[KA98] Ezhan Karasan and Ender Ayanoglu. Effects of wavelength routing and selection algorithms on wavelength conversion gain in WDM optical networks. *IEEE/ACM Transactions on Networking*, 6(2):186–196, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p186-karasan/`.

Keon:2003:OPM

[KA03] Neil J. Keon and G. Anandalingam. Optimal pricing for multiple services in telecommunications networks offering quality-of-service guarantees. *IEEE/ACM Transactions on Networking*, 11(1):66–80, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kavitha:2014:FSC

[KAEAS14] Veeraruna Kavitha, Eitan Altman, R. El-Azouzi, and Rajesh Sundaresan. Fair scheduling in cellular systems in the presence of noncooperative mobiles. *IEEE/ACM Transactions on Networking*, 22(2):580–594, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kaiserswerth:1993:PPE

[Kai93] Matthias Kaiserswerth. The Parallel Protocol Engine. *IEEE/ACM Transactions on Networking*, 1(6):650–663, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p650-kaiserswerth/`.

Kamal:1996:PMP

[Kam96] Ahmed E. Kamal. Performance modeling of partial packet discarding using the end-of-packet indicator in AAL type 5. *IEEE/ACM Transactions on Networking*, 4(6):929–940, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p929-kamal/`.

Kamal:2010:NPM

[Kam10] Ahmed E. Kamal. $1 + N$ network protection for mesh networks: network coding-based protection using p-cycles. *IEEE/ACM Transactions on Networking*, 18(1):67–80, February 2010. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Kumar:2007:NIF

[KAMG07] Anurag Kumar, Eitan Altman, Daniele Miorandi, and Munish Goyal. New insights from a fixed-point analysis of single cell IEEE 802.11 WLANs. *IEEE/ACM Transactions on Networking*, 15(3):588–601, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karbowski:2003:CSF

[Kar03] Andrzej Karbowski. Comments on "Optimization flow control, I: Basic algorithm and convergence". *IEEE/ACM Transactions on Networking*, 11(2):338–339, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [LL99].

Karsten:2006:CEI

[Kar06] Martin Karsten. Collected experience from implementing RSVP. *IEEE/ACM Transactions on Networking*, 14(4):767–778, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karsten:2010:AGP

[Kar10] Martin Karsten. Approximation of generalized processor sharing with interleaved stratified timer wheels. *IEEE/ACM Transactions on Networking*, 18 (3):708–721, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kavurmacioglu:2016:CPC

[KAS16] Emir Kavurmacioglu, Murat Alanyali, and David Starobinski. Competition in private commons: price war or market sharing? *IEEE/ACM Transactions on Networking*, 24(1):29–42, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krishnamurthy:2001:PBM

[KAZ01] Srikanth V. Krishnamurthy, Anthony S. Acampora, and Michele Zorzi. Polling-based media access protocols for use with smart adaptive array antennas. *IEEE/ACM Transactions on Networking*, 9(2):148–161, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p148-krishnamurthy/p148-krishnamurthy.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p148-krishnamurthy/`.

Kasbekar:2011:LCG

[KBS11] Gaurav S. Kasbekar, Yigal Bejerano, and Saswati Sarkar. Lifetime and coverage guarantees through distributed coordinate-free sensor activation. *IEEE/ACM Transactions on Networking*, 19(2):470–483, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kasbekar:2012:GCV

[KBS12] Gaurav S. Kasbekar, Yigal Bejerano, and Saswati Sarkar. Generic coverage verification without location information using dimension reduction. *IEEE/ACM Transactions on Networking*, 20(6):1991–2004, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2013:RBW

[KBV+13] Tae-Suk Kim, Ioannis Broustis, Serdar Vural, Dimitris Syrivelis, Shailendra Singh, Srikanth V. Krishnamurthy, and Thomas F. La Porta. Realizing the benefits of wireless network coding in multirate settings. *IEEE/ACM Transactions on Networking*, 21 (3):950–962, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krupczak:1997:IPR

[KCA97] Bobby Krupczak, Kenneth L. Calvert, and Mostafa H. Ammar. Increasing the portability and re-usability of protocol code. *IEEE/ACM Transactions on Networking*, 5(4):445–459, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p445-krupczak/`.

Kong:2003:NSS

[KCB03] Peng-Yong Kong, Kee-Chaing Chua, and Brahim Bensaou. A novel scheduling scheme to share dropping ratio while guaranteeing a delay bound in a multiCode-CDMA network. *IEEE/ACM Transactions on Networking*, 11 (6):994–1006, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwak:2016:PNS

[KCCM16] Jeongho Kwak, Okyoung Choi, Song Chong, and Prasant Mohapatra. Processor-network speed scaling for energy: delay tradeoff in smartphone applications. *IEEE/ACM Transactions on Networking*, 24(3):1647–1660, June 2016. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Kim:2016:QAS

[KCM16] Joongheon Kim, Giuseppe Caire, and Andreas F. Molisch. Quality-aware streaming and scheduling for device-to-device video delivery. *IEEE/ACM Transactions on Networking*, 24(4):2319–2331, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Keralapura:2008:RCC

[KCTI08] Ram Keralapura, Chen-Nee Chuah, Nina Taft, and Gianluca Iannaccone. Race conditions in coexisting overlay networks. *IEEE/ACM Transactions on Networking*, 16(1):1–14, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2000:PSR

[KD00] Dongsoo S. Kim and Ding-Zhu Du. Performance of split routing algorithm for three-stage multicast networks. *IEEE/ACM Transactions on Networking*, 8 (4):526–534, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p526-kim/`.

Kim:2010:LDS

[KD10] Hongseok Kim and Gustavo De Veciana. Leveraging dynamic spare capacity in wireless systems to conserve mobile terminals' energy. *IEEE/ACM Transactions on Networking*, 18(3): 802–815, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khabbazian:2015:BIW

[KDHK15] Majid Khabbazian, Stephane Durocher, Alireza Haghnegahdar, and Fabian Kuhn. Bounding interference in wireless ad hoc networks with nodes in random position. *IEEE/ACM Transactions on Networking*, 23(4): 1078–1091, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2012:DOU

[KDYV12] Hongseok Kim, Gustavo De Veciana, Xiangying Yang, and Muthaiah Venkatachalam. Distributed α-optimal user association and cell load balancing in wireless networks. *IEEE/ACM Transactions on Networking*, 20(1):177–190, February 2012. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Kashef:2016:OPR

[KE16] Mohamed Kashef and Anthony Ephremides. Optimal partial relaying for energy-harvesting wireless networks. *IEEE/ACM Transactions on Networking*, 24(1):113–122, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krishnamurthy:2008:ASS

[KEAAH08] Supriya Krishnamurthy, Sameh El-Ansary, Erik Aurell, and Seif Haridi. An analytical study of a structured overlay in the presence of dynamic membership. *IEEE/ACM Transactions on Networking*, 16 (4):814–825, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koksal:2013:CWN

[KES13] C. Emre Koksal, Ozgur Ercetin, and Yunus Sarikaya. Control of wireless networks with secrecy. *IEEE/ACM Transactions on Networking*, 21(1):324–337, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khisti:2006:FLS

[KEW06] Ashish Khisti, Uri Erez, and Gregory W. Wornell. Fundamental limits and scaling behavior of cooperative multicasting in wireless networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2762–2770, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kousa:1999:PAN

[KEY99] Maan A. Kousa, Ahmed K. Elhakeem, and Hui Yang. Performance of ATM networks under hybrid ARQ/FEC error control scheme. *IEEE/ACM Transactions on Networking*, 7(6):917–925, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p917-kousa/`.

Kong:1999:MSS

[KG99] Keith Kong and Dipak Ghosal. Mitigating server-side congestion in the Internet through pseudoserving. *IEEE/ACM Transactions on Networking*, 7(4):530–544, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1999-7-4/p530-kong/.

Koskie:2005:NGA

[KG05] Sarah Koskie and Zoran Gajic. A Nash game algorithm for SIR-based power control in 3G wireless CDMA networks. *IEEE/ACM Transactions on Networking*, 13(5):1017–1026, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ko:2010:EBI

[KG10] Young Myoung Ko and Natarajan Gautam. Epidemic-based information dissemination in wireless mobile sensor networks. *IEEE/ACM Transactions on Networking*, 18(6):1738–1751, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwon:2016:TSP

[KG16] Soongeol Kwon and Natarajan Gautam. Time-stable performance in parallel queues with non-homogeneous and multi-class workloads. *IEEE/ACM Transactions on Networking*, 24(3):1322–1335, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwong:2011:FEP

[KGGZ11] Kin-Wah Kwong, Lixin Gao, Roch Guérin, and Zhi-Li Zhang. On the feasibility and efficacy of protection routing in IP networks. *IEEE/ACM Transactions on Networking*, 19(5):1543–1556, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karol:2003:PDL

[KGL03] Mark Karol, S. Jamaloddin Golestani, and David Lee. Prevention of deadlocks and livelocks in lossless backpressured packet networks. *IEEE/ACM Transactions on Networking*, 11(6):923–934, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khalili:2013:MPO

[KGPL13] Ramin Khalili, Nicolas Gast, Miroslav Popovic, and Jean-Yves Le Boudec. MPTCP is not Pareto-optimal: performance issues and a possible solution. *IEEE/ACM Transactions on Networking*, 21(5): 1651–1665, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Komolafe:2007:HFR

[KH07] Olufemi Komolafe and David Harle. An holistic framework for regular virtual topology design. *IEEE/ACM Transactions on Networking*, 15(6): 1555–1564, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2015:DAM

[KH15] Yunbae Kim and Ganguk Hwang. Design and analysis of medium access protocol: throughput and short-term fairness perspective. *IEEE/ACM Transactions on Networking*, 23(3):959–972, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kvalbein:2009:MRC

[KHČ+09] Amund Kvalbein, Audun Fosselie Hansen, Tarik Čičic, Stein Gjessing, and Olav Lysne. Multiple routing configurations for fast IP network recovery. *IEEE/ACM Transactions on Networking*, 17(2):473–486, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khan:2014:SSF

[KHG+14] Faisal Khan, Nicholas Hosein, Soheil Ghiasi, Chen-Nee Chuah, and Puneet Sharma. Streaming solutions for fine-grained network traffic measurements and analysis. *IEEE/ACM Transactions on Networking*, 22(2):377–390, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Keys:2013:ISI

[KHLC13] Ken Keys, Young Hyun, Matthew Luckie, and Kim Claffy. Internet-scale IPv4 alias resolution with MIDAR. *IEEE/ACM Transactions on Networking*, 21 (2):383–399, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kasera:2000:SRM

[KHTK00] Sneha Kumar Kasera, Gísli Hjálmtýsson, Donald F. Towsley, and James F. Kurose. Scalable reliable multicast using multiple multicast channels. *IEEE/ACM Transactions on Networking*, 8(3):294–310, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p294-kasera/`.

Koutsonikolas:2012:PHT

[KHW12] Dimitrios Koutsonikolas, Y. Charlie Hu, and Chih-

Chun Wang. Pacifier: high-throughput, reliable multicast without "crying babies" in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 20(5):1375–1388, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:1994:DPM

[Kim94] Hyong S. Kim. Design and performance of Multinet switch: a multistage ATM switch architecture with partially shared buffers. *IEEE/ACM Transactions on Networking*, 2(6):571–580, December 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p571-kim/`.

Kim:1998:DSG

[Kim98] Peter Kim. Deterministic service guarantees in IEEE 802.12 networks — part I: the single-hub case. *IEEE/ACM Transactions on Networking*, 6(5):645–658, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p645-kim/`.

Kulkarni:2006:ALI

[KIR06] Sunil Kulkarni, Aravind Iyer, and Catherine Rosenberg. An address-light, integrated MAC and routing protocol for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 14(4):793–806, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karnik:2008:TOC

[KIR08] Aditya Karnik, Aravind Iyer, and Catherine Rosenberg. Throughput-optimal configuration of fixed wireless networks. *IEEE/ACM Transactions on Networking*, 16(5):1161–1174, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kalyanaraman:2000:ESA

[KJF+00] Shivkumar Kalyanaraman, Raj Jain, Sonia Fahmy, Rohit Goyal, and Bobby Vandalore. The ERICA switch algorithm for ABR traffic management in ATM networks. *IEEE/ACM Transactions on Networking*, 8(1):87–98, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p87-kalyanaraman/`.

Kessler:1993:CFR

[KK93] Ilan Kessler and Arvind Krishna. On the cost of fairness in ring networks. *IEEE/ACM Transactions on Networking*, 1(3):306–313, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p306-kessler/`.

Kim:2000:BAW

[KK00] Jeong Geun Kim and Marwan M. Krunz. Bandwidth allocation in wireless networks with guaranteed packet-loss performance. *IEEE/ACM Transactions on Networking*, 8 (3):337–349, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p337-kim/`.

Kim:2003:PAM

[KK03a] Hakyong Kim and Kiseon Kim. Performance analysis of the multiple input-queued packet switch with the restricted rule. *IEEE/ACM Transactions on Networking*, 11(3):478–487, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Korkmaz:2003:BDC

[KK03b] Turgay Korkmaz and Marwan Krunz. Bandwidth-delay constrained path selection under inaccurate state information. *IEEE/ACM Transactions on Networking*, 11(3):384–398, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karnik:2005:PTC

[KK05] Aditya Karnik and Anurag Kumar. Performance of TCP congestion control with explicit rate feedback. *IEEE/ACM Transactions on Networking*, 13(1):108–120, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kuzmanovic:2006:LRT

[KK06a] Aleksandar Kuzmanovic and Edward W. Knightly. Low-rate TCP-targeted denial of service attacks and counter strategies. *IEEE/ACM Transactions on Networking*, 14(4):683–696, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kuzmanovic:2006:TLL

[KK06b] Aleksandar Kuzmanovic and Edward W. Knightly. TCP-LP: low-priority ser-

vice via end-point congestion control. *IEEE/ACM Transactions on Networking*, 14(4):739–752, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karnik:2007:DOS

[KK07] Aditya Karnik and Anurag Kumar. Distributed optimal self-organization in ad hoc wireless sensor networks. *IEEE/ACM Transactions on Networking*, 15(5):1035–1045, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kozica:2012:QTP

[KK12] Ermin Kozica and W. Bastiaan Kleijn. A quantization theoretic perspective on simulcast and layered multicast optimization. *IEEE/ACM Transactions on Networking*, 20 (2):585–593, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kandhway:2016:CHS

[KK16] Kundan Kandhway and Joy Kuri. Campaigning in heterogeneous social networks: optimal control of SI information epidemics. *IEEE/ACM Transactions on Networking*, 24(1):383–396, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Karaca:2013:OSP

[KKEE13] Mehmet Karaca, Karim Khalil, Eylem Ekici, and Ozgur Ercetin. Optimal scheduling and power allocation in cooperate-to-join cognitive radio networks. *IEEE/ACM Transactions on Networking*, 21 (6):1708–1721, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kar:2006:DNA

[KKJ06] Koushik Kar, Ananth Krishnamurthy, and Neeraj Jaggi. Dynamic node activation in networks of rechargeable sensors. *IEEE/ACM Transactions on Networking*, 14(1):15–26, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kar:2003:RRB

[KKL03] Koushik Kar, Murali Kodialam, and T. V. Lakshman. Routing restorable bandwidth guaranteed connections using maximum 2-route flows. *IEEE/ACM Transactions on Networking*, 11(5):772–781, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Keslassy:2005:GSS

[KKLS05] Isaac Keslassy, Murali Kodialam, T. V. Lakshman, and Dimitrios Stiliadis. On guaranteed smooth scheduling for input-queued switches. *IEEE/ACM Transactions on Networking*, 13(6):1364–1375, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kalmanek:1997:XLE

[KKM+97] Charles R. Kalmanek, Srinivasan Keshav, William T. Marshall, Samuel P. Morgan, and Robert C. Restrick III. Xunet 2: lessons from an early wide-area ATM testbed. *IEEE/ACM Transactions on Networking*, 5(1):40–55, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p40-kalmanek/`.

Khanafer:2015:RBP

[KKP15] Ali Khanafer, Murali Kodialam, and Krishna P. N. Puttaswamy. To rent or to buy in the presence of statistical information: the constrained ski-rental problem. *IEEE/ACM Transactions on Networking*, 23(4):1067–1077, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2008:WBA

[KKS+08] Min Sik Kim, Taekhyun Kim, Yong-June Shin, Simon S. Lam, and Edward J. Powers. A wavelet-based approach to detect shared congestion. *IEEE/ACM Transactions on Networking*, 16(4):763–776, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Keslassy:2012:PPG

[KKSS12] Isaac Keslassy, Kirill Kogan, Gabriel Scalosub, and Michael Segal. Providing performance guarantees in multipass network processors. *IEEE/ACM Transactions on Networking*, 20(6):1895–1909, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kadloor:2016:MTS

[KKV16] Sachin Kadloor, Negar Kiyavash, and Parv Venkitasubramaniam. Mitigating timing side channel in shared schedulers. *IEEE/ACM Transactions on Networking*, 24(3):1562–1573, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:1995:TTS

[KL95] Kyeong Soo Kim and Byeong Gi Lee. Three-level traffic shaper and its application to source clock frequency recovery for VBR services in ATM networks. *IEEE/ACM Transactions on Networking*, 3(4):450–458, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p450-kim/`.

Kodialam:2003:DRR

[KL03] Murali Kodialam and T. V. Lakshman. Dynamic routing of restorable bandwidth-guaranteed tunnels using aggregated network resource usage information. *IEEE/ACM Transactions on Networking*, 11(3):399–410, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See comments [LRJ08].

Kang:2007:MBE

[KL07] Seong-Ryong Kang and Dmitri Loguinov. Modeling best-effort and FEC streaming of scalable video in lossy network channels. *IEEE/ACM Transactions on Networking*, 15(1):187–200, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kencl:2008:ALS

[KL08] Lukas Kencl and Jean-Yves Le Boudec. Adaptive load sharing for network processors. *IEEE/ACM Transactions on Networking*, 16 (2):293–306, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kuppuswamy:2009:AAE

[KL09] Kalyan Kuppuswamy and Daniel C. Lee. An analytic approach to efficiently computing call blocking probabilities for multiclass WDM networks. *IEEE/ACM Transactions on Networking*, 17(2):658–670, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kai:2012:ABP

[KL12] Cai Hong Kai and Soung Chang Liew. Applications of belief propagation in CSMA wireless networks. *IEEE/ACM Transactions on Networking*, 20(4):1276–1289, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khakpour:2013:ITA

[KL13] Amir R. Khakpour and Alex X. Liu. An information-theoretical approach to

high-speed flow nature identification. *IEEE/ACM Transactions on Networking*, 21(4):1076–1089, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2015:CBR

[KLC15] Jihwan Kim, Hyang-Won Lee, and Song Chong. CSMA-based robust AP throughput guarantee under user distribution uncertainty. *IEEE/ACM Transactions on Networking*, 23 (3):782–795, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwak:2016:HOM

[KLE16] Jaewook Kwak, Chul-Ho Lee, and Do Young Eun. A high-order Markov-chain-based scheduling algorithm for low delay in CSMA networks. *IEEE/ACM Transactions on Networking*, 24(4):2278–2290, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2011:OST

[KLMW11] Murali Kodialam, T. V. Lakshman, Sarit Mukherjee, and Limin Wang. Online scheduling of targeted advertisements for IPTV. *IEEE/ACM Transactions on Networking*, 19(6):1825–1834, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kristol:1993:PAG

[KLNS93] David M. Kristol, David Lee, Arun N. Netravali, and Krishan Sabnani. A polynomial algorithm for gateway generation from formal specifications. *IEEE/ACM Transactions on Networking*, 1(2):217–229, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p217-kristol/`.

Korilis:1997:ANO

[KLO97] Yannis A. Korilis, Aurel A. Lazar, and Ariel Orda. Achieving network optima using Stackelberg routing strategies. *IEEE/ACM Transactions on Networking*, 5(1):161–173, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p161-korilis/`.

Kodialam:2009:ORH

[KLOS09] Murali Kodialam, T. V. Lakshman, James B. Orlin, and Sudipta Sengupta. Oblivious routing of highly

variable traffic in service overlays and IP backbones. *IEEE/ACM Transactions on Networking*, 17(2):459–472, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2011:EER

[KLOS11] M. Kodialam, T. V. Lakshman, James B. Orlin, and Sudipta Sengupta. End-to-end restorable oblivious routing of hose model traffic. *IEEE/ACM Transactions on Networking*, 19(4): 1223–1236, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kohler:2006:OSA

[KLPS06] Eddie Kohler, Jinyang Li, Vern Paxson, and Scott Shenker. Observed structure of addresses in IP traffic. *IEEE/ACM Transactions on Networking*, 14(6): 1207–1218, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2003:OMR

[KLS03] Murali Kodialam, T. V. Lakshman, and Sudipta Sengupta. Online multicast routing with bandwidth guarantees: a new approach using multicast network flow. *IEEE/ACM Transactions on Networking*, 11(4):676–686, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2009:GPR

[KLS09a] Murali Kodialam, T. V. Lakshman, and Sudipta Sengupta. Guaranteed performance routing of unpredictable traffic with fast path restoration. *IEEE/ACM Transactions on Networking*, 17(5):1427–1438, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2009:LRR

[KLS09b] Murali Kodialam, T. V. Lakshman, and Sudipta Sengupta. Locally restorable routing of highly variable traffic. *IEEE/ACM Transactions on Networking*, 17 (3):752–763, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2011:OAT

[KLS11a] Joohwan Kim, Xiaojun Lin, and Ness B. Shroff. Optimal anycast technique for delay-sensitive energy-constrained asynchronous sensor networks. *IEEE/ACM Transactions on Networking*, 19(2):484–497, April 2011. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Kodialam:2011:TOR

[KLS11b] Murali Kodialam, T. V. Lakshman, and Sudipta Sengupta. Traffic-oblivious routing in the hose model. *IEEE/ACM Transactions on Networking*, 19(3):774–787, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2010:MDM

[KLSS10] Joohwan Kim, Xiaojun Lin, Ness B. Shroff, and Prasun Sinha. Minimizing delay and maximizing lifetime for wireless sensor networks with anycast. *IEEE/ACM Transactions on Networking*, 18(2):515–528, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kompella:2012:RSF

[KLSV12] Ramana Rao Kompella, Kirill Levchenko, Alex C. Snoeren, and George Varghese. Router support for fine-grained latency measurements. *IEEE/ACM Transactions on Networking*, 20(3):811–824, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kuo:2015:MSS

[KLT15] Tung-Wei Kuo, Kate Ching-Ju Lin, and Ming-Jer Tsai. Maximizing submodular set function with connectivity constraint: theory and application to networks. *IEEE/ACM Transactions on Networking*, 23 (2):533–546, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Keung:2012:IDM

[KLZ12] Gabriel Y. Keung, Bo Li, and Qian Zhang. The intrusion detection in mobile sensor network. *IEEE/ACM Transactions on Networking*, 20(4):1152–1161, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koetter:2003:AAN

[KM03] Ralf Koetter and Muriel Médard. An algebraic approach to network coding. *IEEE/ACM Transactions on Networking*, 11 (5):782–795, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kirsch:2008:SSH

[KM08] Adam Kirsch and Michael Mitzenmacher. Simple summaries for hashing with choices. *IEEE/*

ACM Transactions on Networking, 16(1):218–231, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kirsch:2010:POM

[KM10] Adam Kirsch and Michael Mitzenmacher. The power of one move: hashing schemes for hardware. *IEEE/ACM Transactions on Networking*, 18(6):1752–1765, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2012:TLP

[KMH12] Hayang Kim, Xiaoli Ma, and Benjamin Russell Hamilton. Tracking low-precision clocks with time-varying drifts using Kalman filtering. *IEEE/ACM Transactions on Networking*, 20(1):257–270, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kompella:2009:PSR

[KMHS09] Sastry Kompella, Shiwen Mao, Y. Thomas Hou, and Hanif D. Sherali. On path selection and rate allocation for video in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17(1):212–224, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kanakia:1995:ACC

[KMR95] Hemant Kanakia, Partho P. Mishra, and Amy R. Reibman. An adaptive congestion control scheme for real time packet video transport. *IEEE/ACM Transactions on Networking*, 3(6):671–682, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p671-kanakia/`.

Katevenis:2001:WIC

[KMS+01] Manolis G. H. Katevenis, Iakovos Mavroidis, Georgios Sapountzis, Eva Kalyvianaki, Ioannis Mavroidis, and Georgios Glykopoulos. Wormhole IP over (connectionless) ATM. *IEEE/ACM Transactions on Networking*, 9(5):650–661, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kabamba:2005:RAR

[KMT05] Pierre T. Kabamba, Semyon M. Meerkov, and Choon Yik Tang. Ranking and adaptive ranking CDMA. *IEEE/ACM Transactions on Network-*

ing, 13(3):622–635, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kokku:2012:NSV

[KMZR12] Ravi Kokku, Rajesh Mahindra, Honghai Zhang, and Sampath Rangarajan. NVS: a substrate for virtualizing wireless resources in cellular networks. *IEEE/ACM Transactions on Networking*, 20(5):1333–1346, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kodialam:2005:CAR

[KN05] Murali Kodialam and Thyaga Nandagopal. Characterizing achievable rates in multi-hop wireless mesh networks with orthogonal channels. *IEEE/ACM Transactions on Networking*, 13(4):868–880, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kompella:2014:CCU

[KNK+14] Sastry Kompella, Gam D. Nguyen, Clement Kam, Jeffrey E. Wieselthier, and Anthony Ephremides. Cooperation in cognitive underlay networks: stable throughput tradeoffs. *IEEE/ACM Transactions on Networking*, 22(6):1756–1768, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kerivin:2005:DCS

[KNP05] Hervé Kerivin, Dritan Nace, and Thi-Tuyet-Loan Pham. Design of capacitated survivable networks with a single facility. *IEEE/ACM Transactions on Networking*, 13(2):248–261, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kogan:2016:EOI

[KNR+16] Kirill Kogan, Sergey I. Nikolenko, Ori Rottenstreich, William Culhane, and Patrick Eugster. Exploiting order independence for scalable and expressive packet classification. *IEEE/ACM Transactions on Networking*, 24(2):1251–1264, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2013:TOC

[KNSV13] Tae Hyun Kim, Jian Ni, R. Srikant, and Nitin H. Vaidya. Throughput-optimal CSMA with imperfect carrier sensing. *IEEE/ACM Transactions on Networking*, 21(5):1636–1650, October 2013. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Karbasi:2013:RLI

[KO13] Amin Karbasi and Sewoong Oh. Robust localization from incomplete local information. *IEEE/ACM Transactions on Networking*, 21(4):1131–1144, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koksal:2010:RQS

[Kok10] Can Emre Koksal. Rate quantization and the speedup required to achieve 100 throughput for multicast over crossbar switches. *IEEE/ACM Transactions on Networking*, 18(4):1207–1219, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Konorski:2006:GTS

[Kon06] Jerzy Konorski. A game-theoretic study of CSMA/CA under a backoff attack. *IEEE/ACM Transactions on Networking*, 14(6):1167–1178, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koppelman:1996:CBN

[Kop96] David M. Koppelman. Congested Banyan network analysis using congested-queue states and neighboring-queue effects. *IEEE/ACM Transactions on Networking*, 4(1):106–111, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p106-koppelman/`.

Kay:1996:PRP

[KP96] Jonathan Kay and Joseph Pasquale. Profiling and reducing processing overheads in TCP/IP. *IEEE/ACM Transactions on Networking*, 4(6):817–828, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p817-kay/`.

Kompella:1993:MRM

[KPP93] Vachaspathi P. Kompella, Joseph C. Pasquale, and George C. Polyzos. Multicast routing for multimedia communication. *IEEE/ACM Transactions on Networking*, 1(3):286–292, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p286-kompella/`.

Kulkarni:1998:PAR

[KqL98] Lalita A. Kulkarni and San qi Li. Performance analysis of a rate-based feedback control scheme. *IEEE/ACM Transactions on Networking*, 6(6):797–810, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p797-kulkarni/`.

Kim:1999:PAD

[KqL99] Yonghwan Kim and San qi Li. Performance analysis of data packet discarding in ATM networks. *IEEE/ACM Transactions on Networking*, 7(2):216–227, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p216-kim/`.

Kolarov:1999:CTA

[KR99] Aleksandar Kolarov and G. Ramamurthy. A control-theoretic approach to the design of an explicit rate controller for ABR service. *IEEE/ACM Transactions on Networking*, 7(5):741–753, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p741-kolarov/`.

Kannan:2000:MMM

[KR00] Rajgopal Kannan and Sibabrata Ray. MSXmin: a modular multicast ATM packet switch with low delay and hardware complexity. *IEEE/ACM Transactions on Networking*, 8(3):407–418, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p407-kannan/`.

Ko:2005:DSS

[KR05] Bong-Jun Ko and Dan Rubenstein. Distributed self-stabilizing placement of replicated resources in emerging networks. *IEEE/ACM Transactions on Networking*, 13(3):476–487, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2008:STD

[KR08] Seong Soo Kim and A. L. Narasimha Reddy. Statistical techniques for detecting traffic anomalies through packet header data. *IEEE/ACM Transactions on Networking*, 16(3):562–575, June 2008. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Katti:2008:XAP

[KRH+08] Sachin Katti, Hariharan Rahul, Wenjun Hu, Dina Katabi, Muriel Médard, and Jon Crowcroft. XORs in the air: practical wireless network coding. *IEEE/ACM Transactions on Networking*, 16(3):497–510, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kriegleder:2014:CAA

[Kri14] Maximilian Kriegleder. A correction to algorithm A2 in "Asynchronous distributed averaging on communication networks". *IEEE/ACM Transactions on Networking*, 22(6):2026–2027, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [MSP+07].

Kini:2010:FRD

[KRKH10] Shrinivasa Kini, Srinivasan Ramasubramanian, Amund Kvalbein, and Audun Fosselie Hansen. Fast recovery from dual-link or single-node failures in IP networks using tunneling. *IEEE/ACM Transactions on Networking*, 18 (6):1988–1999, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kamal:2011:OPA

[KRLL11] Ahmed E. Kamal, Aditya Ramamoorthy, Long Long, and Shizheng Li. Overlay protection against link failures using network coding. *IEEE/ACM Transactions on Networking*, 19(4): 1071–1084, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krishnan:2000:CLP

[KRS00] P. Krishnan, Danny Raz, and Yuval Shavitt. The cache location problem. *IEEE/ACM Transactions on Networking*, 8(5):568–582, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p568-krishnan/`.

Kumar:2002:APV

[KRSY02] Amit Kumar, Rajeev Rastogi, Avi Silberschatz, and Bulent Yener. Algorithms for provisioning virtual private networks in the hose model. *IEEE/ACM Transactions on Networking*, 10 (4):565–578, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Katzela:1995:SFI

[KS95] Irene Katzela and Mischa Schwartz. Schemes for fault identification in communication networks. *IEEE/ACM Transactions on Networking*, 3(6):753–764, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p753-katzela/`.

Kweon:1998:PDD

[KS98] Seok-Kyu Kweon and Kang G. Shin. Providing deterministic delay guarantees in ATM networks. *IEEE/ACM Transactions on Networking*, 6(6):838–850, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p838-kweon/`.

Kim:2001:LPC

[KS01a] Han S. Kim and Ness B. Shroff. Loss probability calculations and asymptotic analysis for finite buffer multiplexers. *IEEE/ACM Transactions on Networking*, 9(6):755–768, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krishnaswamy:2001:DLT

[KS01b] Rajesh M. Krishnaswamy and Kumar N. Sivarajan. Design of logical topologies: a linear formulation for wavelength-routed optical networks with no wavelength changers. *IEEE/ACM Transactions on Networking*, 9(2):186–198, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p186-krishnaswamy/p186-krishnaswamy.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p186-krishnaswamy/`.

Kunniyur:2003:EEC

[KS03] Srisankar Kunniyur and R. Srikant. End-to-end congestion control schemes: utility functions, random losses and ECN marks. *IEEE/ACM Transactions on Networking*, 11(5):689–702, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kunniyur:2004:AVQ

[KS04] Srisankar S. Kunniyur and R. Srikant. An adaptive virtual queue (AVQ) algorithm for active queue management. *IEEE/ACM Transactions on Networking*, 12(2):286–299, April

2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Katz:2006:RPT

[KS06] Michael Katz and Shlomo Shamai. Relaying protocols for two colocated users. *IEEE/ACM Transactions on Networking*, 14 (SI):2329–2344, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2009:AAA

[KS09a] Kyu-Han Kim and Kang G. Shin. On accurate and asymmetry-aware measurement of link quality in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17(4):1172–1185, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwon:2009:ASP

[KS09b] Sungoh Kwon and Ness B. Shroff. Analysis of shortest path routing for large multi-hop wireless networks. *IEEE/ACM Transactions on Networking*, 17 (3):857–869, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kasbekar:2010:SAF

[KS10] Gaurav S. Kasbekar and Saswati Sarkar. Spectrum auction framework for access allocation in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 18(6):1841–1854, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2011:SRW

[KS11] Kyu-Han Kim and Kang G. Shin. Self-reconfigurable wireless mesh networks. *IEEE/ACM Transactions on Networking*, 19(2):393–404, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kumar:2012:DME

[KS12] Ashwini Kumar and Kang G. Shin. DSASync: managing end-to-end connections in dynamic spectrum access wireless LANs. *IEEE/ACM Transactions on Networking*, 20(4):1068–1081, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Krishnan:2013:VSQ

[KS13] S. Shunmuga Krishnan and Ramesh K. Sitaraman. Video stream quality impacts viewer behavior: inferring causality using quasi-experimental designs. *IEEE/ACM Transactions on Networking*, 21

(6):2001–2014, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khouzani:2012:MDM

[KSA12] M. H. R. Khouzani, Saswati Sarkar, and Eitan Altman. Maximum damage malware attack in mobile wireless networks. *IEEE/ACM Transactions on Networking*, 20(5):1347–1360, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kalafut:2011:TDO

[KSG11] Andrew J. Kalafut, Craig A. Shue, and Minaxi Gupta. Touring DNS open houses for trends and configurations. *IEEE/ACM Transactions on Networking*, 19 (6):1666–1675, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwak:2005:PAE

[KSM05] Byung-Jae Kwak, Nah-Oak Song, and Leonard E. Miller. Performance analysis of exponential backoff. *IEEE/ACM Transactions on Networking*, 13(2):343–355, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kompella:2007:SAD

[KSV07] Ramana Rao Kompella, Sumeet Singh, and George Varghese. On scalable attack detection in the network. *IEEE/ACM Transactions on Networking*, 15 (1):14–25, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koutsopoulos:2006:CLA

[KT06] Iordanis Koutsopoulos and Leandros Tassiulas. Cross-layer adaptive techniques for throughput enhancement in wireless OFDM-based networks. *IEEE/ACM Transactions on Networking*, 14(5):1056–1066, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koutsopoulos:2007:JOA

[KT07] Iordanis Koutsopoulos and Leandros Tassiulas. Joint optimal access point selection and channel assignment in wireless networks. *IEEE/ACM Transactions on Networking*, 15(3):521–532, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kwong:2008:BHP

[KT08] Kin-Wah Kwong and H. K. Tsang. Building hetero-

geneous peer-to-peer networks: protocol and analysis. *IEEE/ACM Transactions on Networking*, 16 (2):281–292, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Katrinis:2011:DWO

[KT11] Kostas M. Katrinis and Anna Tzanakaki. On the dimensioning of WDM optical networks with impairment-aware regeneration. *IEEE/ACM Transactions on Networking*, 19 (3):735–746, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kucera:2014:ECC

[Kuc14] Stepan Kucera. Enabling co-channel small-cell deployments in SINR-constraint networks by distributed monitoring of normalized network capacity. *IEEE/ACM Transactions on Networking*, 22(5):1577–1590, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kumar:1998:CPA

[Kum98] Anurag Kumar. Comparative performance analysis of versions of TCP in a local network with a lossy link. *IEEE/ACM Transactions on Networking*, 6(4):485–498, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p485-kumar/`.

Kabatepe:1996:FDQ

[KV96] Mete Kabatepe and Kenneth S. Vastola. The fair distributed queue (FDQ) protocol for high-speed metropolitan-area networks. *IEEE/ACM Transactions on Networking*, 4(3):331–339, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p331-kabatepe/`.

Kalampoukas:1998:ASP

[KV98] Lampros Kalampoukas and Anujan Varma. Analysis of source policy and its effects on TCP in rate-controlled ATM networks. *IEEE/ACM Transactions on Networking*, 6(5):599–610, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p599-kalampoukas/`.

Kuipers:2005:CIC

[KV05] Fernando A. Kuipers and

Piet F. A. Van Mieghem. Conditions that impact the complexity of QoS routing. *IEEE/ACM Transactions on Networking*, 13 (4):717–730, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kyasanur:2009:CMW

[KV09] Pradeep Kyasanur and Nitin H. Vaidya. Capacity of multichannel wireless networks under the protocol model. *IEEE/ACM Transactions on Networking*, 17(2):515–527, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khanna:2012:ASV

[KVF+12] Sanjeev Khanna, Santosh S. Venkatesh, Omid Fatemieh, Fariba Khan, and Carl A. Gunter. Adaptive selective verification: an efficient adaptive countermeasure to thwart DoS attacks. *IEEE/ACM Transactions on Networking*, 20(3):715–728, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kalampoukas:1998:TTT

[KVR98] Lampros Kalampoukas, Anujan Varma, and K. K. Ramakrishnan. Two-way TCP traffic over rate controlled channels: effects and analysis. *IEEE/ACM Transactions on Networking*, 6(6):729–743, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p729-kalampoukas/`.

Kalampoukas:2002:EWA

[KVR02] Lampros Kalampoukas, Anujan Varma, and K. K. Ramakrishnan. Explicit window adaptation: a method to enhance TCP performance. *IEEE/ACM Transactions on Networking*, 10(3):338–350, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kesidis:1993:EBM

[KWC93] George Kesidis, Jean Walrand, and Cheng-Shang Chang. Effective bandwidths for multiclass Markov fluids and other ATM sources. *IEEE/ACM Transactions on Networking*, 1(4):424–428, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p424-kesidis/`.

Kannan:2010:AAM

[KWCR10] Rajgopal Kannan, Shuangqing

Wei, Vasu Chakravarthy, and Muralidhar Rangaswamy. Approximation algorithms for minimum energy transmission scheduling in rate and duty-cycle constrained wireless networks. *IEEE/ACM Transactions on Networking*, 18(1):296–306, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kompella:2010:OSB

[KWE+10] Sastry Kompella, Jeffrey E. Wieselthier, Anthony Ephremides, Hanif D. Sherali, and Gam D. Nguyen. On optimal SINR-based scheduling in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 18(6):1713–1724, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Koutsonikolas:2011:ENC

[KWH11] Dimitrios Koutsonikolas, Chih-Chun Wang, and Y. Charlie Hu. Efficient network-coding-based opportunistic routing through cumulative coded acknowledgments. *IEEE/ACM Transactions on Networking*, 19(5):1368–1381, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kang:2016:PLD

[KWJY16] Xiaohan Kang, Weina Wang, Juan José Jaramillo, and Lei Ying. On the performance of largest-deficit-first for scheduling real-time traffic in wireless networks. *IEEE/ACM Transactions on Networking*, 24 (1):72–84, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Khreishah:2010:RCP

[KWS10] Abdallah Khreishah, Chih-Chun Wang, and Ness B. Shroff. Rate control with pairwise intersession network coding. *IEEE/ACM Transactions on Networking*, 18(3):816–829, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kim:2011:MDL

[KWS+11] Donghyun Kim, Wei Wang, Nassim Sohaee, Changcun Ma, Weili Wu, Wonjun Lee, and Ding-Zhu Du. Minimum data-latency-bound k-sink placement problem in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 19(5):1344–1353, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kuhn:2008:AAG

[KWZ08] Fabian Kuhn, Roger Wattenhofer, and Aaron Zollinger. An algorithmic approach to geographic routing in ad hoc and sensor networks. *IEEE/ACM Transactions on Networking*, 16 (1):51–62, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Kone:2012:EOS

[KYY+12] Vinod Kone, Lei Yang, Xue Yang, Ben Y. Zhao, and Haitao Zheng. The effectiveness of opportunistic spectrum access: a measurement study. *IEEE/ACM Transactions on Networking*, 20(6):2005–2016, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Knightly:1997:DAT

[KZ97] Edward W. Knightly and Hui Zhang. D-BIND: an accurate traffic model for providing QoS guarantees to VBR traffic. *IEEE/ACM Transactions on Networking*, 5(2):219–231, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p219-knightly/`.

Krithikaivasan:2007:ABT

[KZDM07] Balaji Krithikaivasan, Yong Zeng, Kaushik Deka, and Deep Medhi. ARCH-based traffic forecasting and dynamic bandwidth provisioning for periodically measured nonstationary traffic. *IEEE/ACM Transactions on Networking*, 15(3):683–696, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lea:1995:BQS

[LA95a] Chin-Tau Lea and Anwar Alyatama. Bandwidth quantization and states reduction in the broadband ISDN. *IEEE/ACM Transactions on Networking*, 3(3):352–360, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p352-lea/`.

Lee:1995:CLA

[LA95b] Myung J. Lee and David S. Ahn. Cell loss analysis and design trade-offs of nonblocking ATM switches with nonuniform traffic. *IEEE/ACM Transactions on Networking*, 3(2):199–210, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/1995-3-2/p199-lee/.

Levine:1995:PMA

[LA95c] David A. Levine and Ian F. Akyildiz. PROTON: a media access control protocol for optical networks with star topology. *IEEE/ACM Transactions on Networking*, 3(2):158–168, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p158-levine/.

La:2002:UBR

[LA02] Richard J. La and Venkat Anantharam. Utility-based rate control in the Internet for elastic traffic. *IEEE/ACM Transactions on Networking*, 10(2):272–286, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

La:2016:ISS

[La16] Richard J. La. Interdependent security with strategic agents and cascades of infection. *IEEE/ACM Transactions on Networking*, 24 (3):1378–1391, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Labourdette:1997:PIP

[Lab97] Jean-François P. Labourdette. Performance impact of partial reconfiguration on multihop lightwave networks. *IEEE/ACM Transactions on Networking*, 5(3):351–358, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p351-labourdette/.

Labovitz:2001:DIR

[LABJ01] Craig Labovitz, Abha Ahuja, Abhijit Bose, and Farnam Jahanian. Delayed Internet routing convergence. *IEEE/ACM Transactions on Networking*, 9 (3):293–306, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Le:2007:EAQ

[LAJS07] Long Le, Jay Aikat, Kevin Jeffay, and F. Donelson Smith. The effects of active queue management and explicit congestion notification on Web performance. *IEEE/ACM Transactions on Networking*, 15(6):1217–1230, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Levine:1997:REC

[LAN97] David A. Levine, Ian F. Akyildiz, and Mahmoud Naghshineh. A resource estimation and call admission algorithm for wireless multimedia networks using the shadow cluster concept. *IEEE/ACM Transactions on Networking*, 5(1):1–12, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p1-levine/`.

Lakshminarayanan:2008:SUC

[LAPS08] Karthik Lakshminarayanan, Daniel Adkins, Adrian Perrig, and Ion Stoica. Securing user-controlled routing infrastructures. *IEEE/ACM Transactions on Networking*, 16(3):549–561, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2004:FPA

[LB04] Mingyan Liu and John S. Baras. Fixed point approximation for multirate multihop loss networks with state-dependent routing. *IEEE/ACM Transactions on Networking*, 12(2):361–374, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Langar:2008:CAM

[LBB08] Rami Langar, Nizar Bouabdallah, and Raouf Boutaba. A comprehensive analysis of mobility management in MPLS-based wireless access networks. *IEEE/ACM Transactions on Networking*, 16(4):918–931, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lazarou:2009:DNT

[LBFE09] Georgios Y. Lazarou, Julie Baca, Victor S. Frost, and Joseph B. Evans. Describing network traffic using the index of variability. *IEEE/ACM Transactions on Networking*, 17(5):1672–1683, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2007:MCN

[LBHO07] Junsoo Lee, Stephan Bohacek, João P. Hespanha, and Katia Obraczka. Modeling communication networks with hybrid systems. *IEEE/ACM Transactions on Networking*, 15(3):630–643, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2007:NCE

[LBL07] Chengzhi Li, Almut Burchard, and Jörg Liebeherr.

A network calculus with effective bandwidth. *IEEE/ACM Transactions on Networking*, 15(6):1442–1453, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lutu:2016:BVT

[LBP+16] Andra Lutu, Marcelo Bagnulo, Cristel Pelsser, Olaf Maennel, and Jesus Cid-Sueiro. The BGP visibility toolkit: detecting anomalous Internet routing behavior. *IEEE/ACM Transactions on Networking*, 24 (2):1237–1250, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Labourdette:2005:FAD

[LBRA05] Jean-François Labourdette, Eric Bouillet, Ramu Ramamurthy, and Ahmet A. Akyamaç. Fast approximate dimensioning and performance analysis of mesh optical networks. *IEEE/ACM Transactions on Networking*, 13(4):906–917, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:1999:FSW

[LBS99] Songwu Lu, Vaduvur Bharghavan, and R. Srikant. Fair scheduling in wireless packet networks. *IEEE/ACM Transactions on Networking*, 7(4):473–489, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p473-lu/`.

Lakshmikantha:2005:RRV

[LBS05a] Ashvin Lakshmikantha, Carolyn L. Beck, and R. Srikant. Robustness of real and virtual queue-based active queue management schemes. *IEEE/ACM Transactions on Networking*, 13(1):81–93, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2005:ERS

[LBS05b] Shao Liu, Tamer Başar, and R. Srikant. Exponential-RED: a stabilizing AQM scheme for low- and high-speed TCP protocols. *IEEE/ACM Transactions on Networking*, 13(5):1068–1081, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lakshmikantha:2011:IFA

[LBS11] Ashvin Lakshmikantha, Carolyn Beck, and R. Srikant. Impact of file arrivals and departures on buffer sizing in core routers. *IEEE/ACM Transactions on Net-*

working, 19(2):347–358, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:RPC

[LBX11] Bo Li, Cem Boyaci, and Ye Xia. A refined performance characterization of longest-queue-first policy in wireless networks. *IEEE/ACM Transactions on Networking*, 19(5):1382–1395, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1994:DSF

[LC94a] Tsern-Huei Lee and Jin-Jye Chou. Diagnosis of single faults in bitonic sorters. *IEEE/ACM Transactions on Networking*, 2(5):497–507, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p497-lee/`.

Luciani:1994:AMP

[LC94b] James V. Luciani and C. Y. Roger Chen. An analytical model for partially blocking finite-buffered switching networks. *IEEE/ACM Transactions on Networking*, 2(5):533–540, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p533-luciani/`.

Liotopoulos:1996:SNO

[LC96] Fotios K. Liotopoulos and Suresh Chalasani. Semirearrangeably nonblocking operation of Clos networks in the multirate environment. *IEEE/ACM Transactions on Networking*, 4(2):281–291, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p281-liotopoulos/`.

LaPorta:1997:DSS

[LC97] Thomas F. La Porta and Kuo-Wei Herman Chen. A direct signaling system for flexible access and deployment of telecommunication services. *IEEE/ACM Transactions on Networking*, 5(4):489–501, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p489-la_porta/`.

LeBoudec:2003:PSR

[LC03] Jean-Yves Le Boudec and

Anna Charny. Packet scale rate guarantee for non-FIFO nodes. *IEEE/ACM Transactions on Networking*, 11(5):810–820, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2004:MPE

[LC04a] Wei Li and Xiuli Chao. Modeling and performance evaluation of a cellular mobile network. *IEEE/ACM Transactions on Networking*, 12(1):131–145, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liao:2004:DCP

[LC04b] Raymond R.-F. Liao and Andrew T. Campbell. Dynamic core provisioning for quantitative differentiated services. *IEEE/ACM Transactions on Networking*, 12(3):429–442, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2010:PUL

[LCB+10] Guohan Lu, Yan Chen, Stefan Birrer, Fabián E. Bustamante, and Xing Li. POPI: a user-level tool for inferring router packet forwarding priority. *IEEE/ACM Transactions on Networking*, 18(1):1–14, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2014:PPB

[LCG+14] Changbin Liu, Ricardo Correa, Harjot Gill, Tanveer Gill, Xiaozhou Li, Shivkumar Muthukumar, Taher Saeed, Boon Thau Loo, and Prithwish Basu. PUMA: policy-based unified multiradio architecture for agile mesh networking. *IEEE/ACM Transactions on Networking*, 22(6): 1897–1910, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:1995:LCA

[LCH95] San-Qi Li, Song Chong, and Chia-Lin Hwang. Link capacity allocation and network control by filtered input rate in high-speed networks. *IEEE/ACM Transactions on Networking*, 3(1):10–25, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p10-li/`.

Lee:2006:NPS

[LCH+06] David Lee, Dongluo Chen, Ruibing Hao, Raymond E. Miller, Jianping Wu, and

Xia Yin. Network protocol system monitoring: a formal approach with passive testing. *IEEE/ACM Transactions on Networking*, 14 (2):424–437, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:PFT

[LCL12a] Tao Li, Shigang Chen, and Yibei Ling. Per-flow traffic measurement through randomized counter sharing. *IEEE/ACM Transactions on Networking*, 20(5): 1622–1634, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2012:DPB

[LCL+12b] Changbin Liu, Ricardo Correa, Xiaozhou Li, Prithwish Basu, Boon Thau Loo, and Yun Mao. Declarative policy-based adaptive mobile ad hoc networking. *IEEE/ACM Transactions on Networking*, 20(3):770–783, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2013:EPI

[LCL13a] Tao Li, Shigang Chen, and Yibei Ling. Efficient protocols for identifying the missing tags in a large RFID system. *IEEE/ACM Transactions on Networking*, 21(6):1974–1987, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2013:SCB

[LCL+13b] Tao Li, Shigang Chen, Wen Luo, Ming Zhang, and Yan Qiao. Spreader classification based on optimal dynamic bit sharing. *IEEE/ACM Transactions on Networking*, 21(3): 817–830, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lagoa:2004:ACA

[LCM04] Constantino M. Lagoa, Hao Che, and Bernardo A. Movsichoff. Adaptive control algorithms for decentralized optimal traffic engineering in the Internet. *IEEE/ACM Transactions on Networking*, 12(3):415–428, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2014:MTD

[LCQL14] Wen Luo, Shigang Chen, Yan Qiao, and Tao Li. Missing-tag detection and energy-time tradeoff in large-scale RFID systems with unreliable channels. *IEEE/ACM Transactions on Networking*, 22(4):1079–1091, August 2014. CO-

DEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leith:2012:MMF

[LCS12] Douglas J. Leith, Qizhi Cao, and Vijay G. Subramanian. Max-min fairness in 802.11 mesh networks. *IEEE/ACM Transactions on Networking*, 20(3):756–769, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Loguinov:2005:GTA

[LCW05] Dmitri Loguinov, Juan Casas, and Xiaoming Wang. Graph-theoretic analysis of structured peer-to-peer systems: routing distances and fault resilience. *IEEE/ACM Transactions on Networking*, 13(5):1107–1120, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2015:RCA

[LCW+15] Yu-Sian Li, Trang Minh Cao, Shu-Ting Wang, Xin Huang, Cheng-Hsin Hsu, and Po-Ching Lin. A resource-constrained asymmetric redundancy elimination algorithm. *IEEE/ACM Transactions on Networking*, 23(4):1135–1148, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lam:1996:LSA

[LCY96] Simon S. Lam, Simon Chow, and David K. Y. Yau. A lossless smoothing algorithm for compressed video. *IEEE/ACM Transactions on Networking*, 4(5):697–708, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p697-lam/`.

Liu:2013:UMF

[LCZC13] Juan Liu, Wei Chen, Ying Jun Zhang, and Zhigang Cao. A utility maximization framework for fair and efficient multicasting in multicarrier wireless cellular networks. *IEEE/ACM Transactions on Networking*, 21(1):110–120, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:1995:ANP

[LD95] Guang-Liang Li and Patrick W. Dowd. An analysis of network performance degradation induced by workload fluctuations. *IEEE/ACM Transactions on Networking*, 3(4):433–440, August 1995. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p433-li/`.

Laufer:2012:PTA

[LDFK12] Rafael Laufer, Henri Dubois-Ferrière, and Leonard Kleinrock. Polynomial-time algorithms for multirate anypath routing in wireless multihop networks. *IEEE/ACM Transactions on Networking*, 20(3):742–755, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liao:2013:DDM

[LDGL13] Yongjun Liao, Wei Du, Pierre Geurts, and Guy Leduc. DMFSGD: a decentralized matrix factorization algorithm for network distance prediction. *IEEE/ACM Transactions on Networking*, 21(5):1511–1524, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lehrieder:2012:CBL

[LDH+12] Frank Lehrieder, György Dán, Tobias Hoßfeld, Simon Oechsner, and Vlad Singeorzan. Caching for BitTorrent-like P2P systems: a simple fluid model and its implications. *IEEE/ACM Transactions on Networking*, 20(4):1176–1189, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

LoPresti:2002:MBI

[LDHT02] Francesco Lo Presti, N. G. Duffield, Joe Horowitz, and Don Towsley. Multicast-based inference of network-internal delay distributions. *IEEE/ACM Transactions on Networking*, 10(6):761–775, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2012:OFL

[LDK12] Myungjin Lee, Nick Duffield, and Ramana Rao Kompella. Opportunistic flow-level latency estimation using consistent netflow. *IEEE/ACM Transactions on Networking*, 20(1):139–152, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2013:HFP

[LDK13] Myungjin Lee, Nick Duffield, and Ramana Rao Kompella. High-fidelity per-flow delay measurements with reference latency interpolation. *IEEE/ACM Transactions on Networking*, 21(5):1567–1580, October 2013. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

LeBoudec:2002:SPV

[Le 02] Jean-Yves Le Boudec. Some properties of variable length packet shapers. *IEEE/ACM Transactions on Networking*, 10(3):329–337, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2006:TCS

[LE06] Jie Luo and Anthony Ephremides. On the throughput, capacity, and stability regions of random multiple access. *IEEE/ACM Transactions on Networking*, 14(SI):2593–2607, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:ETB

[LE12a] Bin Li and Atilla Eryilmaz. Exploring the throughput boundaries of randomized schedulers in wireless networks. *IEEE/ACM Transactions on Networking*, 20(4):1112–1124, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:SEE

[LE12b] Ruogu Li and Atilla Eryilmaz. Scheduling for end-to-end deadline-constrained traffic with reliability requirements in multihop networks. *IEEE/ACM Transactions on Networking*, 20(5):1649–1662, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lakshminarayana:2013:MMI

[LE13] Subhash Lakshminarayana and Atilla Eryilmaz. Multirate multicasting with intralayer network coding. *IEEE/ACM Transactions on Networking*, 21(4):1256–1269, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1996:WFC

[Lee96] Daniel Chonghwan Lee. Worst-case fraction of CBR teletraffic unpunctual due to statistical multiplexing. *IEEE/ACM Transactions on Networking*, 4(1):98–105, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p98-lee/`.

Liu:1998:LER

[LESZ98] Ching-Gung Liu, Deborah Estrin, Scott Shenker, and Lixia Zhang. Local error re-

covery in SRM: comparison of two approaches. *IEEE/ACM Transactions on Networking*, 6(6):686–699, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p686-liu/`.

Levine:1995:AST

[Lev95] Judah Levine. An algorithm to synchronize the time of a computer to universal time. *IEEE/ACM Transactions on Networking*, 3(1):42–50, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p42-levine/`.

Liu:2014:SMW

[LEY14] Shihuan Liu, Eylem Ekici, and Lei Ying. Scheduling in multihop wireless networks without backpressure. *IEEE/ACM Transactions on Networking*, 22(5):1477–1488, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:UAO

[LEYS11] Ruogu Li, Atilla Eryilmaz, Lei Ying, and Ness B. Shroff. A unified approach to optimizing performance in networks serving heterogeneous flows. *IEEE/ACM Transactions on Networking*, 19(1):223–236, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lubben:2014:SBE

[LFL14] Ralf Lübben, Markus Fidler, and Jörg Liebeherr. Stochastic bandwidth estimation in networks with random service. *IEEE/ACM Transactions on Networking*, 22(2):484–497, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liebeherr:2010:STA

[LFV10] Jörg Liebeherr, Markus Fidler, and Shahrokh Valaee. A system-theoretic approach to bandwidth estimation. *IEEE/ACM Transactions on Networking*, 18(4):1040–1053, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2011:PFD

[LFZS11] Ren-Shiou Liu, Kai-Wei Fan, Zizhan Zheng, and Prasun Sinha. Perpetual and fair data collection for environmental en-

ergy harvesting sensor networks. *IEEE/ACM Transactions on Networking*, 19 (4):947–960, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2013:NCD

[LG13a] Zhijun Li and Guang Gong. On the node clone detection in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 21 (6):1799–1811, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lorenzo:2013:CAN

[LG13b] Beatriz Lorenzo and Savo Glisic. Context-aware nanoscale modeling of multicast multihop cellular networks. *IEEE/ACM Transactions on Networking*, 21 (2):359–372, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lemamou:2016:HIL

[LGC16] Eunice Adjarath Lemamou, Philippe Galinier, and Steven Chamberland. A hybrid iterated local search algorithm for the global planning problem of survivable 4G wireless networks. *IEEE/ACM Transactions on Networking*, 24(1):137–148, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Loiseau:2010:ISS

[LGD+10] Patrick Loiseau, Paulo Gonçalves, Guillaume Dewaele, Pierre Borgnat, Patrice Abry, and Pascale Vicat-Blanc Primet. Investigating self-similarity and heavy-tailed distributions on a large-scale experimental facility. *IEEE/ACM Transactions on Networking*, 18(4):1261–1274, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liao:2010:SIR

[LGGZ10] Yong Liao, Lixin Gao, Roch Guérin, and Zhi-Li Zhang. Safe interdomain routing under diverse commercial agreements. *IEEE/ACM Transactions on Networking*, 18(6):1829–1840, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2014:FMM

[LGKV14] Myungjin Lee, Sharon Goldberg, Ramana Rao Kompella, and George Varghese. FineComb: measuring microscopic latency and loss in the presence of reordering. *IEEE/ACM Transactions on Networking*, 22(4):1136–1149,

August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2009:PFD

[LGS09] Ming Li, Deepak Ganesan, and Prashant Shenoy. PRESTO: feedback-driven data management in sensor networks. *IEEE/ACM Transactions on Networking*, 17(4):1256–1269, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:SCE

[LGW+11] Dan Li, Chuanxiong Guo, Haitao Wu, Kun Tan, Yongguang Zhang, Songwu Lu, and Jianping Wu. Scalable and cost-effective interconnection of datacenter servers using dual server ports. *IEEE/ACM Transactions on Networking*, 19(1):102–114, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1995:SCA

[LH95] Whay Chiou Lee and Pierre A. Humblet. Space-time characteristics of ALOHA protocols in high-speed bidirectional bus networks. *IEEE/ACM Transactions on Networking*, 3(5):613–622, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p613-lee/`.

Liang:2003:PDB

[LH03] Ben Liang and Zygmunt J. Haas. Predictive distance-based mobility management for multidimensional PCS networks. *IEEE/ACM Transactions on Networking*, 11(5):718–732, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2005:LTC

[LH05] Ning Li and Jennifer C. Hou. Localized topology control algorithms for heterogeneous wireless networks. *IEEE/ACM Transactions on Networking*, 13 (6):1313–1324, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

La:2007:DPD

[LH07] Richard J. La and Yijie Han. Distribution of path durations in mobile ad hoc networks and path selection. *IEEE/ACM Transactions on Networking*, 15(5): 993–1006, October 2007. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Luo:2010:JSM

[LH10] Jun Luo and Jean-Pierre Hubaux. Joint sink mobility and routing to maximize the lifetime of wireless sensor networks: the case of constrained mobility. *IEEE/ACM Transactions on Networking*, 18(3): 871–884, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2013:PMS

[LH13] Tsern-Huei Lee and Nai-Lun Huang. A pattern-matching scheme with high throughput performance and low memory requirement. *IEEE/ACM Transactions on Networking*, 21(4):1104–1116, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:PDC

[LH14] Shuqin Li and Jianwei Huang. Price differentiation for communication networks. *IEEE/ACM Transactions on Networking*, 22(3):703–716, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2005:CBD

[LHB+05] Li Li, Joseph Y. Halpern, Paramvir Bahl, Yi-Min Wang, and Roger Wattenhofer. A cone-based distributed topology-control algorithm for wireless multi-hop networks. *IEEE/ACM Transactions on Networking*, 13(1):147–159, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lim:2005:CIC

[LHC05] Hyuk Lim, Jennifer C. Hou, and Chong-Ho Choi. Constructing Internet coordinate system based on delay measurement. *IEEE/ACM Transactions on Networking*, 13(3):513–525, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:DDO

[LHC+16] Daibo Liu, Mengshu Hou, Zhichao Cao, Jiliang Wang, Yuan He, and Yunhao Liu. Duplicate detectable opportunistic forwarding in duty-cycled wireless sensor networks. *IEEE/ACM Transactions on Networking*, 24(2):662–673, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2012:SSS

[LHK+12] Kyunghan Lee, Seongik Hong, Seong Joon Kim, Injong Rhee, and Song Chong. SLAW: self-similar least-action human walk. *IEEE/ACM Transactions on Networking*, 20(2):515–529, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lai:2015:OSA

[LHL15] Yuan-Cheng Lai, Ling-Yen Hsiao, and Bor-Shen Lin. Optimal slot assignment for binary tracking tree protocol in RFID tag identification. *IEEE/ACM Transactions on Networking*, 23(1): 255–268, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Libeskind-Hadas:2002:MRW

[LHM02] Ran Libeskind-Hadas and Rami Melhem. Multicast routing and wavelength assignment in multihop optical networks. *IEEE/ACM Transactions on Networking*, 10(5):621–629, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2016:DOS

[LHZ+16] Hang Li, Chuan Huang, Ping Zhang, Shuguang Cui, and Junshan Zhang. Distributed opportunistic scheduling for energy harvesting based wireless networks: a two-stage probing approach. *IEEE/ACM Transactions on Networking*, 24(3):1618–1631, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2009:MCW

[Li09] Xiang-Yang Li. Multicast capacity of wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 17(3):950–961, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:2006:MGM

[Lia06] Xue-Bin Liang. Matrix games in the multicast networks: maximum information flows with network switching. *IEEE/ACM Transactions on Networking*, 14(SI):2433–2466, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liew:1997:SSB

[Lie97] Soung C. Liew. On the stability of shuffle-exchange and bidirectional shuffle-exchange deflection networks. *IEEE/ACM Transactions on Networking*, 5(1):87–94, Febru-

ary 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p87-liew/.

Lin:1993:LSS

[Lin93] Frank Y. S. Lin. Link set sizing for networks supporting SMDS. *IEEE/ACM Transactions on Networking*, 1(6):729–739, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p729-lin/.

Lin:1997:RLU

[Lin97] Yi-Bing Lin. Reducing location update cost in a PCS network. *IEEE/ACM Transactions on Networking*, 5(1):25–33, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p25-lin/.

Liu:2010:DBC

[Liu10] Yong Liu. Delay bounds of chunk-based peer-to-peer video streaming. *IEEE/ACM Transactions on Networking*, 18(4):1195–1206, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2009:SNF

[LJ09] Guanglei Liu and Chuanyi Ji. Scalability of network-failure resilience: analysis using multi-layer probabilistic graphical models. *IEEE/ACM Transactions on Networking*, 17(1):319–331, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lim:2014:SMW

[LJA14] Sungsu Lim, Kyomin Jung, and Matthew Andrews. Stability of the max-weight protocol in adversarial wireless networks. *IEEE/ACM Transactions on Networking*, 22(6):1859–1872, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2005:SNM

[LJC05] Guanglei Liu, Chuanyi Ji, and Vincent W. S. Chan. On the scalability of network management information for inter-domain lightpath assessment. *IEEE/ACM Transactions on Networking*, 13(1):160–172, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2012:GTH

[LJNK12] Jiajia Liu, Xiaohong Jiang, Hiroki Nishiyama, and Nei Kato. Generalized two-hop relay for flexible delay control in MANETs. *IEEE/ACM Transactions on Networking*, 20(6):1950–1963, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2007:MLS

[LJW+07] Hai Liu, Xiaohua Jia, Peng-Jun Wan, Chih-Wei Yi, S. Kami Makki, and Niki Pissinou. Maximizing lifetime of sensor surveillance systems. *IEEE/ACM Transactions on Networking*, 15(2):334–345, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1995:BAR

[LK95] Wei-Tsong Lee and Ling-Yang Kung. Binary addressing and routing schemes in the Manhattan street network. *IEEE/ACM Transactions on Networking*, 3(1):26–30, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p26-lee/`.

Li:2002:CMS

[LK02] Chengzhi Li and Edward W. Knightly. Coordinated multihop scheduling: a framework for end-to-end services. *IEEE/ACM Transactions on Networking*, 10(6):776–789, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2005:SCP

[LK05] Chengzhi Li and Edward W. Knightly. Schedulability criterion and performance analysis of coordinated schedulers. *IEEE/ACM Transactions on Networking*, 13(2):276–287, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2010:CMS

[LK10] Bill Lin and Isaac Keslassy. The concurrent matching switch architecture. *IEEE/ACM Transactions on Networking*, 18(4):1330–1343, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2013:QVR

[LK13] Alex X. Liu and Amir R. Khakpour. Quantifying and verifying reachability for access controlled net-

works. *IEEE/ACM Transactions on Networking*, 21 (2):551–565, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:2014:FCP

[LK14] Guanfeng Liang and Ulas C. Kozat. Fast cloud: pushing the envelope on delay performance of cloud storage with coding. *IEEE/ACM Transactions on Networking*, 22(6):2012–2025, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Laufer:2016:CWC

[LK16a] Rafael Laufer and Leonard Kleinrock. The capacity of wireless CSMA/CA networks. *IEEE/ACM Transactions on Networking*, 24 (3):1518–1532, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:2016:TDO

[LK16b] Guanfeng Liang and Ulas C. Kozat. On throughput-delay optimal access to storage clouds via load adaptive coding and chunking. *IEEE/ACM Transactions on Networking*, 24(4): 2168–2181, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2011:PCM

[LKC11] Minsik Lee, Youngjip Kim, and Chong-Ho Choi. Period-controlled MAC for high performance in wireless networks. *IEEE/ACM Transactions on Networking*, 19(4):1237–1250, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2013:CDM

[LKC+13] Kyunghan Lee, Yoora Kim, Song Chong, Injong Rhee, Yung Yi, and Ness B. Shroff. On the critical delays of mobile networks under Lévy walks and Lévy flights. *IEEE/ACM Transactions on Networking*, 21(5):1621–1635, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2000:ODM

[LKL00] Jie Li, Hisao Kameda, and Keqin Li. Optimal dynamic mobility management for PCS networks. *IEEE/ACM Transactions on Networking*, 8 (3):319–327, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p319-li/`.

Luo:2004:UUR

[LKZ+04] Haiyun Luo, Jiejun Kong, Petros Zerfos, Songwu Lu, and Lixia Zhang. URSA: ubiquitous and robust access control for mobile ad hoc networks. *IEEE/ACM Transactions on Networking*, 12(6):1049–1063, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1995:NDN

[LL95] Jeong Gyu Lee and Byeong Gi Lee. A new distribution network based on controlled switching elements and its applications. *IEEE/ACM Transactions on Networking*, 3(1):70–81, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p70-lee/`.

Lee:1998:CDT

[LL98] Tsern-Huei Lee and Kuen-Chu Lai. Characterization of delay-sensitive traffic. *IEEE/ACM Transactions on Networking*, 6(4):499–504, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p499-lee/`.

Low:1999:OFC

[LL99] Steven H. Low and David E. Lapsley. Optimization flow control, I: basic algorithm and convergence. *IEEE/ACM Transactions on Networking*, 7(6):861–874, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p861-low/`. See comments [Kar03].

Lai:2009:TBA

[LL09] Yuan-Cheng Lai and Chih-Chung Lin. Two blocking algorithms on adaptive binary splitting: single and pair resolutions for RFID tag identification. *IEEE/ACM Transactions on Networking*, 17(3):962–975, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2010:RPR

[LL10] Mo Li and Yunhao Liu. Rendered path: range-free localization in anisotropic sensor networks with holes. *IEEE/ACM Transactions on Networking*, 18(1):320–332, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leonard:2013:DIW

[LL13] Derek Leonard and Dmitri Loguinov. Demystifying Internet-wide service discovery. *IEEE/ACM Transactions on Networking*, 21 (6):1760–1773, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lan:2011:SBS

[LLCL11] Tian Lan, Xiaojun Lin, Mung Chiang, and Ruby B. Lee. Stability and benefits of suboptimal utility maximization. *IEEE/ACM Transactions on Networking*, 19(4):1194–1207, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1996:DRC

[LLD96] Tsern-Huei Lee, Kuen-Chu Lai, and Shii-Tyng Duann. Design of a real-time call admission controller for ATM networks. *IEEE/ACM Transactions on Networking*, 4(5):758–765, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p758-lee/`.

Li:2015:OCS

[LLE15a] Bin Li, Ruogu Li, and Atilla Eryilmaz. On the optimal convergence speed of wireless scheduling for fair resource allocation. *IEEE/ACM Transactions on Networking*, 23(2):631–643, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2015:TOS

[LLE15b] Bin Li, Ruogu Li, and Atilla Eryilmaz. Throughput-optimal scheduling design with regular service guarantees in wireless networks. *IEEE/ACM Transactions on Networking*, 23(5):1542–1552, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2016:WSD

[LLE16] Bin Li, Ruogu Li, and Atilla Eryilmaz. Wireless scheduling design for optimizing both service regularity and mean delay in heavy-traffic regimes. *IEEE/ACM Transactions on Networking*, 24(3):1867–1880, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lim:2014:BCP

[LLJ+14] Hyesook Lim, Nara Lee, Geumdan Jin, Jungwon Lee, Youngju Choi, and Changhoon Yim. Boundary cutting for packet clas-

sification. *IEEE/ACM Transactions on Networking*, 22(2):443–456, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2006:AMM

[LLL06] Zongpeng Li, Baochun Li, and Lap Chi Lau. On achieving maximum multicast throughput in undirected networks. *IEEE/ACM Transactions on Networking*, 14(SI):2467–2485, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2010:PDW

[LLL10] Yunhao Liu, Kebin Liu, and Mo Li. Passive diagnosis for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 18(4):1132–1144, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:PRD

[LLL+16] Zhidan Liu, Zhenjiang Li, Mo Li, Wei Xing, and Dongming Lu. Path reconstruction in dynamic wireless sensor networks using compressive sensing. *IEEE/ACM Transactions on Networking*, 24(4):1948–1960, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2007:EPS

[LLLS07] Yong Lee, Jianyu Lou, Junzhou Luo, and Xiaojun Shen. An efficient packet scheduling algorithm with deadline guarantees for input-queued switches. *IEEE/ACM Transactions on Networking*, 15(1):212–225, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2010:MCW

[LLLT10] Xiang-Yang Li, Yunhao Liu, Shi Li, and Shao-Jie Tang. Multicast capacity of wireless ad hoc networks under Gaussian channel model. *IEEE/ACM Transactions on Networking*, 18(4):1145–1157, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2011:RLN

[LLM11a] Kayi Lee, Hyang-Won Lee, and Eytan Modiano. Reliability in layered networks with random link failures. *IEEE/ACM Transactions on Networking*, 19(6):1835–1848, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:BSB

[LLM11b] Tianji Li, Douglas Leith, and David Malone. Buffer sizing for 802.11-based networks. *IEEE/ACM Transactions on Networking*, 19(1):156–169, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2014:MRW

[LLM14] Hyang-Won Lee, Kayi Lee, and Eytan Modiano. Maximizing reliability in WDM networks through lightpath routing. *IEEE/ACM Transactions on Networking*, 22(4):1052–1066, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lian:2009:VSF

[LLNC09] Jie Lian, Yunhao Liu, Kshirasagar Naik, and Lei Chen. Virtual surrounding face geocasting in wireless ad hoc and sensor networks. *IEEE/ACM Transactions on Networking*, 17(1):200–211, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2007:EET

[LLS07] Yee-Ting Li, Douglas Leith, and Robert N. Shorten. Experimental evaluation of TCP protocols for high-speed networks. *IEEE/ACM Transactions on Networking*, 15(5):1109–1122, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lotfinezhad:2009:SRD

[LLS09] Mahdi Lotfinezhad, Ben Liang, and Elvino S. Sousa. On stability region and delay performance of linear-memory randomized scheduling for time-varying networks. *IEEE/ACM Transactions on Networking*, 17(6):1860–1873, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2010:LCD

[LLS10] Longbi Lin, Xiaojun Lin, and Ness B. Shroff. Low-complexity and distributed energy minimization in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 18(2):501–514, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liao:2016:LCG

[LLT+16] Xiaofei Liao, Li Lin, Guang Tan, Hai Jin, Xiaobin Yang, Wei Zhang, and Bo Li. LiveRender: a cloud gaming system based on compressed graphics streaming. *IEEE/*

ACM Transactions on Networking, 24(4):2128–2139, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Le:2009:DNW

[LLW+09] Franck Le, Sihyung Lee, Tina Wong, Hyong S. Kim, and Darrell Newcomb. Detecting network-wide and router-specific misconfigurations through data mining. *IEEE/ACM Transactions on Networking*, 17 (1):66–79, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:EES

[LLW+12] Dan Li, Yuanjie Li, Jianping Wu, Sen Su, and Jiangwei Yu. ESM: efficient and scalable data center multicast routing. *IEEE/ACM Transactions on Networking*, 20(3):944–955, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2014:BAP

[LLW+14] Ning Lu, Tom H. Luan, Miao Wang, Xuemin Shen, and Fan Bai. Bounds of asymptotic performance limits of social-proximity vehicular networks. *IEEE/ACM Transactions on Networking*, 22(3):812–825, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2015:GGL

[LLW+15] Zhenhua Liu, Minghong Lin, Adam Wierman, Steven Low, and Lachlan L. H. Andrew. Greening geographical load balancing. *IEEE/ACM Transactions on Networking*, 23(2):657–671, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2016:FSR

[LLWB16] Rui Li, Alex X. Liu, Ann L. Wang, and Bezawada Bruhadeshwar. Fast and scalable range query processing with strong privacy protection for cloud computing. *IEEE/ACM Transactions on Networking*, 24(4):2305–2318, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leung:2001:APD

[LLY01] Matthew K. H. Leung, John C. S. Lui, and David K. Y. Yau. Adaptive proportional delay differentiated services: characterization and performance evaluation. *IEEE/ACM Transactions on Networking*, 9(6):801–817, De-

cember 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2006:DCK

[LLY06] Patrick P. C. Lee, John C. S. Lui, and David K. Y. Yau. Distributed collaborative key agreement and authentication protocols for dynamic peer groups. *IEEE/ACM Transactions on Networking*, 14(2):263–276, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2009:RCD

[LLY09] Hongbin Luo, Lemin Li, and Hongfang Yu. Routing connections with differentiated reliability requirements in WDM mesh networks. *IEEE/ACM Transactions on Networking*, 17(1):253–266, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ling:2012:NCC

[LLY+12] Zhen Ling, Junzhou Luo, Wei Yu, Xinwen Fu, Dong Xuan, and Weijia Jia. A new cell-counting-based attack against Tor. *IEEE/ACM Transactions on Networking*, 20(4):1245–1261, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2013:MDO

[LLY+13] Kyunghan Lee, Joohyun Lee, Yung Yi, Injong Rhee, and Song Chong. Mobile data offloading: how much can WiFi deliver? *IEEE/ACM Transactions on Networking*, 21(2):536–550, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2016:MDN

[LLY+16] Jinsung Lee, Hojin Lee, Yung Yi, Song Chong, Edward W. Knightly, and Mung Chiang. Making 802.11 DCF near-optimal: design, implementation, and evaluation. *IEEE/ACM Transactions on Networking*, 24(3):1745–1758, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:1995:CAS

[LM95] Hyong W. Lee and Jon W. Mark. Capacity allocation in statistical multiplexing of ATM sources. *IEEE/ACM Transactions on Networking*, 3(2):139–151, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1995-3-2/p139-lee/.

Liu:1996:GFR

[LM96] Hong Liu and Raymond E. Miller. Generalized fair reachability analysis for cyclic protocols. *IEEE/ACM Transactions on Networking*, 4(2):192–204, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p192-liu/.

Lakshman:1997:PTN

[LM97] T. V. Lakshman and Upamanyu Madhow. The performance of TCP/IP for networks with high bandwidth-delay products and random loss. *IEEE/ACM Transactions on Networking*, 5(3):336–350, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p336-lakshman/.

Li:2001:JBD

[LM01] Qiong Li and David L. Mills. Jitter-based delay-boundary prediction of wide-area networks. *IEEE/ACM Transactions on Networking*, 9(5):578–590, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lalanne:2013:FDC

[LM13] Felipe Lalanne and Stephane Maag. A formal data-centric approach for passive testing of communication protocols. *IEEE/ACM Transactions on Networking*, 21(3):788–801, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2015:RBF

[LM15] Chih-Ping Li and Eytan Modiano. Receiver-based flow control for networks in overload. *IEEE/ACM Transactions on Networking*, 23(2):616–630, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Le:2016:ADS

[LMD16] Anh Le, Athina Markopoulou, and Alexandros G. Dimakis. Auditing for distributed storage systems. *IEEE/ACM Transactions on Networking*, 24(4):2182–2195, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Levy:2004:DAR

[LMG04] Hanoch Levy, Tsippy Mendelson, and Gilad Goren. Dynamic allocation

of resources to virtual path agents. *IEEE/ACM Transactions on Networking*, 12 (4):746–758, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Labovitz:1998:IRI

[LMJ98] Craig Labovitz, G. Robert Malan, and Farnam Jahanian. Internet routing instability. *IEEE/ACM Transactions on Networking*, 6(5):515–528, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p515-labovitz/`.

Lee:2010:DRN

[LML10] Hyang-Won Lee, Eytan Modiano, and Kayi Lee. Diverse routing in networks with probabilistic failures. *IEEE/ACM Transactions on Networking*, 18(6):1895–1907, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2011:CLS

[LML11] Kayi Lee, Eytan Modiano, and Hyang-Won Lee. Cross-layer survivability in WDM-based networks. *IEEE/ACM Transactions on Networking*, 19(4):1000–1013, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leonardi:2007:OSR

[LMMN07] Emilio Leonardi, Marco Mellia, Marco Ajmone Marsan, and Fabio Neri. Optimal scheduling and routing for maximum network throughput. *IEEE/ACM Transactions on Networking*, 15(6):1541–1554, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leonardi:2001:SIQ

[LMNM01] Emilio Leonardi, Marco Mellia, Fabio Neri, and Marco Ajmone Marsan. On the stability of input-queued switches with speed-up. *IEEE/ACM Transactions on Networking*, 9(1): 104–118, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p104-leonardi/p104-leonardi.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p104-leonardi/`.

Low:1996:ACC

[LMP96] Steven H. Low, Nicholas F. Maxemchuk, and Sanjoy Paul. Anonymous credit cards and their collusion analysis. *IEEE/*

ACM Transactions on Networking, 4(6):809–816, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p809-low/`.

Lenders:2008:DBA

[LMP08] Vincent Lenders, Martin May, and Bernhard Plattner. Density-based anycast: a robust routing strategy for wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 16(4):852–863, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lakshman:1999:TCV

[LMR99] T. V. Lakshman, P. P. Mishra, and K. K. Ramakrishnan. Transporting compressed video over ATM networks with explicit-rate feedback control. *IEEE/ACM Transactions on Networking*, 7(5):710–723, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p710-lakshman/`.

Lee:2007:DAS

[LMR07] Patrick P. C. Lee, Vishal Misra, and Dan Rubenstein. Distributed algorithms for secure multipath routing in attack-resistant networks. *IEEE/ACM Transactions on Networking*, 15(6):1490–1501, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lombardo:1999:DTP

[LMS99] Alifo Lombardo, Giacomo Morabito, and Giovanni Schembra. A discrete-time paradigm to evaluate skew performance in a multimedia ATM multiplexer. *IEEE/ACM Transactions on Networking*, 7(1):122–139, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p122-lombardo/`.

Lakshman:2000:TIP

[LMS00] T. V. Lakshman, Upamanyu Madhow, and Bernhard Suter. TCP/IP performance with random loss and bidirectional congestion. *IEEE/ACM Transactions on Networking*, 8 (5):541–555, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-5/`

p541-lakshman/p541-lakshman.pdf; http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p541-lakshman/.

Lenzini:2004:TBL

[LMS04a] Luciano Lenzini, Enzo Mingozzi, and Giovanni Stea. Tradeoffs between low complexity, low latency, and fairness with deficit round-robin schedulers. *IEEE/ACM Transactions on Networking*, 12(4):681–693, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lombardo:2004:NAF

[LMS04b] Alfio Lombardo, Giacomo Morabito, and Giovanni Schembra. A novel analytical framework compounding statistical traffic modeling and aggregate-level service curve disciplines: network performance and efficiency implications. *IEEE/ACM Transactions on Networking*, 12(3):443–455, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2005:DPA

[LMS05a] Jang-Won Lee, Ravi R. Mazumdar, and Ness B. Shroff. Downlink power allocation for multi-class wireless systems. *IEEE/ACM Transactions on Networking*, 13(4):854–867, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2005:NCO

[LMS05b] Jang-Won Lee, Ravi R. Mazumdar, and Ness B. Shroff. Non-convex optimization and rate control for multi-class services in the Internet. *IEEE/ACM Transactions on Networking*, 13(4):827–840, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2006:JRA

[LMS06] Jang-Won Lee, Ravi R. Mazumdar, and Ness B. Shroff. Joint resource allocation and base-station assignment for the downlink in CDMA networks. *IEEE/ACM Transactions on Networking*, 14(1):1–14, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Le:2012:OCW

[LMS12] Long Bao Le, Eytan Modiano, and Ness B. Shroff. Optimal control of wireless networks with finite buffers. *IEEE/ACM Transactions on Networking*, 20(4):1316–1329, August 2012. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Levy:1999:SEB

[LMSKZ99] Hanoch Levy, Tzippi Mendelson, Moshe Sidi, and Joseph Keren-Zvi. Sizing exit buffers in ATM networks: an intriguing coexistence of instability and tiny cell loss rates. *IEEE/ACM Transactions on Networking*, 7(6):926–936, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p926-levy/`.

Liu:2010:TRS

[LMT10] Alex X. Liu, Chad R. Meiners, and Eric Torng. TCAM razor: a systematic approach towards minimizing packet classifiers in TCAMs. *IEEE/ACM Transactions on Networking*, 18(2):490–500, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:PCU

[LMT16] Alex X. Liu, Chad R. Meiners, and Eric Torng. Packet classification using binary content addressable memory. *IEEE/ACM Transactions on Networking*, 24 (3):1295–1307, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2016:QAR

[LMW16] Yu Lu, Mehul Motani, and Wai-Choong Wong. A QoE-aware resource distribution framework incentivizing context sharing and moderate competition. *IEEE/ACM Transactions on Networking*, 24(3):1364–1377, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lian:2007:FEP

[LNA07] Jie Lian, Kshirasagar Naik, and Gordon B. Agnew. A framework for evaluating the performance of cluster algorithms for hierarchical networks. *IEEE/ACM Transactions on Networking*, 15(6):1478–1489, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lacher:2000:PCC

[LNB00] Martin S. Lacher, Jörg Nonnenmacher, and Ernst W. Biersack. Performance comparison of centralized versus distributed error recovery for reliable multicast. *IEEE/ACM Transactions on Networking*, 8 (2):224, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (elec-

tronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p224-lacher/.

Legout:2001:BAP

[LNB01] Arnaud Legout, Jörg Nonnenmacher, and Ernst W. Biersack. Bandwidth-allocation policies for unicast and multicast flows. *IEEE/ACM Transactions on Networking*, 9(4):464–478, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:1993:NMN

[LNC93] Luping Liang, Gerald W. Neufeld, and Samuel T. Chanson. A name model for nested group communication. *IEEE/ACM Transactions on Networking*, 1(4):414–423, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p414-liang/.

Liew:1998:BNM

[LNC98] Soung C. Liew, Ming-Hung Ng, and Cathy W. Chan. Blocking and non-blocking multirate Clos switching networks. *IEEE/ACM Transactions on Networking*, 6(3):307–318, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p307-liew/.

Lui:2004:RTA

[LNC04] King-Shan Lui, Klara Nahrstedt, and Shigang Chen. Routing with topology aggregation in delay-bandwidth sensitive networks. *IEEE/ACM Transactions on Networking*, 12 (1):17–29, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:CDS

[LNL+16] Kai Liu, Joseph K. Y. Ng, Victor C. S. Lee, Sang H. Son, and Ivan Stojmenovic. Cooperative data scheduling in hybrid vehicular ad hoc networks: VANET as a software defined network. *IEEE/ACM Transactions on Networking*, 24 (3):1759–1773, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2009:AFR

[LNM+09] Tianji Li, Qiang Ni, David Malone, Douglas Leith, Yang Xiao, and Thierry Turletti. Aggregation with fragment retransmission for very high-speed WLANs. *IEEE/ACM Transactions*

on Networking, 17(2):591–604, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lucantoni:1994:MPE

[LNR94] David M. Lucantoni, Marcel F. Neuts, and Amy R. Reibman. Methods for performance evaluation of VBR video traffic models. *IEEE/ACM Transactions on Networking*, 2(2):176–180, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p176-lucantoni/`.

Leconte:2011:IBT

[LNS11] Mathieu Leconte, Jian Ni, and R. Srikant. Improved bounds on the throughput efficiency of greedy maximal scheduling in wireless networks. *IEEE/ACM Transactions on Networking*, 19(3):709–720, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leue:1996:POI

[LO96] Stefan Leue and Philippe A. Oechslin. On parallelizing and optimizing the implementation of communication protocols. *IEEE/ACM Transactions on Networking*, 4(1):55–70, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p55-leue/`.

Lorenz:1998:QRN

[LO98] Dean H. Lorenz and Ariel Orda. QoS routing in networks with uncertain parameters. *IEEE/ACM Transactions on Networking*, 6(6):768–778, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p768-lorenz/`.

Libman:1999:DPA

[LO99] Lavy Libman and Ariel Orda. The designer's perspective to atomic noncooperative networks. *IEEE/ACM Transactions on Networking*, 7(6):875–884, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p875-libman/`.

Libman:2002:ORT

[LO02a] Lavy Libman and Ariel Orda. Optimal retrial and timeout strategies for accessing network resources.

IEEE/ACM Transactions on Networking, 10(4):551–564, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lorenz:2002:OPQ

[LO02b] Dean H. Lorenz and Ariel Orda. Optimal partition of QoS requirements on unicast paths and multicast trees. *IEEE/ACM Transactions on Networking*, 10(1):102–114, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lazar:1997:VPB

[LOP97] Aurel A. Lazar, Ariel Orda, and Dimitrios E. Pendarakis. Virtual path bandwidth allocation in multiuser networks. *IEEE/ACM Transactions on Networking*, 5(6):861–871, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p861-lazar/`.

Lorenz:2006:EQP

[LORS06] Dean H. Lorenz, Ariel Orda, Danny Raz, and Yuval Shavitt. Efficient QoS partition and routing of unicast and multicast. *IEEE/ACM Transactions on Networking*, 14(6):1336–1347, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Low:2000:EBB

[Low00] Steven H. Low. Equilibrium bandwidth and buffer allocations for elastic traffics. *IEEE/ACM Transactions on Networking*, 8(3):373–383, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p373-low/`.

Low:2003:DMT

[Low03] Steven H. Low. A duality model of TCP and queue management algorithms. *IEEE/ACM Transactions on Networking*, 11(4):525–536, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2007:DRS

[LP07] Huiyu Luo and Gregory J. Pottie. Designing routes for source coding with explicit side information in sensor networks. *IEEE/ACM Transactions on Networking*, 15(6):1401–1413, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lopez-Perez:2013:DCR

[LPCVC13] David López-Pérez, Xiaoli Chu, Athanasios V. Vasilakos, and Holger Claussen. On distributed and coordinated resource allocation for interference mitigation in self-organizing LTE networks. *IEEE/ACM Transactions on Networking*, 21(4):1145–1158, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:CBT

[LPF12] Pan Li, Miao Pan, and Yuguang Fang. Capacity bounds of three-dimensional wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 20(4):1304–1315, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lestas:2011:NES

[LPIH11] Marios Lestas, Andreas Pitsillides, Petros Ioannou, and George Hadjipollas. A new estimation scheme for the effective number of users in Internet congestion control. *IEEE/ACM Transactions on Networking*, 19(5):1499–1512, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Law:2010:DCH

[LPKF10] Lap Kong Law, Konstantinos Pelechrinis, Srikanth V. Krishnamurthy, and Michalis Faloutsos. Downlink capacity of hybrid cellular ad hoc networks. *IEEE/ACM Transactions on Networking*, 18(1):243–256, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liaskos:2011:TRL

[LPP11] Christos K. Liaskos, Sophia G. Petridou, and Georgios I. Papadimitriou. Towards realizable, low-cost broadcast systems for dynamic environments. *IEEE/ACM Transactions on Networking*, 19(2):383–392, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:MCM

[LPW14] Yixuan Li, Qiuyu Peng, and Xinbing Wang. Multicast capacity with max-min fairness for heterogeneous networks. *IEEE/ACM Transactions on Networking*, 22(2):622–635, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lam:2013:GRD

[LQ13] Simon S. Lam and Chen Qian. Geographic routing in d-dimensional spaces

with guaranteed delivery and low stretch. *IEEE/ACM Transactions on Networking*, 21(2):663–677, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2016:EPR

[LQCC16] Wen Luo, Yan Qiao, Shigang Chen, and Min Chen. An efficient protocol for RFID multigroup threshold-based classification based on sampling and logical bitmap. *IEEE/ACM Transactions on Networking*, 24(1):397–407, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2007:MTO

[LQXX07] Jikai Li, Chunming Qiao, Jinhui Xu, and Dahai Xu. Maximizing throughput for optical burst switching networks. *IEEE/ACM Transactions on Networking*, 15(5):1163–1176, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Loguinov:2003:EER

[LR03] Dmitri Loguinov and Hayder Radha. End-to-end rate-based congestion control: convergence properties and scalability analysis. *IEEE/ACM Transactions on Networking*, 11 (4):564–577, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2009:DPE

[LR09] Xiaojun Lin and Shahzada B. Rasool. Distributed and provably efficient algorithms for joint channel-assignment, scheduling, and routing in multichannel ad hoc wireless networks. *IEEE/ACM Transactions on Networking*, 17 (6):1874–1887, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leogrande:2015:MCP

[LRC15] Marco Leogrande, Fulvio Risso, and Luigi Ciminiera. Modeling complex packet filters with finite state automata. *IEEE/ACM Transactions on Networking*, 23(1):42–55, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2010:EWM

[LRG10] Jun Luo, Catherine Rosenberg, and André Girard. Engineering wireless mesh networks: joint scheduling, routing, power control, and rate adaptation. *IEEE/ACM Transactions on Networking*, 18(5):1387–1400, October 2010. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lau:2008:CDR

[LRJ08] William Lau, Gustav Filip Rosenbaum, and Sanjay Jha. Comments on 'Dynamic routing of restorable bandwidth-guaranteed tunnels using aggregated network resource usage information'. *IEEE/ACM Transactions on Networking*, 16(1):244–245, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [KL03].

Liu:2007:QTF

[LRL07] Xiliang Liu, Kaliappa Ravindran, and Dmitri Loguinov. A queueing-theoretic foundation of available bandwidth estimation: single-hop analysis. *IEEE/ACM Transactions on Networking*, 15 (4):918–931, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2008:SFA

[LRL08] Xiliang Liu, Kaliappa Ravindran, and Dmitri Loguinov. A stochastic foundation of available bandwidth estimation: multi-hop analysis. *IEEE/ACM Transactions on Networking*, 16(1):130–143, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lun:2006:MCM

[LRM+06] Desmond S. Lun, Niranjan Ratnakar, Muriel Médard, Ralf Koetter, David R. Karger, Tracey Ho, Ebad Ahmed, and Fang Zhao. Minimum-cost multicast over coded packet networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2608–2623, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

LaPorta:1993:PAM

[LS93a] Thomas F. La Porta and Mischa Schwartz. Performance analysis of MSP: feature-rich high-speed transport protocol. *IEEE/ACM Transactions on Networking*, 1(6):740–753, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p740-la_porta/`.

Landry:1993:QSP

[LS93b] Randall Landry and Ioannis Stavrakakis. Queueing study of a 3-priority policy with distinct service strategies. *IEEE/ACM Transactions on Net-*

working, 1(5):576–589, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p576-landry/`.

Lee:1993:QAT

[LS93c] Duan-Shin Lee and Bhaskar Sengupta. Queueing analysis of a threshold based priority scheme for ATM networks. *IEEE/ACM Transactions on Networking*, 1(6):709–717, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p709-lee/`.

LaMaire:1994:TRS

[LS94] Richard O. LaMaire and Dimitrios N. Serpanos. Two-dimensional round-robin schedulers for packet switches with multiple input queues. *IEEE/ACM Transactions on Networking*, 2(5):471–482, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p471-lamaire/`.

Landry:1997:SDJ

[LS97a] Randall Landry and Ioannis Stavrakakis. Study of delay jitter with and without peak rate enforcement. *IEEE/ACM Transactions on Networking*, 5(4):543–553, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p543-landry/`.

Limb:1997:PET

[LS97b] John O. Limb and Dolors Sala. A protocol for efficient transfer of data over hybrid fiber/coax systems. *IEEE/ACM Transactions on Networking*, 5(6):872–881, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p872-limb/`.

Lombardo:1997:APC

[LS97c] Alfio Lombardo and Giovanni Schembra. An analytical paradigm to compare routing strategies in an ATM multimedia environment. *IEEE/ACM Transactions on Networking*, 5(6):958–969, December 1997. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p958-lombardo/.

Li:1999:DWR

[LS99] Ling Li and Arun K. Somani. Dynamic wavelength routing using congestion and neighborhood information. *IEEE/ACM Transactions on Networking*, 7(5):779–786, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p779-li/. See comments [GLG04].

Li:2001:WAP

[LS01] Guangzhi Li and Rahul Simha. On the wavelength assignment problem in multifiber WDM star and ring networks. *IEEE/ACM Transactions on Networking*, 9(1):60–68, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p60-li/p60-li.pdf; http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p60-li/.

Lee:2003:RSH

[LS03a] Kayi Lee and Kai-Yeung Siu. On the reconfigurability of single-hub WDM ring networks. *IEEE/ACM Transactions on Networking*, 11(2):273–284, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lombardo:2003:PEA

[LS03b] Alfio Lombardo and Giovanni Schembra. Performance evaluation of an adaptive-rate MPEG encoder matching intserv traffic constraints. *IEEE/ACM Transactions on Networking*, 11(1):47–65, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2005:SND

[LS05a] Xiaojun Lin and Ness B. Shroff. Simplification of network dynamics in large systems. *IEEE/ACM Transactions on Networking*, 13(4):813–826, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2005:CDR

[LS05b] Haibin Lu and Sartaj Sahni. Conflict detection and resolution in two-dimensional prefix router tables. *IEEE/ACM Transactions on Networking*, 13

(6):1353–1363, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2006:MOQ

[LS06a] Hyoung-Il Lee and Seung-Woo Seo. Matching output queueing with a multiple input/output-queued switch. *IEEE/ACM Transactions on Networking*, 14(1):121–132, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leung:2006:OPC

[LS06b] Kin-Kwong Leung and Chi Wan Sung. An opportunistic power control algorithm for cellular network. *IEEE/ACM Transactions on Networking*, 14 (3):470–478, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:2006:GAA

[LS06c] Weifa Liang and Xiaojun Shen. A general approach for all-to-all routing in multihop WDM optical networks. *IEEE/ACM Transactions on Networking*, 14 (4):914–923, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2006:IIS

[LS06d] Xiaojun Lin and Ness B. Shroff. The impact of imperfect scheduling on cross-layer congestion control in wireless networks. *IEEE/ACM Transactions on Networking*, 14(2):302–315, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2006:OBA

[LS06e] Xiaojun Lin and Ness B. Shroff. An optimization-based approach for QoS routing in high-bandwidth networks. *IEEE/ACM Transactions on Networking*, 14(6):1348–1361, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2007:MPC

[LS07] Haibin Lu and Sartaj Sahni. $O(\log W)$ multidimensional packet classification. *IEEE/ACM Transactions on Networking*, 15 (2):462–472, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2009:SRS

[LS09] Wencheng Lu and Sartaj Sahni. Succinct representation of static packet classifiers. *IEEE/ACM Transactions on Networking*, 17(3):

803–816, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lu:2010:LPT

[LS10] Wencheng Lu and Sartaj Sahni. Low-power TCAMs for very large forwarding tables. *IEEE/ACM Transactions on Networking*, 18 (3):948–959, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Le:2014:IRI

[LS14] Franck Le and João Luís Sobrinho. Interconnecting routing instances. *IEEE/ACM Transactions on Networking*, 22(2):540–553, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Langberg:2006:ECN

[LSB06] Michael Langberg, Alexander Sprintson, and Jehoshua Bruck. The encoding complexity of network coding. *IEEE/ACM Transactions on Networking*, 14 (SI):2386–2397, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:1999:CCN

[LSC99a] Junyi Li, Ness B. Shroff, and Edwin K. P. Chong. Channel carrying: a novel handoff scheme for mobile cellular networks. *IEEE/ACM Transactions on Networking*, 7(1):38–50, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p38-li/`.

Li:1999:RPC

[LSC99b] Junyi Li, Ness B. Shroff, and K. P. Chong. A reduced-power channel reuse scheme for wireless packet cellular networks. *IEEE/ACM Transactions on Networking*, 7(6):818–832, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p818-li/`.

Laufer:2014:CLB

[LSLL14] Rafael Laufer, Theodoros Salonidis, Henrik Lundgren, and Pascal Le Guyadec. A cross-layer backpressure architecture for wireless multihop networks. *IEEE/ACM Transactions on Networking*, 22 (2):363–376, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Loiseau:2014:IMI

[LSM+14] Patrick Loiseau, Galina Schwartz, John Musacchio, Saurabh Amin, and S. Shankar Sastry. Incentive mechanisms for Internet congestion management: fixed-budget rebate versus time-of-day pricing. *IEEE/ACM Transactions on Networking*, 22(2):647–661, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2006:DDC

[LSMS06] Xiaojun Lin, Gaurav Sharma, Ravi R. Mazumdar, and Ness B. Shroff. Degenerate delay-capacity tradeoffs in ad-hoc networks with Brownian mobility. *IEEE/ACM Transactions on Networking*, 14(SI): 2777–2784, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2007:AOE

[LSS07] Longbi Lin, Ness B. Shroff, and R. Srikant. Asymptotically optimal energy-aware routing for multihop wireless networks with renewable energy sources. *IEEE/ACM Transactions on Networking*, 15(5):1021–1034, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Laoutaris:2013:DTB

[LSS+13] Nikolaos Laoutaris, Georgios Smaragdakis, Rade Stanojevic, Pablo Rodriguez, and Ravi Sundaram. Delay-tolerant bulk data transfers on the Internet. *IEEE/ACM Transactions on Networking*, 21(6): 1852–1865, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lampson:1999:ILU

[LSV99] Butler Lampson, Venkatachary Srinivasan, and George Varghese. IP lookups using multiway and multicolumn search. *IEEE/ACM Transactions on Networking*, 7(3):324–334, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p324-lampson/`.

Lang:2001:AOA

[LSV01] Jonathan P. Lang, Vishal Sharma, and Emmanouel A. Varvarigos. An analysis of oblivious and adaptive routing in optical networks with wavelength translation. *IEEE/ACM Transactions on Networking*, 9 (4):503–517, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lenzen:2015:PES

[LSW15] Christoph Lenzen, Philipp Sommer, and Roger Wattenhofer. PulseSync: an efficient and scalable clock synchronization protocol. *IEEE/ACM Transactions on Networking*, 23(3):717–727, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:JCC

[LSXS16] Jia Liu, Ness B. Shroff, Cathy H. Xia, and Hanif D. Sherali. Joint congestion control and routing optimization: an efficient second-order distributed approach. *IEEE/ACM Transactions on Networking*, 24(3):1404–1420, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2013:RPA

[LSZW13] William Wei-Liang Li, Yuan Shen, Ying Jun Zhang, and Moe Z. Win. Robust power allocation for energy-efficient location-aware networks. *IEEE/ACM Transactions on Networking*, 21(6):1918–1930, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Logothetis:1994:RAD

[LT94a] Dimitris Logothetis and Kishor S. Trivedi. Reliability analysis of the double counter-rotating ring with concentrator attachments. *IEEE/ACM Transactions on Networking*, 2(5):520–532, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p520-logothetis/`.

Lundy:1994:SAS

[LT94b] Gilbert M. Lundy and H. Alphan Tipici. Specification and analysis of the SNR high-speed transport protocol. *IEEE/ACM Transactions on Networking*, 2(5):483–496, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p483-lundy/`.

Liu:1995:BRP

[LT95] Zhen Liu and Don Towsley. Burst reduction properties of rate-control throttles: downstream queue behavior. *IEEE/ACM Transactions on Networking*, 3(1):82–90, February 1995. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p82-liu/`.

Lee:2002:SDA

[LT02] Young Lee and James M. Tien. Static and dynamic approaches to modeling end-to-end routing in circuit-switched networks. *IEEE/ACM Transactions on Networking*, 10(5):693–705, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:OAA

[LT16] Alex X. Liu and Eric Torng. Overlay automata and algorithms for fast and scalable regular expression matching. *IEEE/ACM Transactions on Networking*, 24(4):2400–2415, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lety:2004:SSC

[LTB04] Emmanuel Léty, Thierry Turletti, and François Baccelli. SCORE: a scalable communication protocol for large-scale virtual environments. *IEEE/ACM Transactions on Networking*, 12 (2):247–260, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lucerna:2010:AMB

[LTP10] Diego Lucerna, Massimo Tornatore, and Achille Pattavina. Algorithms and models for backup reprovisioning in WDM networks. *IEEE/ACM Transactions on Networking*, 18(6):1883–1894, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2005:AOS

[LTS05] Yu Liu, David Tipper, and Peerapon Siripongwutikorn. Approximating optimal spare capacity allocation by successive survivable routing. *IEEE/ACM Transactions on Networking*, 13(1):198–211, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lakshmanan:2010:APS

[LTS10] Sriram Lakshmanan, Cheng-Lin Tsao, and Raghupathy Sivakumar. Aegis: physical space security for wireless networks with smart antennas. *IEEE/ACM Transactions on Networking*, 18(4): 1105–1118, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leland:1994:SNE

[LTWW94] Will E. Leland, Murad S. Taqqu, Walter Willinger, and Daniel V. Wilson. On the self-similar nature of Ethernet traffic (extended version). *IEEE/ACM Transactions on Networking*, 2(1):1–15, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p1-leland/`.

Liang:2006:FLA

[LTY06] Gang Liang, Nina Taft, and Bin Yu. A fast lightweight approach to origin-destination IP traffic estimation using partial measurements. *IEEE/ACM Transactions on Networking*, 14(SI):2634–2648, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2008:ASE

[LTZ08] Yung-Ming Li, Yong Tan, and Yong-Pin Zhou. Analysis of scale effects in peer-to-peer networks. *IEEE/ACM Transactions on Networking*, 16(3):590–602, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2014:EHA

[LÜ14] Hui Lin and Halit Üster. Exact and heuristic algorithms for data-gathering cluster-based wireless sensor network design problem. *IEEE/ACM Transactions on Networking*, 22(3):903–916, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Low:1993:NAS

[LV93] Steven H. Low and Pravin P. Varaiya. A new approach to service provisioning in ATM networks. *IEEE/ACM Transactions on Networking*, 1(5):547–553, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p547-low/`.

LeBoudec:2000:OSG

[LV00] Jean-Yves Le Boudec and Olivier Verscheure. Optimal smoothing for guaranteed service. *IEEE/ACM Transactions on Networking*, 8(6):689–696, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p689-le\_boudec/p689-le\_boudec.pdf`;

http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p689-le_boudec/; http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p689-le_boudec/.

LeBoudec:2006:RTM

[LV06] Jean-Yves Le Boudec and Milan Vojnovic. The random trip model: stability, stationary regime, and perfect simulation. *IEEE/ACM Transactions on Networking*, 14(6):1153–1166, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

LaPorta:1996:CSL

[LVB96] Thomas F. La Porta, Malathi Veeraraghavan, and Richard W. Buskens. Comparison of signaling loads for PCS systems. *IEEE/ACM Transactions on Networking*, 4(6):840–856, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p840-la_porta/.

Liu:2011:PRC

[LW11] Cong Liu and Jie Wu. Practical routing in a cyclic MobiSpace. *IEEE/ACM Transactions on Networking*, 19(2):369–382, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2013:CAA

[LW13] Yunyue Lin and Qishi Wu. Complexity analysis and algorithm design for advance bandwidth scheduling in dedicated networks. *IEEE/ACM Transactions on Networking*, 21(1):14–27, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lin:2013:DRS

[LWAT13] Minghong Lin, Adam Wierman, Lachlan L. H. Andrew, and Eno Thereska. Dynamic right-sizing for power-proportional data centers. *IEEE/ACM Transactions on Networking*, 21(5):1378–1391, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:AAP

[LWC+14] Wei Li, Shengling Wang, Yong Cui, Xiuzhen Cheng, Ran Xin, Mznah A. Al-Rodhaan, and Abdullah Al-Dhelaan. AP association for proportional fairness in multirate WLANs. *IEEE/ACM Transactions on Networking*, 22(1):191–202, February 2014. CODEN IEANEP. ISSN 1063-

6692 (print), 1558-2566 (electronic).

Li:2012:GEE

[LWCY12] Tao Li, Samuel S. Wu, Shigang Chen, and Mark C. K. Yang. Generalized energy-efficient algorithms for the RFID estimation problem. *IEEE/ACM Transactions on Networking*, 20(6):1978–1990, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liebeherr:1996:EAC

[LWF96] Jörg Liebeherr, Dallas E. Wrege, and Domenico Ferrari. Exact admission control for networks with a bounded delay service. *IEEE/ACM Transactions on Networking*, 4(6):885–901, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p885-liebeherr/`.

Li:2003:EDR

[LWKD03] Guangzhi Li, Dongmei Wang, Charles Kalmanek, and Robert Doverspike. Efficient distributed restoration path selection for shared mesh restoration. *IEEE/ACM Transactions on Networking*, 11(5):761–771, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2004:DBM

[LWL04] C. Y. Li, P. K. A. Wai, and Victor O. K. Li. The decomposition of a blocking model for connection-oriented networks. *IEEE/ACM Transactions on Networking*, 12(3):549–558, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:DAD

[LWL+11] Dan Li, Jianping Wu, Jiangchuan Liu, Yong Cui, and Ke Xu. Defending against distance cheating in link-weighted application-layer multicast. *IEEE/ACM Transactions on Networking*, 19(5):1448–1457, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2016:VMT

[LWLL16] Hongxing Li, Chuan Wu, Zongpeng Li, and Francis C. M. Lau. Virtual machine trading in a federation of clouds: individual profit and social welfare maximization. *IEEE/ACM Transactions on Networking*, 24(3):1827–1840, June 2016. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2015:FSE

[LWR15] Qiang Liu, Xin Wang, and Nageswara S. V. Rao. Fusion of state estimates over long-haul sensor networks with random loss and delay. *IEEE/ACM Transactions on Networking*, 23 (2):644–656, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liu:2016:ERR

[LWR+16] Qiang Liu, Xin Wang, Nageswara S. V. Rao, Katharine Brigham, and B. V. K. Vijaya Kumar. Effect of retransmission and retrodiction on estimation and fusion in long-haul sensor networks. *IEEE/ACM Transactions on Networking*, 24(1):449–461, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liang:2015:TDR

[LWT+15] Qingkai Liang, Xinbing Wang, Xiaohua Tian, Fan Wu, and Qian Zhang. Two-dimensional route switching in cognitive radio networks: a game-theoretical framework. *IEEE/ACM Transactions on Networking*, 23(4):1053–1066, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lam:1997:GPS

[LX97] Simon S. Lam and Geoffrey G. Xie. Group priority scheduling. *IEEE/ACM Transactions on Networking*, 5(2):205–218, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p205-lam/`.

Lu:2005:ABP

[LXC05] Kejie Lu, Gaoxi Xiao, and Imrich Chlamtac. Analysis of blocking probability for distributed lightpath establishment in WDM optical networks. *IEEE/ACM Transactions on Networking*, 13(1):187–197, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2014:HHA

[LXX+14] Layong Luo, Gaogang Xie, Yingke Xie, Laurent Mathy, and Kavé Salamatian. A hybrid hardware architecture for high-speed IP lookups and fast route updates. *IEEE/ACM Transactions on Networking*, 22 (3):957–969, June 2014. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Li:2014:SPE

[LXY+14] Qi Li, Mingwei Xu, Yuan Yang, Lixin Gao, Yong Cui, and Jianping Wu. Safe and practical energy-efficient detour routing in IP networks. *IEEE/ACM Transactions on Networking*, 22(6):1925–1937, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leung:1994:MMV

[LY94] Yiu-Wing Leung and Tak-Shing Yum. A modular multirate video distribution system: design and dimensioning. *IEEE/ACM Transactions on Networking*, 2(6):549–557, December 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p549-leung/`.

Li:2010:ASI

[LY10] Xiaolong Li and Homayoun Yousefi'zadeh. Analysis, simulation, and implementation of VCP: a wireless profiling. *IEEE/ACM Transactions on Networking*, 18(5):1345–1358, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2011:SBD

[LYC11] Jung-Shian Li, Ching-Fang Yang, and Jian-Hong Chen. Star-block design in two-level survivable optical networks. *IEEE/ACM Transactions on Networking*, 19 (2):526–539, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Luo:2007:CSS

[LYL07] Hongbin Luo, Hongfang Yu, and Lemin Li. Comments on 'Segment shared protection in mesh communication networks with bandwidth guaranteed tunnels'. *IEEE/ACM Transactions on Networking*, 15 (6):1616, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [HTC04].

Leonard:2007:LBN

[LYRL07] Derek Leonard, Zhongmei Yao, Vivek Rai, and Dmitri Loguinov. On lifetime-based node failure and stochastic resilience of decentralized peer-to-peer networks. *IEEE/ACM Transactions on Networking*, 15(3):644–656, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Leung:1993:CMT

[LYS93] Kin K. Leung, Raymond W. Yeung, and Bhaskar Sengupta. A credit manager for traffic regulation in high-speed networks: a queueing analysis. *IEEE/ACM Transactions on Networking*, 1(2):236–245, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p236-leung/`.

Liu:2011:TOO

[LYS11] Shihuan Liu, Lei Ying, and R. Srikant. Throughput-optimal opportunistic scheduling in the presence of flow-level dynamics. *IEEE/ACM Transactions on Networking*, 19(4):1057–1070, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liew:1998:CAA

[LyT98] Soung C. Liew and Derek Chi-yin Tse. A control-theoretic approach to adapting VBR compressed video for transport over a CBR communications channel. *IEEE/ACM Transactions on Networking*, 6(1):42–55, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p42-liew/`.

Leonard:2008:SDP

[LYWL08] Derek Leonard, Zhongmei Yao, Xiaoming Wang, and Dmitri Loguinov. On static and dynamic partitioning behavior of large-scale P2P networks. *IEEE/ACM Transactions on Networking*, 16(6):1475–1488, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Levy:2006:EPD

[LZ06] Hanoch Levy and Haim Zlatokrilov. The effect of packet dispersion on voice applications in IP networks. *IEEE/ACM Transactions on Networking*, 14 (2):277–288, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2009:RAS

[LZ09] Jun Li and Yiqiang Q. Zhao. Resequencing analysis of stop-and-wait ARQ for parallel multichannel communications. *IEEE/ACM Transactions on Networking*, 17(3):817–830, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2013:RWG

[LZ13] Yanhua Li and Zhi-Li Zhang. Random walks and Green's function on digraphs: a framework for estimating wireless transmission costs. *IEEE/ACM Transactions on Networking*, 21(1):135–148, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Liew:2009:BMD

[LZC09] Soung Chang Liew, Ying Jun Zhang, and Da Rui Chen. Bounded-mean-delay throughput and nonstarvation conditions in Aloha network. *IEEE/ACM Transactions on Networking*, 17(5):1606–1618, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:MST

[LZES14] Shuang Li, Zizhan Zheng, Eylem Ekici, and Ness Shroff. Maximizing system throughput by cooperative sensing in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 22(4):1245–1256, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2009:ACW

[LZF09] Pan Li, Chi Zhang, and Yuguang Fang. Asymptotic connectivity in wireless ad hoc networks using directional antennas. *IEEE/ACM Transactions on Networking*, 17(4):1106–1117, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Presti:1999:STS

[LZKT99] Francesco Lo Presti, Zhi-Li Zhang, Jim Kurose, and Don Towsley. Source time scale and optimal buffer/bandwidth tradeoff for heterogeneous regulated traffic in a network node. *IEEE/ACM Transactions on Networking*, 7(4):490–501, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p490-presti/`.

Liang:2011:OBS

[LZL11] Chao Liang, Miao Zhao, and Yong Liu. Optimal bandwidth sharing in multiswarm multiparty P2P video-conferencing systems. *IEEE/ACM Transactions on Networking*, 19(6):1704–1716, December 2011. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Li:2012:MPA

[LZL12] Yongkun Li, Bridge Qiao Zhao, and John C. S. Lui. On modeling product advertisement in large-scale online social networks. *IEEE/ACM Transactions on Networking*, 20(5):1412–1425, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:LLB

[LZL+14] Feng Li, Chi Zhang, Jun Luo, Shi-Qing Xin, and Ying He. LBDP: localized boundary detection and parametrization for 3-D sensor networks. *IEEE/ACM Transactions on Networking*, 22(2):567–579, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Lee:2010:SEE

[LZSS10] Sanghwan Lee, Zhi-Li Zhang, Sambit Sahu, and Debanjan Saha. On suitability of Euclidean embedding for host-based network coordinate systems. *IEEE/ACM Transactions on Networking*, 18(1):27–40, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2015:GHB

[LZW+15] Dan Li, Jing Zhu, Jianping Wu, Junjie Guan, and Ying Zhang. Guaranteeing heterogeneous bandwidth demand in multitenant data center networks. *IEEE/ACM Transactions on Networking*, 23(5):1648–1660, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2014:RDM

[LZXF14] Dan Li, Hongze Zhao, Mingwei Xu, and Xiaoming Fu. Revisiting the design of mega data centers: considering heterogeneity among containers. *IEEE/ACM Transactions on Networking*, 22(5):1503–1515, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:2012:SVM

[LZZR12] Peilong Li, Honghai Zhang, Baohua Zhao, and Sampath Rangarajan. Scalable video multicast with adaptive modulation and coding in broadband wireless data systems. *IEEE/ACM Transactions on Networking*, 20(1):57–68, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mokhtar:1998:AWR

[MA98] Ahmed Mokhtar and Murat Azizoğlu. Adaptive wavelength routing in all-optical networks. *IEEE/ACM Transactions on Networking*, 6(2):197–206, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p197-mokhtar/`.

Mao:2012:TBU

[MA12] Guoqiang Mao and Brian D. O. Anderson. Towards a better understanding of large-scale network models. *IEEE/ACM Transactions on Networking*, 20 (2):408–421, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2016:SCV

[Ma16] Richard T. B. Ma. Subsidization competition: Vitalizing the neutral Internet. *IEEE/ACM Transactions on Networking*, 24(4): 2563–2576, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Maddah-Ali:2015:DCC

[MAN15] Mohammad Ali Maddah-Ali and Urs Niesen. Decentralized coded caching attains order-optimal memory-rate tradeoff. *IEEE/ACM Transactions on Networking*, 23(4):1029–1040, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marcus:1996:AQA

[Mar96] William S. Marcus. An architecture for QoS analysis and experimentation. *IEEE/ACM Transactions on Networking*, 4(4):597–603, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p597-marcus/`.

Marbach:2003:PSM

[Mar03] Peter Marbach. Priority service and max-min fairness. *IEEE/ACM Transactions on Networking*, 11 (5):733–746, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marbach:2004:ASP

[Mar04] Peter Marbach. Analysis of a static pricing scheme for priority services. *IEEE/ACM Transactions on Networking*, 12 (2):312–325, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mutlu:2009:SPS

[MAS09] Huseyin Mutlu, Murat Alanyali, and David Starobinski. Spot pricing of secondary spectrum access in wireless cellular networks. *IEEE/ACM Transactions on Networking*, 17(6):1794–1804, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2006:SAT

[MBA06] Liangping Ma, Kenneth E. Barner, and Gonzalo R. Arce. Statistical analysis of TCP's retransmission timeout algorithm. *IEEE/ACM Transactions on Networking*, 14(2):383–396, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marsan:1994:LEP

[MBC+94] Marco Ajmone Marsan, Andrea Bianco, Luigi Ciminiera, Riccardo Sisto, and Adriano Valenzano. A LOTOS extension for the performance analysis of distributed systems. *IEEE/ACM Transactions on Networking*, 2(2):151–165, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p151-marsan/`.

Medard:2002:GLB

[MBF+02] Muriel Médard, Richard A. Barry, Steven G. Finn, Wenbo He, and Steven S. Lumetta. Generalized loop-back recovery in optical mesh networks. *IEEE/ACM Transactions on Networking*, 10(1):153–164, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marsan:2002:PMS

[MBG+02] Marco Ajmone Marsan, Andrea Bianco, Paolo Giaccone, Emilio Leonardi, and Fabio Neri. Packet-mode scheduling in input-queued cell-based switches. *IEEE/ACM Transactions on Networking*, 10(5):666–678, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marsan:2003:MTI

[MBG+03] Marco Ajmone Marsan, Andrea Bianco, Paolo Giaccone, Emilio Leonardi, and Fabio Neri. Multicast traffic in input-queued switches: optimal scheduling and maximum throughput. *IEEE/ACM Transactions on Networking*, 11 (3):465–477, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Madan:2010:FAR

[MBL10] Ritesh Madan, Stephen P. Boyd, and Sanjay Lall. Fast algorithms for resource allocation in wireless cellular networks. *IEEE/ACM Transactions on Networking*, 18(3):973–984, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marsan:1993:TWA

[MBLN93] M. Ajmone Marsan, Andrea Bianco, Emilio Leonardi, and Fabio Neri. Topologies for wavelength-routing all-optical networks. *IEEE/ACM Transactions on Networking*, 1(5):534–546, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p534-marsan/`.

Menth:2009:SMS

[MBM09] Michael Menth, Andreas Binzenhöfer, and Stefan Mühleck. Source models for speech traffic revisited. *IEEE/ACM Transactions on Networking*, 17(4):1042–1051, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mukherjee:1996:SPD

[MBRM96] Biswanath Mukherjee, Dhritiman Banerjee, S. Ramamurthy, and Amarnath Mukherjee. Some principles for designing a wide-area WDM optical network. *IEEE/ACM Transactions on Networking*, 4(5):684–696, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p684-mukherjee/`.

McAuley:1994:WSC

[McA94] A. J. McAuley. Weighted sum codes for error detection and their comparison with existing codes. *IEEE/ACM Transactions on Networking*, 2(1):16–22, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p16-mcauley/`. See comments [Far95].

McKeown:1999:ISA

[McK99] Nick McKeown. The iSLIP scheduling algorithm for input-queued switches. *IEEE/ACM Transactions on Networking*, 7(2):188–201, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1999-7-2/p188-mckeown/.

Ma:2010:IEU

[MCL+10] Richard T. B. Ma, Dah Ming Chiu, John C. S. Lui, Vishal Misra, and Dan Rubenstein. Internet economics: the use of Shapley value for ISP settlement. *IEEE/ACM Transactions on Networking*, 18(3):775–787, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2011:CSB

[MCL+11] Richard T. B. Ma, Dah Ming Chiu, John C. S. Lui, Vishal Misra, and Dan Rubenstein. On cooperative settlement between content, transit, and eyeball Internet service providers. *IEEE/ACM Transactions on Networking*, 19(3):802–815, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Madan:2007:MOT

[MCLG07] Ritesh Madan, Shuguang Cui, Sanjay Lall, and Andrea J. Goldsmith. Modeling and optimization of transmission schemes in energy-constrained wireless sensor networks. *IEEE/ACM Transactions on Networking*, 15(6):1359–1372, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

McMillan:1995:DAC

[McM95] David McMillan. Delay analysis of a cellular mobile priority queueing system. *IEEE/ACM Transactions on Networking*, 3(3):310–319, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p310-mcmillan/.

Manna:2010:IPS

[MCR10] Parbati Kumar Manna, Shigang Chen, and Sanjay Ranka. Inside the permutation-scanning worms: propagation modeling and analysis. *IEEE/ACM Transactions on Networking*, 18(3):858–870, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Manzoni:1999:WMV

[MCS99] Pietro Manzoni, Paolo Cremonesi, and Giuseppe Serazzi. Workload models of VBR video traffic and their use in resource allocation policies. *IEEE/ACM Transactions on Networking*, 7(3):387–397, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (elec-

tronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p387-manzoni/.

Mao:2004:DDA

[MD04] Zuji Mao and Christos Douligeris. A distributed database architecture for global roaming in next-generation mobile networks. *IEEE/ACM Transactions on Networking*, 12(1):146–160, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Malone:2007:MDC

[MDL07] David Malone, Ken Duffy, and Doug Leith. Modeling the 802.11 distributed coordination function in non-saturated heterogeneous conditions. *IEEE/ACM Transactions on Networking*, 15(1):159–172, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Menasche:2013:CAB

[MDL+13] Daniel S. Menasche, Antonio A. De A.Rocha, Bin Li, Don Towsley, and Arun Venkataramani. Content availability and bundling in swarming systems. *IEEE/ACM Transactions on Networking*, 21(2):580–593, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Menth:2009:RAP

[MDMM09] Michael Menth, Michael Duelli, Ruediger Martin, and Jens Milbrandt. Resilience analysis of packet-switched communication networks. *IEEE/ACM Transactions on Networking*, 17(6):1950–1963, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Modiano:1996:EAP

[ME96] Eytan Modiano and Anthony Ephremides. Efficient algorithms for performing packet broadcasts in a mesh network. *IEEE/ACM Transactions on Networking*, 4(4):639–648, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p639-modiano/.

Medhi:1995:MMC

[Med95] D. Medhi. Multi-hour, multi-traffic class network design for virtual path-based dynamically reconfigurable wide-area ATM networks. *IEEE/ACM Transactions on Networking*, 3(6):809–818, December 1995. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p809-medhi/.

Mahanti:2003:SDM

[MEVSS03] Anirban Mahanti, Derek L. Eager, Mary K. Vernon, and David J. Sundaram-Stukel. Scalable on-demand media streaming with packet loss recovery. *IEEE/ACM Transactions on Networking*, 11(2):195–209, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Moazzez-Estanjini:2013:SMN

[MEWP13] Reza Moazzez-Estanjini, Jing Wang, and Ioannis Ch. Paschalidis. Scheduling mobile nodes for cooperative data transport in sensor networks. *IEEE/ACM Transactions on Networking*, 21(3):974–989, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Medard:1999:RTP

[MFB99] Muriel Médard, Steven G. Finn, and Richard A. Barry. Redundant trees for preplanned recovery in arbitrary vertex-redundant or edge-redundant graphs. *IEEE/ACM Transactions on Networking*, 7(5):641–652, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p641-medard/.

Marsan:2004:UIP

[MFL+04] Marco Ajmone Marsan, Mirko Franceschinis, Emilio Leonardi, Fabio Neri, and Alessandro Tarello. Underload instabilities in packet networks with flow schedulers. *IEEE/ACM Transactions on Networking*, 12 (6):1131–1143, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Moldeklev:1995:HLA

[MG95] Kjersti Moldeklev and Per Gunningberg. How a large ATM MTU causes deadlocks in TCP data transfers. *IEEE/ACM Transactions on Networking*, 3(4):409–422, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p409-moldeklev/.

MacGregor:1997:DPR

[MG97a] M. H. MacGregor and Wayne D. Grover. Distributed partial-express routing of broad-band

transport network demands. *IEEE/ACM Transactions on Networking*, 5(6):981–988, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p981-macgregor/`.

Medhi:1997:NDP

[MG97b] D. Medhi and Sujit Guptan. Network dimensioning and performance of multiservice, multirate loss networks with dynamic routing. *IEEE/ACM Transactions on Networking*, 5(6):944–957, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p944-medhi/`.

Mardani:2016:ETA

[MG16] Morteza Mardani and Georgios B. Giannakis. Estimating traffic and anomaly maps via network tomography. *IEEE/ACM Transactions on Networking*, 24(3):1533–1547, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Madhavan:2015:ACN

[MGCK15] Mukundan Madhavan, Harish Ganapathy, Malolan Chetlur, and Shivkumar Kalyanaraman. Adapting cellular networks to whitespaces spectrum. *IEEE/ACM Transactions on Networking*, 23(2):383–397, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marsan:2005:UPD

[MGG+05] Marco Ajmone Marsan, Michele Garetto, Paolo Giaccone, Emilio Leonardi, Enrico Schiattarella, and Alessandro Tarello. Using partial differential equations to model TCP mice and elephants in large IP networks. *IEEE/ACM Transactions on Networking*, 13(6):1289–1301, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Magistretti:2012:MDM

[MGK12] Eugenio Magistretti, Omer Gurewitz, and Edward W. Knightly. Measurement-driven modeling of transmission coordination for 802.11 online. *IEEE/ACM Transactions on Networking*, 20(5):1635–1648, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Magistretti:2014:CAC

[MGK14] Eugenio Magistretti, Omer Gurewitz, and Edward W. Knightly. 802.11ec: collision avoidance without control messages. *IEEE/ACM Transactions on Networking*, 22(6):1845–1858, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Meddeb:2002:IPM

[MGR02] Aref Meddeb, André Girard, and Catherine Rosenberg. The impact of point-to-multipoint traffic concentration on multirate networks design. *IEEE/ACM Transactions on Networking*, 10(1):115–124, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Murali:1997:RAL

[MH97] Ramaswamy Murali and Brian L. Hughes. Random access with large propagation delay. *IEEE/ACM Transactions on Networking*, 5(6):924–935, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p924-murali/`.

Mao:2002:LPA

[MH02] Guoqiang Mao and Daryoush Habibi. Loss performance analysis for heterogeneous ON-OFF sources with application to connection admission control. *IEEE/ACM Transactions on Networking*, 10(1):125–138, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2014:ILM

[MHL+14] Liang Ma, Ting He, Kin K. Leung, Ananthram Swami, and Don Towsley. Inferring link metrics from end-to-end path measurements: identifiability and monitor placement. *IEEE/ACM Transactions on Networking*, 22(4):1351–1368, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Medina:2012:GRS

[MHRR12] Daniel Medina, Felix Hoffmann, Francesco Rossetto, and Carl-Herbert Rokitansky. A geographic routing strategy for North Atlantic in-flight Internet access via airborne mesh networking. *IEEE/ACM Transactions on Networking*, 20(4):1231–1244, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Madhow:1995:OWR

[MHS95] Upamanyu Madhow, Michael L. Honig, and Kenneth Steiglitz. Optimization of wireless resources for personal communications mobility tracking. *IEEE/ACM Transactions on Networking*, 3(6):698–707, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p698-madhow/`.

Min:1995:NCN

[MHSC95] Paul S. Min, Manjunath V. Hegde, Hossein Saidi, and Alex Chandra. Nonblocking copy networks in multichannel switching. *IEEE/ACM Transactions on Networking*, 3(6):857–871, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p857-min/`.

Misra:2010:CRN

[MHXT10] Satyajayant Misra, Seung Don Hong, Guoliang Xue, and Jian Tang. Constrained relay node placement in wireless sensor networks: formulation and approximations. *IEEE/ACM Transactions on Networking*, 18(2):434–447, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Markopoulou:2008:CFO

[MIB+08] Athina Markopoulou, Gianluca Iannaccone, Supratik Bhattacharyya, Chen-Nee Chuah, Yashar Ganjali, and Christophe Diot. Characterization of failures in an operational IP backbone network. *IEEE/ACM Transactions on Networking*, 16(4):749–762, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mills:1995:IAS

[Mil95] David L. Mills. Improved algorithms for synchronizing computer network clocks. *IEEE/ACM Transactions on Networking*, 3(3):245–254, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p245-mills/`.

Mills:1998:AHC

[Mil98] David L. Mills. Adaptive hybrid clock discipline algorithm for the network time protocol. *IEEE/ACM Transactions on Networking*, 6(5):505–514, October 1998. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p505-mills/`.

Mitzenmacher:2002:CBF

[Mit02] Michael Mitzenmacher. Compressed bloom filters. *IEEE/ACM Transactions on Networking*, 10(5):604–612, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2001:MHN

[MJ01] Sheng Ma and Chuanyi Ji. Modeling heterogeneous network traffic in wavelet domain. *IEEE/ACM Transactions on Networking*, 9(5):634–649, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Metnani:2013:SFC

[MJ13] Ammar Metnani and Brigitte Jaumard. Stability of FIPP p-cycles under dynamic traffic in WDM networks: dynamic traffic,failure-independent path-protecting (FIPP) p-cycles,path protection,shared bandwidth protection,stability of protection structures. *IEEE/ACM Transactions on Networking*, 21(2):413–425, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Muthusamy:2014:IFC

[MJ14] Vinod Muthusamy and Hans-Arno Jacobsen. Infrastructure-free content-based publish/subscribe. *IEEE/ACM Transactions on Networking*, 22(5):1516–1530, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mokhtarian:2015:MDM

[MJ15] Kianoosh Mokhtarian and Hans-Arno Jacobsen. Minimum-delay multicast algorithms for mesh overlays. *IEEE/ACM Transactions on Networking*, 23(3):973–986, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Murakami:1996:VPR

[MK96] Kazutaka Murakami and Hyong S. Kim. Virtual path routing for survivable ATM networks. *IEEE/ACM Transactions on Networking*, 4(1):22–39, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p22-murakami/`.

Murakami:1998:OCF

[MK98] Kazutaka Murakami and Hyong S. Kim. Optimal capacity and flow assignment for self-healing ATM networks based on line and end-to-end restoration. *IEEE/ACM Transactions on Networking*, 6(2):207–221, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p207-murakami/`.

Mondal:2010:UME

[MK10] Amit Mondal and Aleksandar Kuzmanovic. Upgrading mice to elephants: effects and end-point solutions. *IEEE/ACM Transactions on Networking*, 18 (2):367–378, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mao:2016:OOS

[MKS16] Zhoujia Mao, Can Emre Koksal, and Ness B. Shroff. Optimal online scheduling with arbitrary hard deadlines in multihop communication networks. *IEEE/ACM Transactions on Networking*, 24(1):177–189, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mishra:1996:HRC

[MKT96] Partho Pratim Mishra, Hemant Kanakia, and Satish K. Tripathi. On hop-by-hop rate-based congestion control. *IEEE/ACM Transactions on Networking*, 4(2):224–239, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p224-mishra/`.

Moon:2006:RAS

[ML06] Ji-Cheol Moon and Byeong Gi Lee. Rate-adaptive snoop: a TCP enhancement scheme over rate-controlled lossy links. *IEEE/ACM Transactions on Networking*, 14 (3):603–615, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Menth:2012:PPB

[ML12] Michael Menth and Frank Lehrieder. Performance of PCN-based admission control under challenging conditions. *IEEE/ACM Transactions on Networking*, 20 (2):422–435, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Movsichoff:2007:EEO

[MLC07] Bernardo A. Movsichoff, Constantino M. Lagoa, and

Hao Che. End-to-end optimal algorithms for integrated QoS, traffic engineering, and failure recovery. *IEEE/ACM Transactions on Networking*, 15 (4):813–823, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2006:ISD

[MLLY06] Richard T. B. Ma, Sam C. M. Lee, John C. S. Lui, and David K. Y. Yau. Incentive and service differentiation in P2P networks: a game theoretic approach. *IEEE/ACM Transactions on Networking*, 14 (5):978–991, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2015:EIE

[MLM15] Richard T. B. Ma, John C. S. Lui, and Vishal Misra. Evolution of the Internet economic ecosystem. *IEEE/ACM Transactions on Networking*, 23 (1):85–98, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Miao:2012:CAD

[MLS12] Guowang Miao, Ye Li, and Ananthram Swami. Channel-aware distributed medium access control. *IEEE/ACM Transactions on Networking*, 20(4):1290–1303, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Meiners:2011:TTA

[MLT11] Chad R. Meiners, Alex X. Liu, and Eric Torng. Topological transformation approaches to TCAM-based packet classification. *IEEE/ACM Transactions on Networking*, 19(1):237–250, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Meiners:2012:BWN

[MLT12] Chad R. Meiners, Alex X. Liu, and Eric Torng. Bit weaving: a non-prefix approach to compressing packet classifiers in TCAMs. *IEEE/ACM Transactions on Networking*, 20(2):488–500, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mitra:1994:ECU

[MM94] Debasis Mitra and John A. Morrison. Erlang capacity and uniform approximations for shared unbuffered resources. *IEEE/ACM Transactions on Networking*, 2(6):558–570, December 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (elec-

tronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p558-mitra/.

Ma:2013:PON

[MM13] Richard T. B. Ma and Vishal Misra. The public option: a nonregulatory alternative to network neutrality. *IEEE/ACM Transactions on Networking*, 21(6):1866–1879, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mellia:2005:TSF

[MMC05] Marco Mellia, Michela Meo, and Claudio Casetti. TCP smart framing: a segmentation algorithm to reduce TCP latency. *IEEE/ACM Transactions on Networking*, 13(2):316–329, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mallada:2015:SNC

[MMH+15] Enrique Mallada, Xiaoqiao Meng, Michel Hack, Li Zhang, and Ao Tang. Skewless network clock synchronization without discontinuity: convergence and performance. *IEEE/ACM Transactions on Networking*, 23(5):1619–1633, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mitra:1996:AND

[MMR96] Debasis Mitra, John A. Morrison, and K. G. Ramakrishnan. ATM network design and optimization: a multirate loss network framework. *IEEE/ACM Transactions on Networking*, 4(4):531–543, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p531-mitra/.

Ma:2009:AGS

[MMR09] Richard T. B. Ma, Vishal Misra, and Dan Rubenstein. An analysis of generalized slotted-Aloha protocols. *IEEE/ACM Transactions on Networking*, 17(3):936–949, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mohan:2001:EAR

[MMS01] G. Mohan, C. Siva Ram Murthy, and Arun K. Somani. Efficient algorithms for routing dependable connections in WDM optical networks. *IEEE/ACM Transactions on Networking*, 9(5):553–566, October 2001. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Markakis:2014:MWS

[MMT14] Mihalis G. Markakis, Eytan Modiano, and John N. Tsitsiklis. Max-weight scheduling in queueing networks with heavy-tailed traffic. *IEEE/ACM Transactions on Networking*, 22(1):257–270, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Markakis:2016:DSB

[MMT16] Mihalis G. Markakis, Eytan Modiano, and John N. Tsitsiklis. Delay stability of back-pressure policies in the presence of heavy-tailed traffic. *IEEE/ACM Transactions on Networking*, 24(4):2046–2059, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mneimneh:2008:MFI

[Mne08] Saad Mneimneh. Matching from the first iteration: an iterative switching algorithm for an input queued switch. *IEEE/ACM Transactions on Networking*, 16(1):206–217, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Martin:2003:DBC

[MNR03] Jim Martin, Arne Nilsson, and Injong Rhee. Delay-based congestion avoidance for TCP. *IEEE/ACM Transactions on Networking*, 11(3):356–369, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Modiano:1999:RAS

[Mod99] Eytan Modiano. Random algorithms for scheduling multicast traffic in WDM broadcast-and-select networks. *IEEE/ACM Transactions on Networking*, 7 (3):425–434, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p425-modiano/`.

Manfredi:2013:DCL

[MOR13] Sabato Manfredi, Francesco Oliviero, and Simon Pietro Romano. A distributed control law for load balancing in content delivery networks. *IEEE/ACM Transactions on Networking*, 21 (1):55–68, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mayer:2000:LCD

[MOY00] Alain Mayer, Yoram Ofek, and Moti Yung. Local

and congestion-driven fairness algorithm in arbitrary topology networks. *IEEE/ACM Transactions on Networking*, 8(3):362–372, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p362-mayer/`.

Maxemchuk:2005:QMT

[MOZ05] Nicholas F. Maxemchuk, Iradj Ouveysi, and Moshe Zukerman. A quantitative measure for telecommunications networks topology design. *IEEE/ACM Transactions on Networking*, 13 (4):731–742, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Miller:1993:GMC

[MP93] Raymond E. Miller and Sanjoy Paul. On the generation of minimal-length conformance tests for communication protocols. *IEEE/ACM Transactions on Networking*, 1(1): 116–129, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p116-miller/`.

Miller:1994:SAP

[MP94] Raymond E. Miller and Sanjoy Paul. Structural analysis of protocol specifications and generation of maximal fault coverage conformance test sequences. *IEEE/ACM Transactions on Networking*, 2(5):457–470, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p457-miller/`.

Micciancio:2008:OCC

[MP08] Daniele Micciancio and Saurabh Panjwani. Optimal communication complexity of generic multicast key distribution. *IEEE/ACM Transactions on Networking*, 16(4):803–813, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Martignon:2015:ETB

[MPF+15] Fabio Martignon, Stefano Paris, Ilario Filippini, Lin Chen, and Antonio Capone. Efficient and truthful bandwidth allocation in wireless mesh community networks. *IEEE/ACM Transactions on Networking*, 23(1):161–174, February 2015. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Markatos:2002:WCS

[MPFK02] Evangelos P. Markatos, Dionisios N. Pnevmatikatos, Michail D. Flouris, and Manolis G. H. Katevenis. Web-conscious storage management for Web proxies. *IEEE/ACM Transactions on Networking*, 10(6): 735–748, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Martinez:2009:DFN

[MPL09] Christopher J. Martinez, Devang K. Pandya, and Wei-Ming Lin. On designing fast nonuniformly distributed IP address lookup hashing algorithms. *IEEE/ACM Transactions on Networking*, 17(6):1916–1925, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Meiners:2014:FRE

[MPN+14] Chad R. Meiners, Jignesh Patel, Eric Norige, Alex X. Liu, and Eric Torng. Fast regular expression matching using small TCAM. *IEEE/ACM Transactions on Networking*, 22(1):94–109, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mansour:2001:JCQ

[MPS01] Yishay Mansour and Boaz Patt-Shamir. Jitter control in QoS networks. *IEEE/ACM Transactions on Networking*, 9(4):492–502, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Marbach:2005:CWA

[MQ05] Peter Marbach and Ying Qiu. Cooperation in wireless ad hoc networks: a market-based approach. *IEEE/ACM Transactions on Networking*, 13(6):1325–1338, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Moghe:1996:ECP

[MR96] Pratyush Moghé and Izhak Rubin. Enhanced call: a paradigm for applications with dynamic client-membership and client-level binding in ATM networks. *IEEE/ACM Transactions on Networking*, 4(4):615–628, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p615-moghe/`.

Mark:1998:RED

[MR98] Brian L. Mark and Gopalakrishnan Ramamurthy. Real-time estimation and dynamic renegotiation of UPC parameters for arbitrary traffic sources in ATM networks. *IEEE/ACM Transactions on Networking*, 6(6):811–827, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p811-mark/`.

Massoulie:2002:BSO

[MR02] Laurent Massoulié and James Roberts. Bandwidth sharing: objectives and algorithms. *IEEE/ACM Transactions on Networking*, 10(3):320–328, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Magharei:2009:PPP

[MR09] Nazanin Magharei and Reza Rejaie. PRIME: peer-to-peer receiver-driven mesh-based streaming. *IEEE/ACM Transactions on Networking*, 17(4):1052–1065, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Misra:2008:ITB

[MRD08] Archan Misra, Abhishek Roy, and Sajal K. Das. Information-theory based optimal location management schemes for integrated multi-system wireless networks. *IEEE/ACM Transactions on Networking*, 16(3):525–538, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mohsenian-Rad:2014:RIN

[MRHWS14] Hamed Mohsenian-Rad, Jianwei Huang, Vincent W. S. Wong, and Robert Schober. Repeated intersession network coding games: efficiency and min-max bargaining solution. *IEEE/ACM Transactions on Networking*, 22(4):1121–1135, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Manimaran:1999:NDR

[MRM99] G. Manimaran, Hariharan Shankar Rahul, and C. Siva Ram Murthy. A new distributed route selection approach for channel establishment in real-time networks. *IEEE/ACM Transactions on Networking*, 7(5):698–709, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/1999-7-5/p698-manimaran/.

Magharei:2014:IFL

[MRR+14] Nazanin Magharei, Reza Rejaie, Ivica Rimac, Volker Hilt, and Markus Hofmann. ISP-friendly live P2P streaming. *IEEE/ACM Transactions on Networking*, 22(1):244–256, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Merchant:1995:ACS

[MS95] Arif Merchant and Bhaskar Sengupta. Assignment of cells to switches in PCS networks. *IEEE/ACM Transactions on Networking*, 3(5):521–526, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p521-merchant/.

Mneimneh:2003:ATI

[MS03] Saad Mneimneh and Kai-Yeung Siu. On achieving throughput in an input-queued switch. *IEEE/ACM Transactions on Networking*, 11(5):858–867, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Menache:2008:CME

[MS08] Ishai Menache and Nahum Shimkin. Capacity management and equilibrium for proportional QoS. *IEEE/ACM Transactions on Networking*, 16(5):1025–1037, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Maguluri:2014:SJU

[MS14] Siva Theja Maguluri and R. Srikant. Scheduling jobs with unknown duration in clouds. *IEEE/ACM Transactions on Networking*, 22(6):1938–1951, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Moharir:2015:MWV

[MS15] Sharayu Moharir and Sanjay Shakkottai. Max weight versus back pressure: routing and scheduling in multichannel relay networks. *IEEE/ACM Transactions on Networking*, 23(5):1584–1598, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Margolies:2016:EMP

[MSA+16] Robert Margolies, Ashwin Sridharan, Vaneet Aggarwal, Rittwik Jana, N. K. Shankaranarayanan,

Vinay A. Vaishampayan, and Gil Zussman. Exploiting mobility in proportional fair cellular scheduling: measurements and algorithms. *IEEE/ACM Transactions on Networking*, 24(1):355–367, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Matragi:1997:JCA

[MSB97] Wassim Matragi, Khosrow Sohraby, and Chatschik Bisdikian. Jitter calculus in ATM networks: multiple nodes. *IEEE/ACM Transactions on Networking*, 5(1):122–133, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p122-matragi/`.

Mirza:2010:MLA

[MSBZ10] Mariyam Mirza, Joel Sommers, Paul Barford, and Xiaojin Zhu. A machine learning approach to TCP throughput prediction. *IEEE/ACM Transactions on Networking*, 18(4):1026–1039, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Min:1995:NAB

[MSH95] P. S. Min, H. Saidi, and M. V. Hegde. A nonblocking architecture for broadband multichannel switching. *IEEE/ACM Transactions on Networking*, 3(2):181–198, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p181-min/`.

Mehyar:2007:ADA

[MSP+07] Mortada Mehyar, Demetri Spanos, John Pongsajapan, Steven H. Low, and Richard M. Murray. Asynchronous distributed averaging on communication networks. *IEEE/ACM Transactions on Networking*, 15(3):512–520, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See correction [Kri14].

Mneimneh:2002:SUP

[MSS02] Saad Mneimneh, Vishal Sharma, and Kai-Yeung Siu. Switching using parallel input-output queued switches with no speedup. *IEEE/ACM Transactions on Networking*, 10(5):653–665, October 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Manweiler:2012:OMT

[MSS+12] Justin Manweiler, Naveen Santhapuri, Souvik Sen, Romit Roy Choudhury, Srihari Nelakuditi, and Kamesh Munagala. Order matters: transmission reordering in wireless networks. *IEEE/ACM Transactions on Networking*, 20 (2):353–366, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Moharir:2016:OLB

[MSS16] Sharayu Moharir, Sujay Sanghavi, and Sanjay Shakkottai. Online load balancing under graph constraints. *IEEE/ACM Transactions on Networking*, 24(3):1690–1703, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mertzios:2012:PRO

[MSSZ12] George B. Mertzios, Ignasi Sau, Mordechai Shalom, and Shmuel Zaks. Placing regenerators in optical networks to satisfy multiple sets of requests. *IEEE/ACM Transactions on Networking*, 20(6):1870–1879, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mao:2006:JDJ

[MSWL06] Yinian Mao, Yan Sun, Min Wu, and K. J. Ray Liu. JET: dynamic join-exit-tree amortization and scheduling for contributory key management. *IEEE/ACM Transactions on Networking*, 14(5):1128–1140, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Maille:2006:PIM

[MT06] Patrick Maillé and Bruno Tuffin. Pricing the Internet with multibid auctions. *IEEE/ACM Transactions on Networking*, 14(5):992–1004, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Markopoulou:2003:AQV

[MTK03] Athina P. Markopoulou, Fouad A. Tobagi, and Mansour J. Karam. Assessing the quality of voice communications over Internet backbones. *IEEE/ACM Transactions on Networking*, 11(5):747–760, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Massoulie:2008:CRS

[MV08] Laurent Massoulié and Milan Vojnovic. Coupon replication systems. *IEEE/*

ACM Transactions on Networking, 16(3):603–616, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mandjes:2009:RDT

[MV09] Michel Mandjes and Remco Van De Meent. Resource dimensioning through buffer sampling. *IEEE/ACM Transactions on Networking*, 17(5):1631–1644, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Minnebo:2014:FCP

[MV14] Wouter Minnebo and Benny Van Houdt. A fair comparison of pull and push strategies in large distributed networks. *IEEE/ACM Transactions on Networking*, 22(3):996–1006, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mishra:2016:AFP

[MV16] Abhishek Mishra and Parv Venkitasubramaniam. Anonymity and fairness in packet scheduling: a quantitative tradeoff. *IEEE/ACM Transactions on Networking*, 24(2):688–702, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Malboubi:2016:DNI

[MVCS16] Mehdi Malboubi, Cuong Vu, Chen-Nee Chuah, and Puneet Sharma. Decentralizing network inference problems with multiple-description fusion estimation MDFE. *IEEE/ACM Transactions on Networking*, 24(4):2539–2552, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2009:OWM

[MVRZ09] Hui Ma, Rajiv Vijayakumar, Sumit Roy, and Jing Zhu. Optimizing 802.11 wireless mesh networks based on physical carrier sensing. *IEEE/ACM Transactions on Networking*, 17(5):1550–1563, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mishra:1998:EFC

[MW98] Shivakant Mishra and Lei Wu. An evaluation of flow control in group communication. *IEEE/ACM Transactions on Networking*, 6(5):571–587, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p571-mishra/`.

Mo:2000:FEE

[MW00] Jeonghoon Mo and Jean Walrand. Fair end-to-end window-based congestion control. *IEEE/ACM Transactions on Networking*, 8(5):556–567, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p556-mo/`.

Mitra:2005:STE

[MW05] Debasis Mitra and Qiong Wang. Stochastic traffic engineering for demand uncertainty and risk-aware network revenue management. *IEEE/ACM Transactions on Networking*, 13 (2):221–233, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Musacchio:2006:WAP

[MW06] John Musacchio and Jean Walrand. WiFi access point pricing as a dynamic game. *IEEE/ACM Transactions on Networking*, 14 (2):289–301, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Meng:2016:CBN

[MWC16] Tong Meng, Fan Wu, and Guihai Chen. Code-based neighbor discovery protocols in mobile wireless networks. *IEEE/ACM Transactions on Networking*, 24 (2):806–819, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Mao:2010:SSS

[MWQ+10] Yun Mao, Feng Wang, Lili Qiu, Simon Lam, and Jonathan Smith. S4: small state and small stretch compact routing protocol for large static wireless networks. *IEEE/ACM Transactions on Networking*, 18 (3):761–774, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ma:2013:PVP

[MYYR13] Chris Y. T. Ma, David K. Y. Yau, Nung Kwan Yip, and Nageswara S. V. Rao. Privacy vulnerability of published anonymous mobility traces. *IEEE/ACM Transactions on Networking*, 21(3):720–733, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nair:2016:CFF

[NAA+16] Jayakrishnan Nair, Martin Andreasson, Lachlan L. H. Andrew, Steven H. Low, and John C. Doyle. On channel failures, file fragmentation policies, and

heavy-tailed completion times. *IEEE/ACM Transactions on Networking*, 24(1):529–541, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nguyen:2012:TCM

[NABZ12] Thuy T. T. Nguyen, Grenville Armitage, Philip Branch, and Sebastian Zander. Timely and continuous machine-learning-based classification for interactive IP traffic. *IEEE/ACM Transactions on Networking*, 20(6):1880–1894, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Naik:1997:ECU

[Nai97] Kshirasagar Naik. Efficient computation of unique input/output sequences in finite-state machines. *IEEE/ACM Transactions on Networking*, 5(4):585–599, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p585-naik/`.

Nonnenmacher:1999:SFL

[NB99] Jörg Nonnenmacher and Ernst W. Biersack. Scalable feedback for large groups. *IEEE/ACM Transactions on Networking*, 7(3):375–386, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p375-nonnenmacher/`.

Nahum:2002:PIW

[NBK02] Erich Nahum, Tsipora Barzilai, and Dilip D. Kandlur. Performance issues in WWW servers. *IEEE/ACM Transactions on Networking*, 10(1):2–11, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nonnenmacher:1998:PLR

[NBT98] Jörg Nonnenmacher, Ernst W. Biersack, and Don Towsley. Parity-based loss recovery for reliable multicast transmission. *IEEE/ACM Transactions on Networking*, 6(4):349–361, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p349-nonnenmacher/`.

Nucci:2007:ILW

[NBTD07] Antonio Nucci, Supratik Bhattacharyya, Nina Taft, and Christophe Diot. IGP link weight assignment for

operational Tier-1 backbones. *IEEE/ACM Transactions on Networking*, 15 (4):789–802, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nakibly:2015:ODP

[NCK15] Gabi Nakibly, Reuven Cohen, and Liran Katzir. Optimizing data plane resources for multipath flows. *IEEE/ACM Transactions on Networking*, 23(1):138–147, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nguyen:2014:USM

[NCT14] Van Minh Nguyen, Chung Shue Chen, and Laurent Thomas. A unified stochastic model of handover measurement in mobile networks. *IEEE/ACM Transactions on Networking*, 22(5):1559–1576, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nace:2006:COM

[NDGL06] Dritan Nace, Nhat-Linh Doan, Eric Gourdin, and Bernard Liau. Computing optimal max-min fair resource allocation for elastic flows. *IEEE/ACM Transactions on Networking*, 14(6):1272–1281, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2008:OOD

[Nee08] Michael J. Neely. Order optimal delay for opportunistic scheduling in multi-user wireless uplinks and downlinks. *IEEE/ACM Transactions on Networking*, 16(5):1188–1199, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2009:DAM

[Nee09] Michael J. Neely. Delay analysis for maximal scheduling with flow control in wireless networks with bursty traffic. *IEEE/ACM Transactions on Networking*, 17(4):1146–1159, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2013:DBN

[Nee13] Michael J. Neely. Delay-based network utility maximization. *IEEE/ACM Transactions on Networking*, 21(1):41–54, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2016:DSO

[Nee16a] Michael J. Neely. Distributed stochastic opti-

mization via correlated scheduling. *IEEE/ACM Transactions on Networking*, 24(2):759–772, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2016:EAW

[Nee16b] Michael J. Neely. Energy-aware wireless scheduling with near-optimal backlog and convergence time tradeoffs. *IEEE/ACM Transactions on Networking*, 24(4):2223–2236, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nikkhah:2016:MII

[NG16] Mehdi Nikkhah and Roch Guerin. Migrating the Internet to IPv6: an exploration of the when and why. *IEEE/ACM Transactions on Networking*, 24(4): 2291–2304, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nair:2016:WHT

[NJW16] Jayakrishnan Nair, Krishna Jagannathan, and Adam Wierman. When heavy-tailed and light-tailed flows compete: the response time tail under generalized max-weight scheduling. *IEEE/ACM Transactions on Networking*, 24(2):982–995, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nam:2008:MBA

[NKS08] Seung Yeob Nam, Sunggon Kim, and Dan Keun Sung. Measurement-based admission control at edge routers. *IEEE/ACM Transactions on Networking*, 16(2):410–423, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Naor:1999:LLA

[NL99] Zohar Naor and Hanoch Levy. LATS: a load-adaptive threshold scheme for tracking mobile users. *IEEE/ACM Transactions on Networking*, 7(6):808–817, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p808-naor/`.

Ng:2007:TAI

[NL07] Ping Chung Ng and Soung Chang Liew. Throughput analysis of IEEE802.11 multi-hop ad hoc networks. *IEEE/ACM Transactions on Networking*, 15(2):309–322, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Naghizadeh:2016:PTM

[NL16] Parinaz Naghizadeh and Mingyan Liu. Perceptions and truth: a mechanism design approach to crowd-sourcing reputation. *IEEE/ACM Transactions on Networking*, 24(1):163–176, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nistor:2015:HAP

[NLB15] Maricica Nistor, Daniel E. Lucani, and João Barros. Hardware abstraction and protocol optimization for coded sensor networks. *IEEE/ACM Transactions on Networking*, 23(3):866–879, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nelakuditi:2007:FLR

[NLY+07] Srihari Nelakuditi, Sanghwan Lee, Yinzhe Yu, Zhi-Li Zhang, and Chen-Nee Chuah. Fast local rerouting for handling transient link failures. *IEEE/ACM Transactions on Networking*, 15(2):359–372, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Naser:2006:JOI

[NM06] Hassan Naser and Hussein T. Mouftah. A joint-ONU interval-based dynamic scheduling algorithm for Ethernet passive optical networks. *IEEE/ACM Transactions on Networking*, 14(4):889–899, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nair:2009:DIO

[NM09] Jayakrishnan Nair and D. Manjunath. Distributed iterative optimal resource allocation with concurrent updates of routing and flow control variables. *IEEE/ACM Transactions on Networking*, 17(4):1312–1325, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2007:LDT

[NMC07] Michael J. Neely, Eytan Modiano, and Yuan-Sheng Cheng. Logarithmic delay for $N \times N$ packet switches under the crossbar constraint. *IEEE/ACM Transactions on Networking*, 15(3):657–668, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nong:1999:ANA

[NMH99] Ge Nong, Jogesh K. Muppala, and Mounir Hamdi. Analysis of nonblocking ATM switches with multiple input queues. *IEEE/*

ACM Transactions on Networking, 7(1):60–74, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p60-nong/`.

Newman:1998:ISU

[NML98] Peter Newman, Greg Minshall, and Thomas L. Lyon. IP switching — ATM under IP. *IEEE/ACM Transactions on Networking*, 6(2):117–129, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p117-newman/`.

Neely:2008:FOS

[NML08] Michael J. Neely, Eytan Modiano, and Chih-Ping Li. Fairness and optimal stochastic control for heterogeneous networks. *IEEE/ACM Transactions on Networking*, 16(2):396–409, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neely:2003:PAR

[NMR03] Michael J. Neely, Eytan Modiano, and Charles E. Rohrs. Power allocation and routing in multi-beam satellites with time-varying channels. *IEEE/ACM Transactions on Networking*, 11(1):138–152, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nahir:2014:TDC

[NOF14] Amir Nahir, Ariel Orda, and Ari Freund. Topology design of communication networks: a game-theoretic perspective. *IEEE/ACM Transactions on Networking*, 22(2):405–414, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ngo:2006:CAN

[NPQ06] Hung Q. Ngo, Dazhen Pan, and Chunming Qiao. Constructions and analyses of nonblocking WDM switches based on arrayed waveguide grating and limited wavelength conversion. *IEEE/ACM Transactions on Networking*, 14(1):205–217, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ngo:2007:OSN

[NPY07] Hung Q. Ngo, Dazhen Pan, and Yuanyuan Yang. Optical switching networks with minimum number of limited-range wavelength converters. *IEEE/ACM*

Transactions on Networking, 15(4):969–979, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neelakantan:1998:SFM

[NR98] B. Neelakantan and S. V. Raghavan. Scientific foundations to the multilevel method. *IEEE/ACM Transactions on Networking*, 6(3):337–346, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p337-neelakantan/`.

Nguyen:2013:RSA

[NR13] Hung X. Nguyen and Matthew Roughan. Rigorous statistical analysis of Internet loss measurements. *IEEE/ACM Transactions on Networking*, 21 (3):734–745, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Northcote:1998:SCP

[NS98] Bruce S. Northcote and Donald E. Smith. Service control point overload rules to protect intelligent network services. *IEEE/ACM Transactions on Networking*, 6(1):71–81, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p71-northcote/`.

Nayak:2003:DON

[NS03] Tapan Kumar Nayak and Kumar N. Sivarajan. Dimensioning optical networks under traffic growth models. *IEEE/ACM Transactions on Networking*, 11(6):935–947, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nuggehalli:2006:ECP

[NSCR06] Pavan Nuggehalli, Vikram Srinivasan, Carla-Fabiana Chiasserini, and Ramesh R. Rao. Efficient cache placement in multi-hop wireless networks. *IEEE/ACM Transactions on Networking*, 14(5):1045–1055, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ning:2016:FAP

[NSP+16] Jianxia Ning, Shailendra Singh, Konstantinos Pelechrinis, Bin Liu, Srikanth V. Krishnamurthy, and Ramesh Govindan. Forensic analysis of packet losses in wireless networks. *IEEE/ACM Transactions on Networking*, 24(4):1975–

1988, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Narahari:1996:EAE

[NSS96] Bhagirath Narahari, Sunil Shende, and Rahul Simha. Efficient algorithms for erasure node placement on slotted dual bus networks. *IEEE/ACM Transactions on Networking*, 4(5):779–784, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p779-narahari/`.

Narvaez:2000:NDA

[NST00] Paolo Narváez, Kai-Yeung Siu, and Hong-Yi Tzeng. New dynamic algorithms for shortest path tree computation. *IEEE/ACM Transactions on Networking*, 8(6):734–746, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p734-narvaez/p734-narvaez.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p734-narvaez/`.

Narvaez:2001:NDS

[NST01] Paolo Narváez, Kai-Yeung Siu, and Hong-Yi Tzeng. New dynamic SPT algorithm based on a ball-and-string model. *IEEE/ACM Transactions on Networking*, 9(6):706–718, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nencioni:2016:SEG

[NST+16] Gianfranco Nencioni, Nishanth Sastry, Gareth Tyson, Vijay Badrinarayanan, Dmytro Karamshuk, Jigna Chandaria, and Jon Crowcroft. SCORE: Exploiting global broadcasts to create offline personal channels for on-demand access. *IEEE/ACM Transactions on Networking*, 24(4):2429–2442, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ni:2011:CSP

[NSW11] Jian Ni, R. Srikant, and Xinzhou Wu. Coloring spatial point processes with applications to peer discovery in large wireless networks. *IEEE/ACM Transactions on Networking*, 19 (2):575–588, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Noel:2000:PMM

[NT00] Eric Noel and K. Wendy Tang. Performance mod-

eling of multihop network subject to uniform and nonuniform geometric traffic. *IEEE/ACM Transactions on Networking*, 8(6): 763–774, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p763-noel/p763-noel.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p763-noel/`.

Ni:2012:QCQ

[NTS12] Jian Ni, Bo Tan, and R. Srikant. Q-CSMA: queue-length-based CSMA/CA algorithms for achieving maximum throughput and low delay in wireless networks. *IEEE/ACM Transactions on Networking*, 20(3):825–836, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ngo:2009:RNW

[NWP09] Hung Q. Ngo, Yang Wang, and Dazhen Pan. Rearrangeable and nonblocking $[w, f]$-distributors. *IEEE/ACM Transactions on Networking*, 17(3):990–1001, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ni:2010:EDR

[NXTY10] Jian Ni, Haiyong Xie, Sekhar Tatikonda, and Yang Richard Yang. Efficient and dynamic routing topology inference from end-to-end measurements. *IEEE/ACM Transactions on Networking*, 18(1):123–135, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Neumayer:2011:AVF

[NZCM11] Sebastian Neumayer, Gil Zussman, Reuven Cohen, and Eytan Modiano. Assessing the vulnerability of the fiber infrastructure to disasters. *IEEE/ACM Transactions on Networking*, 19(6):1610–1623, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Nelakuditi:2002:APR

[NZTD02] Srihari Nelakuditi, Zhi Li Zhang, Rose P. Tsang, and David H. C. Du. Adaptive proportional routing: a localized QoS routing approach. *IEEE/ACM Transactions on Networking*, 10(6):790–804, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oxcxauz:2015:SDP

[OAN15] Barlas Oğuz, Venkat Anantharam, and Ilkka Norros. Stable distributed P2P protocols based on random peer sampling. *IEEE/ACM Transactions on Networking*, 23(5):1444–1456, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ozdaglar:2003:RWA

[OB03] Asuman E. Ozdaglar and Dimitri P. Bertsekas. Routing and wavelength assignment in optical networks. *IEEE/ACM Transactions on Networking*, 11 (2):259–272, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ozdemir:2010:IFD

[OÇ10] Suat Ozdemir and Hasan Çam. Integration of false data detection with data aggregation and confidential transmission in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 18(3):736–749, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oller:2016:TCS

[ODC+16] Joaquim Oller, Ilker Demirkol, Jordi Casademont, Josep Paradells, Gerd Ulrich Gamm, and Leonhard Reindl. Has time come to switch from duty-cycled MAC protocols to wake-up radio for wireless sensor networks? *IEEE/ACM Transactions on Networking*, 24(2):674–687, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Olah:1996:CMT

[OdG96] András L. Oláh and Sonia M. Heemstra de Groot. Comments on "Minimum-latency transport protocols with modulo-N". *IEEE/ACM Transactions on Networking*, 4(4):660–666, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p660-olah/`. See [SL95].

Olah:1997:ASV

[OdG97] András L. Oláh and Sonia M. Heemstra de Groot. Alternative specification and verification of a periodic state exchange protocol. *IEEE/ACM Transactions on Networking*, 5(4):525–529, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1997-5-4/p525-olah/.

Okamura:2009:MAP

[ODT09] Hiroyuki Okamura, Tadashi Dohi, and Kishor S. Trivedi. Markovian arrival process parameter estimation with group data. *IEEE/ACM Transactions on Networking*, 17(4):1326–1339, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ouyang:2016:DSM

[OES16] Wenzhuo Ouyang, Atilla Eryilmaz, and Ness B. Shroff. Downlink scheduling over Markovian fading channels. *IEEE/ACM Transactions on Networking*, 24(3):1801–1812, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oggier:2011:ACA

[OF11] Frédérique Oggier and Hanane Fathi. An authentication code against pollution attacks in network coding. *IEEE/ACM Transactions on Networking*, 19 (6):1587–1596, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Orsini:2014:EIK

[OGLK14] Chiara Orsini, Enrico Gregori, Luciano Lenzini, and Dmitri Krioukov. Evolution of the Internet k-dense structure. *IEEE/ACM Transactions on Networking*, 22(6):1769–1780, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oki:2002:CRR

[OJRCC02] Eiji Oki, Zhigang Jing, Roberto Rojas-Cessa, and H. Jonathan Chao. Concurrent round-robin-based dispatching schemes for Clos-network switches. *IEEE/ACM Transactions on Networking*, 10(6):830–844, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Omundsen:1994:PMA

[OKM94] Daniel S. Omundsen, A. Roger Kaye, and Samy A. Mahmoud. A pipelined, multiprocessor architecture for a connectionless server for broadband ISDN. *IEEE/ACM Transactions on Networking*, 2(2):181–192, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p181-omundsen/.

Ohsita:2010:GRV

[OMA+10] Yuichi Ohsita, Takashi

Miyamura, Shin'ichi Arakawa, Shingo Ata, Eiji Oki, Kohei Shiomoto, and Masayuki Murata. Gradually reconfiguring virtual network topologies based on estimated traffic matrices. *IEEE/ACM Transactions on Networking*, 18(1):177–189, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oliveira:2010:COI

[OPW+10] Ricardo Oliveira, Dan Pei, Walter Willinger, Beichuan Zhang, and Lixia Zhang. The (in)completeness of the observed Internet AS-level structure. *IEEE/ACM Transactions on Networking*, 18(1):109–122, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Onus:2011:MMD

[OR11] Melih Onus and Andréa W. Richa. Minimum maximum-degree publish-subscribe overlay network design. *IEEE/ACM Transactions on Networking*, 19(5):1331–1343, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Orda:1999:REE

[Ord99] Ariel Orda. Routing with end-to-end QoS guarantees in broadband networks. *IEEE/ACM Transactions on Networking*, 7(3):365–374, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p365-orda/`.

Orda:1993:CRM

[ORS93a] Ariel Orda, Raphael Rom, and Nahum Shimkin. Competitive routing in multiuser communication networks. *IEEE/ACM Transactions on Networking*, 1 (5):510–521, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p510-orda/`.

Orda:1993:MDR

[ORS93b] Ariel Orda, Raphael Rom, and Moshe Sidi. Minimum delay routing in stochastic networks. *IEEE/ACM Transactions on Networking*, 1(2):187–198, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p187-orda/`.

Orda:2003:PSQ

[OS03] Ariel Orda and Alexander

Sprintson. Precomputation schemes for QoS routing. *IEEE/ACM Transactions on Networking*, 11 (4):578–591, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Orda:2005:SAP

[OS05] Ariel Orda and Alexander Sprintson. A scalable approach to the partition of QoS requirements in unicast and multicast. *IEEE/ACM Transactions on Networking*, 13(5):1146–1159, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ofek:1997:ISA

[OSW97] Yoram Ofek, Khosrow Sohraby, and Ho-Ting Wu. Integration of synchronous and asynchronous traffic on the MetaRing and its performance study. *IEEE/ACM Transactions on Networking*, 5(1):111–121, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p111-ofek/`.

Ou:2006:SVC

[OSZ+06] Canhui Ou, Laxman H. Sahasrabuddhe, Keyao Zhu, Charles U. Martel, and Biswanath Mukherjee. Survivable virtual concatenation for data over SONET/SDH in optical transport networks. *IEEE/ACM Transactions on Networking*, 14(1):218–231, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ostovari:2016:SVS

[OWKS16] Pouya Ostovari, Jie Wu, Abdallah Khreishah, and Ness B. Shroff. Scalable video streaming with helper nodes using random linear network coding. *IEEE/ACM Transactions on Networking*, 24 (3):1574–1587, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ohsaki:1997:PIB

[OWMM97] Hiroyuki Ohsaki, Naoki Wakamiya, Masayuki Murata, and Hideo Miyahara. Performance of an input/output buffered-type ATM LAN switch with backpressure function. *IEEE/ACM Transactions on Networking*, 5(2):278–290, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p278-ohsaki/`.

Ofek:1995:MPA

[OY95] Yoram Ofek and Moti Yung. METANET: principles of an arbitrary topology LAN. *IEEE/ACM Transactions on Networking*, 3(2):169–180, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p169-ofek/`.

Ouyang:2013:ATO

[OY13] Ming Ouyang and Lei Ying. Approaching throughput optimality with limited feedback in multichannel wireless downlink networks. *IEEE/ACM Transactions on Networking*, 21 (6):1827–1838, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Oliveira:2009:QPE

[OZPZ09] Ricardo Oliveira, Beichuan Zhang, Dan Pei, and Lixia Zhang. Quantifying path exploration in the Internet. *IEEE/ACM Transactions on Networking*, 17 (2):445–458, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Passos:2012:JAR

[PA12] Diego Passos and Celio V. N. Albuquerque. A joint approach to routing metrics and rate adaptation in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 20 (4):999–1009, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Padmanabhan:1995:EAF

[Pad95] Krishnan Padmanabhan. An efficient architecture for fault-tolerant ATM switches. *IEEE/ACM Transactions on Networking*, 3(5):527–537, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p527-padmanabhan/`.

Pankaj:1999:WRM

[Pan99] Rajesh K. Pankaj. Wavelength requirements for multicasting in all-optical networks. *IEEE/ACM Transactions on Networking*, 7(3):414–424, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p414-pankaj/`.

Paxson:1994:EDA

[Pax94] Vern Paxson. Empirically derived analytic models of wide-area TCP con-

nections. *IEEE/ACM Transactions on Networking*, 2(4):316–336, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p316-paxson/`.

Paxson:1997:ERB

[Pax97] Vern Paxson. End-to-end routing behavior in the Internet. *IEEE/ACM Transactions on Networking*, 5(5):601–615, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p601-paxson/`.

Paxson:1999:EEI

[Pax99] Vern Paxson. End-to-end Internet packet dynamics. *IEEE/ACM Transactions on Networking*, 7(3):277–292, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p277-paxson/`.

Pattavina:1993:AIO

[PB93] Achille Pattavina and Giacomo Bruzzi. Analysis of input and output queueing for non-blocking ATM switches. *IEEE/ACM Transactions on Networking*, 1(3):314–328, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p314-pattavina/`.

Pelechrinis:2011:MDA

[PBKG11] Konstantinos Pelechrinis, Ioannis Broustis, Srikanth V. Krishnamurthy, and Christos Gkantsidis. A measurement-driven anti-jamming system for 802.11 networks. *IEEE/ACM Transactions on Networking*, 19(4):1208–1222, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Partridge:1998:IR

[PCB+98] Craig Partridge, Philip P. Carvey, Ed Burgess, Isidro Castineyra, Tom Clarke, Lise Graham, Michael Hathaway, Phil Herman, Allen King, Steve Kohalmi, Tracy Ma, John Mcallen, Trevor Mendez, Walter C. Milliken, Ronald Pettyjohn, John Rokosz, Joshua Seeger, Michael Sollins, Steve Storch, Benjamin Tober, and Gregory D. Troxel. A 50-Gb/s IP router. *IEEE/ACM Transactions on Networking*, 6(3):237–248,

June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p237-partridge/`.

Premkumar:2015:PFC

[PCL15] Karumbu Premkumar, Xiaomin Chen, and Douglas J. Leith. Proportional fair coding for wireless mesh networks. *IEEE/ACM Transactions on Networking*, 23(1):269–281, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Patel:2008:IQP

[PCV08] Maulin Patel, R. Chandrasekaran, and S. Venkatesan. Improved quasi-path restoration in mesh networks. *IEEE/ACM Transactions on Networking*, 16(1):144–156, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Peng:2016:TCT

[PCW+16] Yang Peng, Kai Chen, Guohui Wang, Wei Bai, Yangming Zhao, Hao Wang, Yanhui Geng, Zhiqiang Ma, and Lin Gu. Towards comprehensive traffic forecasting in cloud computing: Design and application. *IEEE/ACM Transactions on Networking*, 24(4): 2210–2222, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Patil:2007:MRQ

[PD07] Shailesh Patil and Gustavo De Veciana. Managing resources and quality of service in heterogeneous wireless systems exploiting opportunism. *IEEE/ACM Transactions on Networking*, 15(5):1046–1058, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pedersen:2016:EMV

[PD16] Hasti A. Pedersen and Sujit Dey. Enhancing mobile video capacity and quality using rate adaptation, RAN caching and processing. *IEEE/ACM Transactions on Networking*, 24 (2):996–1010, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Papandriopoulos:2008:ODP

[PDE08] John Papandriopoulos, Subhrakanti Dey, and Jamie Evans. Optimal and distributed protocols for cross-layer design of physical and transport layers in MANETs. *IEEE/ACM Transactions on Networking*, 16(6):1392–1405, December 2008. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Panagakis:2004:OCA

[PDSK04] Antonis Panagakis, Nandita Dukkipati, Ioannis Stavrakakis, and Joy Kuri. Optimal call admission control on a single link with a GPS scheduler. *IEEE/ACM Transactions on Networking*, 12(5):865–878, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Prasad:2009:RBS

[PDT09] Ravi S. Prasad, Constantine Dovrolis, and Marina Thottan. Router buffer sizing for TCP traffic and the role of the output/input capacity ratio. *IEEE/ACM Transactions on Networking*, 17(5):1645–1658, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pascu:2009:CFA

[PEA09] Stefan Alexandru Pascu and Ahmed A. El-Amawy. On conflict-free all-to-all broadcast in one-hop optical networks of arbitrary topologies. *IEEE/ACM Transactions on Networking*, 17(5):1619–1630, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pujol:2012:LEC

[PES+12] Josep M. Pujol, Vijay Erramilli, Georgos Siganos, Xiaoyuan Yang, Nikolaos Laoutaris, Parminder Chhabra, and Pablo Rodriguez. The little engine(s) that could: scaling online social networks. *IEEE/ACM Transactions on Networking*, 20(4):1162–1175, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paxson:1995:WAT

[PF95] Vern Paxson and Sally Floyd. Wide area traffic: the failure of Poisson modeling. *IEEE/ACM Transactions on Networking*, 3(3):226–244, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p226-paxson/`.

Picker:1996:ESF

[PFC96] Dan Picker, Ronald D. Fellman, and Paul M. Chau. An extension to the SCI flow control protocol for increased network efficiency. *IEEE/ACM Transactions on Networking*, 4(1):71–85, February 1996. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p71-picker/.

Padhye:2000:MTR

[PFTK00] Jitendra Padhye, Victor Firoiu, Donald F. Towsley, and James F. Kurose. Modeling TCP Reno performance: a simple model and its empirical validation. *IEEE/ACM Transactions on Networking*, 8 (2):133–145, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p133-padhye/. See comments [CBAT06].

Parekh:1993:GPS

[PG93] Abhay K. Parekh and Robert G. Gallager. A generalized processor sharing approach to flow control in integrated services networks: the single-node case. *IEEE/ACM Transactions on Networking*, 1(3): 344–357, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p344-parekh/.

Parekh:1994:GPS

[PG94a] Abhay K. Parekh and Robert G. Gallagher. A generalized processor sharing approach to flow control in integrated services networks: the multiple node case. *IEEE/ACM Transactions on Networking*, 2(2):137–150, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p137-parekh/.

Pattavina:1994:PAA

[PG94b] Achille Pattavina and Stefano Gianatti. Performance analysis of ATM Banyan networks with shared queueing — part II: correlated/unbalanced offered traffic. *IEEE/ACM Transactions on Networking*, 2(4):411–424, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p411-pattavina/.

Pankaj:1995:WRA

[PG95] Rajesh K. Pankaj and Robert G. Gallager. Wavelength requirements of all-optical networks. *IEEE/ACM Transactions on Networking*, 3(3):269–280,

June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p269-pankaj/`.

Plante:2016:MOS

[PGV16] Jeremy M. Plante, Arush Gadkar, and Vinod M. Vokkarane. Manycast overlay in split-incapable networks for supporting bandwidth-intensive applications. *IEEE/ACM Transactions on Networking*, 24(1):342–354, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paschalidis:2015:MPA

[PHL15] Ioannis Ch. Paschalidis, Fuzhuo Huang, and Wei Lai. A message-passing algorithm for wireless network scheduling. *IEEE/ACM Transactions on Networking*, 23(5):1528–1541, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pillai:2001:DOC

[Pil01] R. Radhakrishna Pillai. A distributed overload control algorithm for delay-bounded call setup. *IEEE/ACM Transactions on Networking*, 9(6):780–789, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pitsillides:2005:ANC

[PILR05] Andreas Pitsillides, Petros Ioannou, Marios Lestas, and Loukas Rossides. Adaptive nonlinear congestion controller for a differentiated-services framework. *IEEE/ACM Transactions on Networking*, 13(1):94–107, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Preciado:2013:MBS

[PJ13] Victor M. Preciado and Ali Jadbabaie. Moment-based spectral analysis of large-scale networks using local structural information. *IEEE/ACM Transactions on Networking*, 21 (2):373–382, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pronk:2001:CCR

[PK01] Verus Pronk and Jan Korst. Comments on "Carry-over Round Robin: A Simple Cell Scheduling Mechanism for ATM networks". *IEEE/ACM Transactions on Networking*, 9(3):373, June 2001. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). See [SMT98].

Paschalidis:2002:PML

[PL02] Ioannis Ch. Paschalidis and Yong Liu. Pricing in multiservice loss networks: static pricing, asymptotic optimality, and demand substitution effects. *IEEE/ACM Transactions on Networking*, 10(3):425–438, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pacifici:2016:CBA

[PLD16] Valentino Pacifici, Frank Lehrieder, and György Dán. Cache bandwidth allocation for P2P file-sharing systems to minimize inter-ISP traffic. *IEEE/ACM Transactions on Networking*, 24(1):437–448, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pefkianakis:2013:TMA

[PLL13] Ioannis Pefkianakis, Suk-Bok Lee, and Songwu Lu. Towards MIMO-aware 802.11n rate adaptation. *IEEE/ACM Transactions on Networking*, 21(3):692–705, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Partov:2015:UFO

[PLR15] Bahar Partov, Douglas J. Leith, and Rouzbeh Razavi. Utility fair optimization of antenna tilt angles in LTE networks. *IEEE/ACM Transactions on Networking*, 23(1):175–185, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paschalidis:2007:AOT

[PLS07] Ioannis Ch. Paschalidis, Wei Lai, and David Starobinski. Asymptotically optimal transmission policies for large-scale low-power wireless sensor networks. *IEEE/ACM Transactions on Networking*, 15(1):105–118, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Patel:2014:BSE

[PLT14] Jignesh Patel, Alex X. Liu, and Eric Torng. Bypassing space explosion in high-speed regular expression matching. *IEEE/ACM Transactions on Networking*, 22(6):1701–1714, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Papadimitriou:1996:LAR

[PM96] Georgios I. Papadimitriou and Dimitris G. Marit-

sas. Learning automata-based receiver conflict avoidance algorithms for WDM broadcast-and-select star networks. *IEEE/ACM Transactions on Networking*, 4(3):407–412, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p407-papadimitriou/`.

Paganini:2009:UAC

[PM09] Fernando Paganini and Enrique Mallada. A unified approach to congestion control and node-based multipath routing. *IEEE/ACM Transactions on Networking*, 17(5):1413–1426, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pedarsani:2016:OCC

[PMAN16] Ramtin Pedarsani, Mohammad Ali Maddah-Ali, and Urs Niesen. Online coded caching. *IEEE/ACM Transactions on Networking*, 24(2):836–845, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pollini:1995:ERI

[PMH95] Gregory P. Pollini and Kathleen S. Meier-Hellstern. Efficient routing of information between interconnected cellular mobile switching centers. *IEEE/ACM Transactions on Networking*, 3(6):765–774, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p765-pollini/`.

Parvez:2010:ATM

[PMW10] Nadim Parvez, Anirban Mahanti, and Carey Williamson. An analytic throughput model for TCP NewReno. *IEEE/ACM Transactions on Networking*, 18(2):448–461, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paris:2013:CLM

[PNRMC13] Stefano Paris, Cristina Nita-Rotaru, Fabio Martignon, and Antonio Capone. Cross-layer metrics for reliable routing in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 21(3):1003–1016, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Papadopoulos:1993:EES

[PP93a] Christos Papadopoulos and Gurudatta M. Parulkar. Experimental evaluation of

SUNOS IPC and TCP/IP protocol implementation. *IEEE/ACM Transactions on Networking*, 1(2):199–216, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p199-papadopoulos/`.

Partridge:1993:FU

[PP93b] Craig Partridge and Stephen Pink. A faster UDP. *IEEE/ACM Transactions on Networking*, 1(4):429–440, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p429-partridge/`.

Psounis:2002:ERW

[PP02] Konstantinos Psounis and Balaji Prabhakar. Efficient randomized web-cache replacement schemes using samples from past eviction times. *IEEE/ACM Transactions on Networking*, 10 (4):441–455, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Papadopoulos:2015:NMR

[PPK15] Fragkiskos Papadopoulos, Constantinos Psomas, and Dmitri Krioukov. Network mapping by replaying hyperbolic growth. *IEEE/ACM Transactions on Networking*, 23(1):198–211, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pan:2005:SME

[PPPW05] Rong Pan, Balaji Prabhakar, Konstantinos Psounis, and Damon Wischik. SHRiNK: a method for enabling scaleable performance prediction and efficient network simulation. *IEEE/ACM Transactions on Networking*, 13(5):975–988, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pei:2013:AAT

[PPSV13] Guanhong Pei, Srinivasan Parthasarathy, Aravind Srinivasan, and Anil Kumar S. Vullikanti. Approximation algorithms for throughput maximization in wireless networks with delay constraints. *IEEE/ACM Transactions on Networking*, 21(6):1988–2000, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Papadopoulos:2004:LWM

[PPV04] Christos Papadopoulos, Guru Parulkar, and George Varghese. Light-weight

multicast services (LMS): a router-assisted scheme for reliable multicast. *IEEE/ACM Transactions on Networking*, 12(3):456–468, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Phan:2012:NOD

[PPV12] Khoa Tran Phan, Jaeok Park, and Mihaela Van Der Schaar. Near-optimal deviation-proof medium access control designs in wireless networks. *IEEE/ACM Transactions on Networking*, 20(5):1581–1594, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Petrovic:2006:OUR

[PRR06] Dragan Petrović, Kannan Ramchandran, and Jan Rabaey. Overcoming untuned radios in wireless networks with network coding. *IEEE/ACM Transactions on Networking*, 14 (SI):2649–2657, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pieris:1993:LLB

[PS93] Gerard R. Pieris and Galen H. Sasaki. A linear lightwave Benes network. *IEEE/ACM Transactions on Networking*, 1(4):441–445, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p441-pieris/`.

Pieris:1994:STW

[PS94] Gerard R. Pieris and Galen H. Sasaki. Scheduling transmissions in WDM broadcast-and-select networks. *IEEE/ACM Transactions on Networking*, 2 (2):105–110, April 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-2/p105-pieris/`.

Privalov:1998:PJA

[PS98] Aleksandr Privalov and Khosrow Sohraby. Per-stream jitter analysis in CBR ATM multiplexors. *IEEE/ACM Transactions on Networking*, 6(2):141–149, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p141-privalov/`.

Park:2005:OTL

[PS05] Taejoon Park and Kang G. Shin. Optimal tradeoffs for location-based routing in large-scale ad hoc net-

works. *IEEE/ACM Transactions on Networking*, 13 (2):398–410, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paschalidis:2009:STN

[PS09] Ioannis Ch. Paschalidis and Georgios Smaragdakis. Spatio-temporal network anomaly detection by assessing deviations of empirical measures. *IEEE/ACM Transactions on Networking*, 17(3):685–697, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Picu:2015:DMF

[PS15] Andreea Picu and Thrasyvoulos Spyropoulos. DTN-meteo: forecasting the performance of DTN protocols under heterogeneous mobility. *IEEE/ACM Transactions on Networking*, 23 (2):587–602, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pejhan:1996:ECU

[PSA96] Sassan Pejhan, Mischa Schwartz, and Dimitris Anastassiou. Error control using retransmission schemes in multicast transport protocols for real-time media. *IEEE/ACM Transactions on Networking*, 4(3):413–427, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p413-pejhan/`.

Papageorgiou:2015:DRR

[PSK+15] George Papageorgiou, Shailendra Singh, Srikanth V. Krishnamurthy, Ramesh Govindan, and Tom La Porta. A distortion-resistant routing framework for video traffic in wireless multihop networks. *IEEE/ACM Transactions on Networking*, 23(2):412–425, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Peha:1994:AFT

[PT94] Jon M. Peha and Fouad A. Tobagi. Analyzing the fault tolerance of double-loop networks. *IEEE/ACM Transactions on Networking*, 2(4):363–373, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p363-peha/`.

Papavassiliou:1996:JOC

[PT96] Symeon Papavassiliou and Leandros Tassiulas. Joint optimal channel base sta-

tion and power assignment for wireless access. *IEEE/ACM Transactions on Networking*, 4(6):857–872, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p857-papavassiliou/`.

Paschalidis:2000:CDP

[PT00] Ioannis Ch. Paschalidis and John N. Tsitsiklis. Congestion-dependent pricing of network services. *IEEE/ACM Transactions on Networking*, 8 (2):171–184, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p171-paschalidis/`.

Pong:2010:SSS

[PT10] Fong Pong and Nian-Feng Tzeng. SUSE: superior storage-efficiency for routing tables through prefix transformation and aggregation. *IEEE/ACM Transactions on Networking*, 18 (1):81–94, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Pong:2012:CLT

[PT12] Fong Pong and Nian-Feng Tzeng. Concise lookup tables for IPv4 and IPv6 longest prefix matching in scalable routers. *IEEE/ACM Transactions on Networking*, 20(3):729–741, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paschalidis:2004:ISE

[PV04] Ioannis Ch. Paschalidis and Spyridon Vassilaras. Importance sampling for the estimation of buffer overflow probabilities via trace-driven simulations. *IEEE/ACM Transactions on Networking*, 12(5):907–919, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Park:2010:MAC

[PV10] Jaeok Park and Mihaela Van Der Schaar. Medium access control protocols with memory. *IEEE/ACM Transactions on Networking*, 18(6):1921–1934, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Paganini:2005:CCH

[PWDL05] Fernando Paganini, Zhikui Wang, John C. Doyle, and Steven H. Low. Congestion control for high performance, stability, and fairness in general net-

works. *IEEE/ACM Transactions on Networking*, 13 (1):43–56, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Peng:2016:MTA

[PWHL16] Qiuyu Peng, Anwar Walid, Jaehyun Hwang, and Steven H. Low. Multipath TCP: analysis, design, and implementation. *IEEE/ACM Transactions on Networking*, 24(1):596–609, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Premnath:2013:BOB

[PWK+13] Sriram N. Premnath, Daryl Wasden, Sneha K. Kasera, Neal Patwari, and Behrouz Farhang-Boroujeny. Beyond OFDM: best-effort dynamic spectrum access using filterbank multicarrier. *IEEE/ACM Transactions on Networking*, 21(3): 869–882, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Parvez:2012:IMS

[PWMC12] Khandoker Nadim Parvez, Carey Williamson, Anirban Mahanti, and Niklas Carlsson. Insights on media streaming progress using BitTorrent-like protocols for on-demand streaming. *IEEE/ACM Transactions on Networking*, 20(3): 637–650, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Park:1999:DSR

[PYL99] Jae-Hyun Park, Hyunsoo Yoon, and Heung-Kyu Lee. The deflection self-routing Banyan network: a large-scale ATM switch using the fully adaptive self-routing and its performance analyses. *IEEE/ACM Transactions on Networking*, 7(4):588–604, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p588-park/`.

Parsa:1998:IAD

[PZGLA98] Mehrdad Parsa, Qing Zhu, and J. J. Garcia-Luna-Aceves. An iterative algorithm for delay-constrained minimum-cost multicasting. *IEEE/ACM Transactions on Networking*, 6(4):461–474, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p461-parsa/`.

Pan:2016:TZT

[PZS+16] Tian Pan, Ting Zhang, Junxiao Shi, Yang Li, Linxiao Jin, Fuliang Li, Jiahai Yang, Beichuan Zhang, Xueren Yang, Mingui Zhang, Huichen Dai, and Bin Liu. Towards zero-time wakeup of line cards in power-aware routers. *IEEE/ACM Transactions on Networking*, 24(3):1448–1461, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qazi:2012:CCM

[QAZ12] Ihsan Ayyub Qazi, Lachlan L. H. Andrew, and Taieb Znati. Congestion control with multipacket feedback. *IEEE/ACM Transactions on Networking*, 20(6): 1721–1733, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiao:2016:TOP

[QCLC16] Yan Qiao, Shigang Chen, Tao Li, and Shiping Chen. Tag-ordering polling protocols in RFID systems. *IEEE/ACM Transactions on Networking*, 24(3):1548–1561, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiao:2007:IAT

[QCS07] Daji Qiao, Sunghyun Choi, and Kang G. Shin. Interference analysis and transmit power control in IEEE 802.11a/h wireless LANs. *IEEE/ACM Transactions on Networking*, 15(5):1007–1020, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiu:2011:LRM

[QGCL11] Jian Qiu, Mohan Gurusamy, Kee Chaing Chua, and Yong Liu. Local restoration with multiple spanning trees in metro Ethernet networks. *IEEE/ACM Transactions on Networking*, 19(2):602–614, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qin:2016:ISR

[QJZ+16] Yi Qin, Riheng Jia, Jinbei Zhang, Weijie Wu, and Xinbing Wang. Impact of social relation and group size in multicast ad hoc networks. *IEEE/ACM Transactions on Networking*, 24(4):1989–2004, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiu:2001:MBA

[QK01] Jingyu Qiu and Edward W. Knightly. Measurement-based admission control with aggregate traffic envelopes. *IEEE/ACM Transactions on Networking*, 9(2):199–210, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p199-qiu/p199-qiu.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p199-qiu/`.

Qian:2016:GRN

[QL16a] Chen Qian and Simon S. Lam. Greedy routing by network distance embedding. *IEEE/ACM Transactions on Networking*, 24(4): 2100–2113, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qian:2016:SRL

[QL16b] Chen Qian and Simon S. Lam. A scalable and resilient layer-2 network with Ethernet compatibility. *IEEE/ACM Transactions on Networking*, 24(1): 231–244, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Li:1993:QRIb

[qLH93a] San qi Li and Chia-Lin Hwang. Queue response to input correlation functions: continuous spectral analysis. *IEEE/ACM Transactions on Networking*, 1(6):678–692, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p678-li/`.

Li:1993:QRIa

[qLH93b] San qi Li and Chia-Lin Hwang. Queue response to input correlation functions: discrete spectral analysis. *IEEE/ACM Transactions on Networking*, 1(5):522–533, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p522-li/`.

Li:1997:CTM

[qLlH97] San qi Li and Chia lin Hwang. On the convergence of traffic measurement and queueing analysis: a statistical-matching and queueing (SMAQ) tool. *IEEE/ACM Transactions on Networking*, 5(1):95–110, February 1997. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p95-li/.

Li:1997:LLF

[qLP97] San qi Li and James D. Pruneski. The linearity of low frequency traffic flow: an intrinsic I/O property in queueing systems. *IEEE/ACM Transactions on Networking*, 5(3):429–443, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p429-li/.

Qiao:1999:LPE

[QM99] Chunming Qiao and Yousong Mei. Off-line permutation embedding and scheduling in multiplexed optical networks with regular topologies. *IEEE/ACM Transactions on Networking*, 7(2):241–250, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p241-qiao/.

Qiu:2004:PFC

[QS04] Dongyu Qiu and Ness B. Shroff. A predictive flow control scheme for efficient network utilization and QoS. *IEEE/ACM Transactions on Networking*, 12(1):161–172, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiu:2005:QPF

[QS05] Dongyu Qiu and Ness B. Shroff. Queueing properties of feedback flow control systems. *IEEE/ACM Transactions on Networking*, 13 (1):57–68, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiu:2015:CLL

[QSS+15] Chenxi Qiu, Haiying Shen, Sohraab Soltani, Karan Sapra, Hao Jiang, and Jason O. Hallstrom. CEDAR: a low-latency and distributed strategy for packet recovery in wireless networks. *IEEE/ACM Transactions on Networking*, 23(5):1514–1527, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qin:2016:MWD

[QTWW16] Yi Qin, Xiaohua Tian, Weijie Wu, and Xinbing Wang. Mobility weakens the distinction between multicast and unicast. *IEEE/ACM Transactions on Networking*, 24(3):1350–1363, June

2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qin:2004:MCC

[QY04] Xiangdong Qin and Yuanyuan Yang. Multicast connection capacity of WDM switching networks with limited wavelength conversion. *IEEE/ACM Transactions on Networking*, 12(3):526–538, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qin:2012:SST

[QY12] Yang Qin and Lie-Liang Yang. Steady-state throughput analysis of network coding nodes employing stop-and-wait automatic repeat request. *IEEE/ACM Transactions on Networking*, 20(5):1402–1411, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qiu:2006:SRI

[QYZS06] Lili Qiu, Yang Richard Yang, Yin Zhang, and Scott Shenker. On selfish routing in Internet-like environments. *IEEE/ACM Transactions on Networking*, 14(4):725–738, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Qian:2013:DCA

[QZZ+13] Dajun Qian, Dong Zheng, Junshan Zhang, Ness B. Shroff, and Changhee Joo. Distributed CSMA algorithms for link scheduling in multihop MIMO networks under SINR model. *IEEE/ACM Transactions on Networking*, 21(3):746–759, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rouskas:1995:AOT

[RA95] George N. Rouskas and Mostafa H. Ammar. Analysis and optimization of transmission schedules for single-hop WDM networks. *IEEE/ACM Transactions on Networking*, 3(2):211–221, April 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-2/p211-rouskas/`.

Ranjan:2004:NIT

[RAL04] Priya Ranjan, Eyad H. Abed, and Richard J. La. Nonlinear instabilities in TCP-RED. *IEEE/ACM Transactions on Networking*, 12(6):1079–1092, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramanathan:1996:MTG

[Ram96] S. Ramanathan. Multicast tree generation in networks with asymmetric links. *IEEE/ACM Transactions on Networking*, 4(4):558–568, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p558-ramanathan/`.

Ramasubramanian:2008:SMP

[Ram08] Srinivasan Ramasubramanian. Supporting multiple protection strategies in optical networks. *IEEE/ACM Transactions on Networking*, 16(6):1352–1365, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Reibman:1995:TDV

[RB95] Amy R. Reibman and Arthur W. Berger. Traffic descriptors for VBR video teleconferencing over ATM networks. *IEEE/ACM Transactions on Networking*, 3(3):329–339, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p329-reibman/`.

Rodriguez:2002:DPA

[RB02] Pablo Rodriguez and Ernst W. Biersack. Dynamic parallel access to replicated content in the Internet. *IEEE/ACM Transactions on Networking*, 10(4):455–465, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ross:2009:PCS

[RB09a] Kevin Ross and Nicholas Bambos. Projective cone scheduling (PCS) algorithms for packet switches of maximal throughput. *IEEE/ACM Transactions on Networking*, 17(3):976–989, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rouskas:2009:BTS

[RB09b] George N. Rouskas and Nikhil Baradwaj. On bandwidth tiered service. *IEEE/ACM Transactions on Networking*, 17(6):1780–1793, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Retvari:2007:SPR

[RBC07] Gábor Rétvári, József J. Bíró, and Tibor Cinkler. On shortest path representation. *IEEE/ACM Transactions on Network-*

ing, 15(6):1293–1306, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rastogi:2003:OCO

[RBGK03] Rajeev Rastogi, Yuri Breitbart, Minos Garofalakis, and Amit Kumar. Optimal configuration of OSPF aggregates. *IEEE/ACM Transactions on Networking*, 11(2):181–194, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raman:2002:IIT

[RBS02] Suchitra Raman, Hari Balakrishnan, and Murari Srinivasan. ITP: an Image Transport Protocol for the Internet. *IEEE/ACM Transactions on Networking*, 10(3):297–307, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramasubramanian:2008:DLF

[RC08] Srinivasan Ramasubramanian and Amit Chandak. Dual-link failure resiliency through backup link mutual exclusion. *IEEE/ACM Transactions on Networking*, 16(1):157–169, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rossi:2015:PHM

[RCFC15] Lorenzo Rossi, Jacob Chakareski, Pascal Frossard, and Stefania Colonnese. A Poisson hidden Markov model for multiview video traffic. *IEEE/ACM Transactions on Networking*, 23(2):547–558, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raman:2009:FLA

[RCGS09] Bhaskaran Raman, Kameswari Chebrolu, Dattatraya Gokhale, and Sayandeep Sen. On the feasibility of the link abstraction in wireless mesh networks. *IEEE/ACM Transactions on Networking*, 17(2):528–541, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rosenblum:2006:AFS

[RCGT06] Michael Rosenblum, Constantine Caramanis, Michel X. Goemans, and Vahid Tarokh. Approximating fluid schedules in crossbar packet-switches and Banyan networks. *IEEE/ACM Transactions on Networking*, 14 (6):1374–1387, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rojas-Cessa:2003:CFD

[RCOC03] Roberto Rojas-Cessa, Eiji Oki, and H. Jonathan

Chao. Concurrent fault detection for a multiple-plane packet switch. *IEEE/ACM Transactions on Networking*, 11(4):616–627, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaswamy:2014:WPM

[RCS14] Vinod Ramaswamy, Diganto Choudhury, and Srinivas Shakkottai. Which protocol? Mutual interaction of heterogeneous congestion controllers. *IEEE/ACM Transactions on Networking*, 22(2):457–469, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rabbachin:2015:WNI

[RCW15] Alberto Rabbachin, Andrea Conti, and Moe Z. Win. Wireless network intrinsic secrecy. *IEEE/ACM Transactions on Networking*, 23(1):56–69, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rengarajan:2011:AAE

[RD11a] Balaji Rengarajan and Gustavo De Veciana. Architecture and abstractions for environment and traffic-aware system-level coordination of wireless networks. *IEEE/ACM Transactions on Networking*, 19(3):721–734, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rengarajan:2011:PAU

[RD11b] Balaji Rengarajan and Gustavo De Veciana. Practical adaptive user association policies for wireless systems with dynamic interference. *IEEE/ACM Transactions on Networking*, 19(6):1690–1703, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rai:2007:RMP

[RDO+07] Smita Rai, Omkar Deshpande, Canhui Ou, Charles U. Martel, and Biswanath Mukherjee. Reliable multipath provisioning for high-capacity backbone mesh networks. *IEEE/ACM Transactions on Networking*, 15(4):803–812, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ravindran:1998:CAM

[RG98] K. Ravindran and Ting-Jian Gong. Cost analysis of multicast transport architectures in multiservice networks. *IEEE/ACM Transactions on Networking*, 6(1):94–109, February 1998. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p94-ravindran/.

Rajawat:2011:CLD

[RGG11] Ketan Rajawat, Nikolaos Gatsis, and Georgios B. Giannakis. Cross-layer designs in coded wireless fading networks with multicast. *IEEE/ACM Transactions on Networking*, 19(5): 1276–1289, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Radunovic:2010:TPO

[RGKR10] Božidar Radunović, Christos Gkantsidis, Peter Key, and Pablo Rodriguez. Toward practical opportunistic routing with intra-session network coding for mesh networks. *IEEE/ACM Transactions on Networking*, 18(2):420–433, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ray:2010:AAD

[RGKS10] Saikat Ray, Roch Guérin, Kin-Wah Kwong, and Rute Sofia. Always acyclic distributed path computation. *IEEE/ACM Transactions on Networking*, 18(1):307–319, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raza:2012:MFR

[RHC+12] Saqib Raza, Guanyao Huang, Chen-Nee Chuah, Srini Seetharaman, and Jatinder Pal Singh. MeasuRouting: a framework for routing assisted traffic monitoring. *IEEE/ACM Transactions on Networking*, 20(1):45–56, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rahman:2016:DMF

[RHMF16] Sazzadur Rahman, Ting-Kai Huang, Harsha V. Madhyastha, and Michalis Faloutsos. Detecting malicious Facebook applications. *IEEE/ACM Transactions on Networking*, 24 (2):773–787, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rozner:2013:MDO

[RHQZ13] Eric Rozner, Mi Kyung Han, Lili Qiu, and Yin Zhang. Model-driven optimization of opportunistic routing. *IEEE/ACM Transactions on Networking*, 21(2):594–609, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramamurthy:1998:OAP

[RIM98] Byrav Ramamurthy, Jason Iness, and Biswanath Mukherjee. Optimizing amplifier placements in a multiwavelength optical LAN/MAN: the unequally powered wavelengths case. *IEEE/ACM Transactions on Networking*, 6(6):755–767, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p755-ramamurthy/`.

Ramamoorthy:2006:SDS

[RJCE06] Aditya Ramamoorthy, Kamal Jain, Philip A. Chou, and Michelle Effros. Separating distributed source coding from network coding. *IEEE/ACM Transactions on Networking*, 14 (SI):2785–2795, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rangwala:2011:NCC

[RJJ+11] Sumit Rangwala, Apoorva Jindal, Ki-Young Jang, Konstantinos Psounis, and Ramesh Govindan. Neighborhood-centric congestion control for multihop wireless mesh networks. *IEEE/ACM Transactions on Networking*, 19(6):1797–1810, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ratnakar:2006:MCD

[RK06] Niranjan Ratnakar and Gerhard Kramer. The multicast capacity of deterministic relay networks with no interference. *IEEE/ACM Transactions on Networking*, 14(SI):2425–2432, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rottenstreich:2015:BPW

[RK15] Ori Rottenstreich and Isaac Keslassy. The Bloom paradox: when not to use a Bloom filter. *IEEE/ACM Transactions on Networking*, 23(3):703–716, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaiyan:2008:FPA

[RKA08] Venkatesh Ramaiyan, Anurag Kumar, and Eitan Altman. Fixed point analysis of single cell IEEE 802.11e WLANs: uniqueness and multistability. *IEEE/ACM Transactions on Networking*, 16(5):1080–1093, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rottenstreich:2016:OTE

[RKH+16] Ori Rottenstreich, Isaac Keslassy, Avinatan Hassidim, Haim Kaplan, and Ely Porat. Optimal in/out TCAM encodings of ranges. *IEEE/ACM Transactions on Networking*, 24(1):555–568, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rottenstreich:2014:VIC

[RKK14] Ori Rottenstreich, Yossi Kanizo, and Isaac Keslassy. The variable-increment counting Bloom filter. *IEEE/ACM Transactions on Networking*, 22(4):1092–1105, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ruhrup:2010:MEB

[RKNS10] Stefan Rührup, Hanna Kalosha, Amiya Nayak, and Ivan Stojmenović. Message-efficient beaconless georouting with guaranteed delivery in wireless sensor, ad hoc, and actuator networks. *IEEE/ACM Transactions on Networking*, 18(1):95–108, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ruiz:2016:TNC

[RKPP16] Hamlet Medina Ruiz, Michel Kieffer, and Beatrice Pesquet-Popescu. TCP and network coding: Equilibrium and dynamic properties. *IEEE/ACM Transactions on Networking*, 24(4):1935–1947, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rubenstein:2002:DSC

[RKT02a] Dan Rubenstein, Jim Kurose, and Don Towsley. Detecting shared congestion of flows via end-to-end measurement. *IEEE/ACM Transactions on Networking*, 10(3):381–395, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rubenstein:2002:IML

[RKT02b] Dan Rubenstein, Jim Kurose, and Don Towsley. The impact of multicast layering on network fairness. *IEEE/ACM Transactions on Networking*, 10 (2):169–182, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramachandran:2010:SST

[RKZG10] Kishore Ramachandran, Ravi Kokku, Honghai Zhang, and Marco Gruteser. Symphony: synchronous two-phase rate and power control in 802.11 WLANs. *IEEE/ACM Transactions on Networking*, 18(4):1289–

1302, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramanathan:1993:SAM

[RL93] Subramanian Ramanathan and Errol L. Lloyd. Scheduling algorithms for multihop radio networks. *IEEE/ACM Transactions on Networking*, 1(2):166–177, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p166-ramanathan/`.

Rosenberg:1994:HFS

[RL94] Catherine Rosenberg and Bruno Laguë. A heuristic framework for source policing in ATM networks. *IEEE/ACM Transactions on Networking*, 2(4):387–397, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p387-rosenberg/`.

Radunovic:2007:UFM

[RL07] Bozidar Radunović and Jean-Yves Le Boudec. A unified framework for max-min and min-max fairness with applications. *IEEE/ACM Transactions on Networking*, 15(5):1073–1083, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ranjan:2006:GSC

[RLA06] Priya Ranjan, Richard J. La, and Eyad H. Abed. Global stability conditions for rate control with arbitrary communication delays. *IEEE/ACM Transactions on Networking*, 14 (1):94–107, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramjee:1998:PEC

[RLKT98] Ramachandran Ramjee, Thomas F. La Porta, Jim Kurose, and Don Towsley. Performance evaluation of connection rerouting schemes for ATM-based wireless networks. *IEEE/ACM Transactions on Networking*, 6(3):249–261, June 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p249-ramjee/`.

Ray:2006:SLD

[RLP06] Saikat Ray, Wei Lai, and Ioannis Ch. Paschalidis. Statistical location detection with sensor networks. *IEEE/ACM Transactions on Networking*, 14(SI):

2670–2683, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Roseti:2010:APE

[RLZ10] Cesare Roseti, Michele Luglio, and Francesco Zampognaro. Analysis and performance evaluation of a burst-based TCP for satellite DVB RCS links. *IEEE/ACM Transactions on Networking*, 18(3):911–921, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramamurthy:2002:FAR

[RM02] Ramu Ramamurthy and Biswanath Mukherjee. Fixed-alternate routing and wavelength conversion in wavelength-routed optical networks. *IEEE/ACM Transactions on Networking*, 10(3):351–367, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramasubramanian:2008:BBR

[RM08] Venugopalan Ramasubramanian and Daniel Mossé. BRA: a bidirectional routing abstraction for asymmetric mobile ad hoc networks. *IEEE/ACM Transactions on Networking*, 16(1):116–129, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raghavan:1999:RAC

[RMM99] Sriram Raghavan, G. Manimaran, and C. Siva Ram Murthy. A rearrangeable algorithm for the construction delay-constrained dynamic multicast trees. *IEEE/ACM Transactions on Networking*, 7(4):514–529, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p514-raghavan/`.

Raina:2016:SPA

[RMPG16] Gaurav Raina, Sreelakshmi Manjunath, Sai Prasad, and Krishnamurthy Giridhar. Stability and performance analysis of compound TCP with REM and drop-tail queue management. *IEEE/ACM Transactions on Networking*, 24(4):1961–1974, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rosberg:1996:CMA

[Ros96] Zvi Rosberg. Cell multiplexing in ATM networks. *IEEE/ACM Transactions on Networking*, 4(1):112–122, February 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566

(electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-1/p112-rosberg/`.

Rosenberg:2005:HTN

[Ros05] Eric Rosenberg. Hierarchical topological network design. *IEEE/ACM Transactions on Networking*, 13(6): 1402–1409, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramabhadran:2006:SRR

[RP06] Sriram Ramabhadran and Joseph Pasquale. The Stratified Round Robin scheduler: design, analysis and implementation. *IEEE/ACM Transactions on Networking*, 14(6):1362–1373, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Radunovic:2013:DCC

[RP13] Bozidar Radunovic and Alexandre Proutiere. On downlink capacity of cellular data networks with WLAN/WPAN relays. *IEEE/ACM Transactions on Networking*, 21(1):286–296, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rosberg:2014:IJA

[RPF+14] Zvi Rosberg, Yu Peng, Jing Fu, Jun Guo, Eric W. M. Wong, and Moshe Zukerman. Insensitive job assignment with throughput and energy criteria for processor-sharing server farms. *IEEE/ACM Transactions on Networking*, 22(4):1257–1270, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Radoslavov:2004:CAL

[RPGE04] Pavlin Radoslavov, Christos Papadopoulos, Ramesh Govindan, and Deborah Estrin. A comparison of application-level and router-assisted hierarchical schemes for reliable multicast. *IEEE/ACM Transactions on Networking*, 12 (3):469–482, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ren:2013:ESS

[RPV13] Shaolei Ren, Jaeok Park, and Mihaela Van Der Schaar. Entry and spectrum sharing scheme selection in femtocell communications markets. *IEEE/ACM Transactions on Networking*, 21(1):218–232, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Roy:2009:PIO

[RPZ+09] Sabyasachi Roy, Himabindu Pucha, Zheng Zhang, Y. Charlie Hu, and Lili Qiu. On the placement of infrastructure overlay nodes. *IEEE/ACM Transactions on Networking*, 17(4):1298–1311, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramanathan:1993:AFT

[RR93] Srinivas Ramanathan and P. Venkat Rangan. Adaptive feedback techniques for synchronized multimedia retrieval over integrated networks. *IEEE/ACM Transactions on Networking*, 1(2):246–260, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p246-ramanathan/`.

Ribeiro:2006:MQA

[RRB06] Vinay J. Ribeiro, Rudolf H. Riedi, and Richard G. Baraniuk. Multiscale queueing analysis. *IEEE/ACM Transactions on Networking*, 14(5):1005–1018, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

R:1994:CSF

[RrBG94] Allen R., J. r. Bonde, and Sumit Ghosh. A comparative study of fuzzy versus "fixed" thresholds for robust queue management in cell-switching networks. *IEEE/ACM Transactions on Networking*, 2(4):337–344, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p337-bonde/`.

Ramachandran:2010:PCA

[RRG10] Madanagopal Ramachandran, N. Usha Rani, and Timothy A. Gonsalves. Path computation algorithms for dynamic service provisioning with protection and inverse multiplexing in SDH/SONET networks. *IEEE/ACM Transactions on Networking*, 18(5):1492–1504, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramesh:1996:RMA

[RRK96] Sridhar Ramesh, Catherine Rosenberg, and Anurag Kumar. Revenue maximization in ATM networks using the CLP capability and buffer priority management. *IEEE/ACM Transactions on Networking*, 4(6):941–950, De-

cember 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p941-ramesh/.

Raghunath:2007:MBC

[RRK07] Satish Raghunath, K. K. Ramakrishnan, and Shivkumar Kalyanaraman. Measurement-based characterization of IP VPNs. *IEEE/ACM Transactions on Networking*, 15(6):1428–1441, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Reisslein:2002:FGS

[RRR02] Martin Reisslein, Keith W. Ross, and Srinivas Rajagopal. A framework for guaranteeing statistical QoS. *IEEE/ACM Transactions on Networking*, 10 (1):27–42, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaswamy:2014:MWN

[RRS+14] Vinod Ramaswamy, Vinith Reddy, Srinivas Shakkottai, Alex Sprintson, and Natarajan Gautam. Multipath wireless network coding: an augmented potential game perspective. *IEEE/ACM Transactions on Networking*, 22(1):217–229, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaswami:1995:RWA

[RS95a] Rajiv Ramaswami and Kumar N. Sivarajan. Routing and wavelength assignment in all-optical networks. *IEEE/ACM Transactions on Networking*, 3(5):489–500, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p489-ramaswami/.

Rumsewicz:1995:CSC

[RS95b] Michael P. Rumsewicz and Donald E. Smith. A comparison of SS7 congestion control options during mass call-in situations. *IEEE/ACM Transactions on Networking*, 3(1):1–9, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p1-rumsewicz/.

Ramaswami:1997:DNC

[RS97a] Rajiv Ramaswami and Adrian Segall. Distributed network control for optical networks. *IEEE/ACM Transactions on Net-*

working, 5(6):936–943, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p936-ramaswami/`.

Rouskas:1997:PSB

[RS97b] George N. Rouskas and Vijay Sivaraman. Packet scheduling in broadcast WDM networks with arbitrary transceiver tuning latencies. *IEEE/ACM Transactions on Networking*, 5(3):359–370, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p359-rouskas/`.

Ramaswami:1998:MON

[RS98] Rajiv Ramaswami and Galen Sasaki. Multiwavelength optical networks with limited wavelength conversion. *IEEE/ACM Transactions on Networking*, 6(6):744–754, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p744-ramaswami/`.

Reeves:2000:DAD

[RS00] Douglas S. Reeves and Hussein F. Salama. A distributed algorithm for delay-constrained unicast routing. *IEEE/ACM Transactions on Networking*, 8(2):239–250, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p239-reeves/`.

Ramasubramanian:2004:AON

[RS04] Srinivasan Ramasubramanian and Arun K. Somani. Analysis of optical networks with heterogeneous grooming architectures. *IEEE/ACM Transactions on Networking*, 12 (5):931–943, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rubenstein:2005:CUP

[RS05] Dan Rubenstein and Sambit Sahu. Can unstructured P2P protocols survive flash crowds? *IEEE/ACM Transactions on Networking*, 13(3):501–512, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Riedl:2007:ROI

[RS07] Anton Riedl and Dominic A. Schupke. Rout-

ing optimization in IP networks utilizing additive and concave link metrics. *IEEE/ACM Transactions on Networking*, 15(5):1136–1148, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramasubramanian:2008:MFC

[RS08] Srinivasan Ramasubramanian and Arun K. Somani. MICRON: a framework for connection establishment in optical networks. *IEEE/ACM Transactions on Networking*, 16 (2):473–485, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Reiter:2012:CDP

[RS12] Miklós Reiter and Richard Steinberg. Congestion-dependent pricing and forward contracts for complementary segments of a communication network. *IEEE/ACM Transactions on Networking*, 20(2):436–449, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rodriguez:2001:AWC

[RSB01] Pablo Rodriguez, Christian Spanner, and Ernst W. Biersack. Analysis of Web caching architectures: hierarchical and distributed caching. *IEEE/ACM Transactions on Networking*, 9(4):404–418, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rhee:2011:LWN

[RSH+11] Injong Rhee, Minsu Shin, Seongik Hong, Kyunghan Lee, Seong Joon Kim, and Song Chong. On the Levy-walk nature of human mobility. *IEEE/ACM Transactions on Networking*, 19 (3):630–643, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rai:2009:PAO

[RSM09] Smita Rai, Ching-Fong Su, and Biswanath Mukherjee. On provisioning in all-optical networks: an impairment-aware approach. *IEEE/ACM Transactions on Networking*, 17 (6):1989–2001, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rezaei:2010:DRS

[RSR10] Behnam A. Rezaei, Nima Sarshar, and Vwani P. Roychowdhury. Distributed resource sharing in low-latency wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 18(1):190–201, February 2010. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Rolando:2011:SSF

[RSR11] Pierluigi Rolando, Riccardo Sisto, and Fulvio Risso. SPAF: stateless FSA-based packet filters. *IEEE/ACM Transactions on Networking*, 19(1):14–27, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rasti:2009:PEG

[RSS09] Mehdi Rasti, Ahmad R. Sharafat, and Babak Seyfe. Pareto-efficient and goal-driven power control in wireless networks: a game-theoretic approach with a novel pricing scheme. *IEEE/ACM Transactions on Networking*, 17(2):556–569, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Richa:2013:EFM

[RSSZ13] Andréa Richa, Christian Scheideler, Stefan Schmid, and Jin Zhang. An efficient and fair MAC protocol robust to reactive interference. *IEEE/ACM Transactions on Networking*, 21(3): 760–771, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ranjan:2009:DSD

[RSU+09] Supranamaya Ranjan, Ram Swaminathan, Mustafa Uysal, Antonio Nucci, and Edward Knightly. DDoS-shield: DDoS-resilient scheduling to counter application layer attacks. *IEEE/ACM Transactions on Networking*, 17(1):26–39, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raz:2004:DCE

[RSZ04] Danny Raz, Yuval Shavitt, and Lixia Zhang. Distributed council election. *IEEE/ACM Transactions on Networking*, 12(3):483–492, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rexford:1999:SVB

[RT99] Jennifer Rexford and Don Towsley. Smoothing variable-bit-rate video in an Internetwork. *IEEE/ACM Transactions on Networking*, 7(2):202–215, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p202-rexford/`.

Retvari:2016:CIF

[RTK+16] Gábor Rétvári, János Tapolcai, Attila Kőrösi, András Majdán, and Zalán Heszberger. Compressing IP forwarding tables: towards entropy bounds and beyond. *IEEE/ACM Transactions on Networking*, 24(1):149–162, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rumsewicz:1993:AES

[Rum93] Michael P. Rumsewicz. Analysis of the effects of SS7 message discard schemes on call completion rates during overload. *IEEE/ACM Transactions on Networking*, 1(4):491–502, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p491-rumsewicz/`.

Rizzo:2000:RPP

[RV00] Luigi Rizzo and Lorenzo Vicisano. Replacement policies for a proxy cache. *IEEE/ACM Transactions on Networking*, 8(2):158–170, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p158-rizzo/`.

Rummukainen:2001:PCA

[RV01] Hannu Rummukainen and Jorma Virtamo. Polynomial cost approximations in Markov decision theory based call admission control. *IEEE/ACM Transactions on Networking*, 9(6):769–779, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Roughan:2000:RTE

[RVA00] Matthew Roughan, Darryl Veitch, and Patrice Abry. Real-time estimation of the parameters of long-range dependence. *IEEE/ACM Transactions on Networking*, 8(4):467–478, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p467-roughan/`.

Ridoux:2012:CFF

[RVB12] Julien Ridoux, Darryl Veitch, and Timothy Broomhead. The case for feed-forward clock synchronization. *IEEE/ACM Transactions on Networking*, 20(1):231–242, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rangan:1993:CAA

[RVR93] P. Venkat Rangan, Harrick M. Vin, and Srinivas Ramanathan. Communication architectures and algorithms for media mixing in multimedia conferences. *IEEE/ACM Transactions on Networking*, 1(1):20–30, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p20-rangan/`.

Ramjee:2002:HDB

[RVS+02] Ramachandran Ramjee, Kannan Varadhan, Luca Salgarelli, Sandra R. Thuel, Shie-Yuan Wang, and Thomas La Porta. HAWAII: a domain-based approach for supporting mobility in wide-area wireless networks. *IEEE/ACM Transactions on Networking*, 10 (3):396–410, June 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raghavan:2009:SPC

[RVS09] Barath Raghavan, Patric Verkaik, and Alex C. Snoeren. Secure and policy-compliant source routing. *IEEE/ACM Transactions on Networking*, 17(3):764–777, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Riboni:2015:OSD

[RVV+15] Daniele Riboni, Antonio Villani, Domenico Vitali, Claudio Bettini, and Luigi V. Mancini. Obfuscation of sensitive data for incremental release of network flows. *IEEE/ACM Transactions on Networking*, 23(2):672–686, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaswami:1993:ALE

[RW93] V. Ramaswami and Jonathan L. Wang. Analysis of the link error monitoring protocols in the common channel signaling network. *IEEE/ACM Transactions on Networking*, 1(1):31–47, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p31-ramaswami/`.

Rubin:1995:AMQ

[RW95] Izhak Rubin and James Chien-Hsing Wu. Analysis of an M/G/1/N queue with vacations and its iterative application to FDDI timed-token rings. *IEEE/ACM Transactions on Networking*, 3(6):842–856, December 1995. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p842-rubin/.

Rubin:1996:PAD

[RW96] Izhak Rubin and Ho-Ting Wu. Performance analysis and design of CQBT algorithm for a ring network with spatial reuse. *IEEE/ACM Transactions on Networking*, 4(4):649–659, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p649-rubin/.

Rabinovich:2004:DEC

[RW04] Michael Rabinovich and Hua Wang. DHTTP: an efficient and cache-friendly transfer protocol for the Web. *IEEE/ACM Transactions on Networking*, 12(6):1007–1020, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ramaswamy:2007:HSP

[RW07] Ramaswamy Ramaswamy and Tilman Wolf. High-speed prefix-preserving IP address anonymization for passive measurement systems. *IEEE/ACM Transactions on Networking*, 15(1):26–39, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rhee:2008:ZMH

[RWA+08] Injong Rhee, Ajit Warrier, Mahesh Aia, Jeongki Min, and Mihail L. Sichitiu. Z-MAC: a hybrid MAC for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 16(3):511–524, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rhee:2007:LEB

[RX07] Injong Rhee and Lisong Xu. Limitations of equation-based congestion control. *IEEE/ACM Transactions on Networking*, 15(4):852–865, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ryu:2012:TDR

[RYS12] Jung Ryu, Lei Ying, and Sanjay Shakkottai. Timescale decoupled routing and rate control in intermittently connected networks. *IEEE/ACM Transactions on Networking*, 20(4):1138–1151, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Raza:2011:GNS

[RZC11] Saqib Raza, Yuanbo Zhu, and Chen-Nee Chuah. Graceful network state migrations. *IEEE/ACM Transactions on Networking*, 19(4):1097–1110, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ren:2014:TTD

[RZS14] Wei Ren, Qing Zhao, and Ananthram Swami. Temporal traffic dynamics improve the connectivity of ad hoc cognitive radio networks. *IEEE/ACM Transactions on Networking*, 22(1):124–136, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rosberg:2006:AON

[RZVZ06] Zvi Rosberg, Andrew Zalesky, Hai L. Vu, and Moshe Zukerman. Analysis of OBS networks with limited wavelength conversion. *IEEE/ACM Transactions on Networking*, 14(5): 1118–1127, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Roughan:2012:STC

[RZWQ12] Matthew Roughan, Yin Zhang, Walter Willinger, and Lili Qiu. Spatio-temporal compressive sensing and Internet traffic matrices. *IEEE/ACM Transactions on Networking*, 20 (3):662–676, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Rosberg:2006:PDO

[RZZ06] Zvi Rosberg, Andrew Zalesky, and Moshe Zukerman. Packet delay in optical circuit-switched networks. *IEEE/ACM Transactions on Networking*, 14 (2):341–354, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharon:2001:EPM

[SA01a] Oran Sharon and Eitan Altman. An efficient polling MAC for wireless LANs. *IEEE/ACM Transactions on Networking*, 9 (4):439–451, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2001:JTS

[SA01b] Weilian Su and Ian F. Akyildiz. The jitter timestamp approach for clock recovery of real-time variable bit-rate traffic. *IEEE/ACM Transactions on Networking*, 9(6):746–754, December 2001. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Sarac:2004:TSM

[SA04] Kamil Sarac and Kevin C. Almeroth. Tracetree: a scalable mechanism to discover multicast tree topologies in the Internet. *IEEE/ACM Transactions on Networking*, 12(5):795–808, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2005:TDS

[SA05] Weilian Su and Ian F. Akyildiz. Time-diffusion synchronization protocol for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 13(2):384–397, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singh:2013:OFD

[SAKS13] Chandramani Singh, Eitan Altman, Anurag Kumar, and Rajesh Sundaresan. Optimal forwarding in delay-tolerant networks with multiple destinations. *IEEE/ACM Transactions on Networking*, 21(6):1812–1826, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shrimali:2010:CIT

[SAM10] Gireesh Shrimali, Aditya Akella, and Almir Mutapcic. Cooperative interdomain traffic engineering using Nash bargaining and decomposition. *IEEE/ACM Transactions on Networking*, 18(2):341–352, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Soldo:2012:OSB

[SAM12] Fabio Soldo, Katerina Argyraki, and Athina Markopoulou. Optimal source-based filtering of malicious traffic. *IEEE/ACM Transactions on Networking*, 20(2):381–395, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Subramaniam:1996:ANS

[SAS96] Suresh Subramaniam, Murat Azizoğlu, and Arun K. Somani. All-optical networks with sparse wavelength conversion. *IEEE/ACM Transactions on Networking*, 4(4):544–557, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p544-subramaniam/`.

Subramaniam:1999:OCP

[SAS99] Suresh Subramaniam, Murat Azizoğlu, and Arun K. Somani. On optimal converter placement in wavelength-routed networks. *IEEE/ACM Transactions on Networking*, 7 (5):754–766, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p754-subramaniam/`.

Santacruz:2016:LPL

[SAS16a] Pedro E. Santacruz, Vaneet Aggarwal, and Ashutosh Sabharwal. Leveraging physical-layer capabilities: distributed scheduling in interference networks with local views. *IEEE/ACM Transactions on Networking*, 24(1):368–382, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Schmid:2016:STL

[SAS+16b] Stefan Schmid, Chen Avin, Christian Scheideler, Michael Borokhovich, Bernhard Haeupler, and Zvi Lotker. SplayNet: towards locally self-adjusting networks. *IEEE/ACM Transactions on Networking*, 24 (3):1421–1433, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sundaresan:2016:FFC

[SAS+16c] Karthikeyan Sundaresan, Mustafa Y. Arslan, Shailendra Singh, Sampath Rangarajan, and Srikanth V. Krishnamurthy. FluidNet: a flexible cloud-based radio access network for small cells. *IEEE/ACM Transactions on Networking*, 24 (2):915–928, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stoica:2004:III

[SAZ+04] Ion Stoica, Daniel Adkins, Shelley Zhuang, Scott Shenker, and Sonesh Surana. Internet indirection infrastructure. *IEEE/ACM Transactions on Networking*, 12(2):205–218, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stauffer:2007:PHD

[SB07] Alexandre O. Stauffer and Valmir C. Barbosa. Probabilistic heuristics for disseminating information in networks. *IEEE/ACM Transactions on Networking*, 15(2):425–435, April 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sadiq:2011:DOO

[SBD11] Bilal Sadiq, Seung Jun Baek, and Gustavo De Veciana. Delay-optimal opportunistic scheduling and approximations: the log rule. *IEEE/ACM Transactions on Networking*, 19 (2):405–418, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sommers:2008:GAI

[SBDR08] Joel Sommers, Paul Barford, Nick Duffield, and Amos Ron. A geometric approach to improving active packet loss measurement. *IEEE/ACM Transactions on Networking*, 16 (2):307–320, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sommers:2010:MMS

[SBDR10] Joel Sommers, Paul Barford, Nick Duffield, and Amos Ron. Multiobjective monitoring for SLA compliance. *IEEE/ACM Transactions on Networking*, 18 (2):652–665, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Seibert:2014:NSV

[SBNRS14] Jeff Seibert, Sheila Becker, Cristina Nita-Rotaru, and Radu State. Newton: securing virtual coordinates by enforcing physical laws. *IEEE/ACM Transactions on Networking*, 22(3):798–811, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sichitiu:2003:EUT

[SBP03] Mihail L. Sichitiu, Peter H. Bauer, and Kamal Premaratne. The effect of uncertain time-variant delays in ATM networks with explicit rate feedback: a control theoretic approach. *IEEE/ACM Transactions on Networking*, 11(4):628–637, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Smith:1995:SPR

[SC95] Donald E. Smith and H. Jonathan Chao. Sizing a packet reassembly buffer at a host computer in an ATM network. *IEEE/ACM Transactions on Networking*, 3(6):798–808, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p798-smith/`.

Sengupta:2009:EFD

[SC09] Shamik Sengupta and Mainak Chatterjee. An economic framework for dy-

namic spectrum access and service pricing. *IEEE/ACM Transactions on Networking*, 17(4):1200–1213, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sue:2010:FRP

[SC10] Chuan-Ching Sue and Hsaing-Wen Cheng. A fitting report position scheme for the gated IPACT dynamic bandwidth algorithm in EPONs. *IEEE/ACM Transactions on Networking*, 18(2):624–637, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2009:DBA

[SCKB09] Ao-Jan Su, David R. Choffnes, Aleksandar Kuzmanovic, and Fabián E. Bustamante. Drafting behind Akamai: inferring network conditions based on CDN redirections. *IEEE/ACM Transactions on Networking*, 17(6):1752–1765, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sen:2012:CCC

[SCN12] Souvik Sen, Romit Roy Choudhury, and Srihari Nelakuditi. CSMA/CN: carrier sense multiple access with collision notification. *IEEE/ACM Transactions on Networking*, 20 (2):544–556, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sariowan:1999:SGS

[SCP99] Hanrijanto Sariowan, Rene L. Cruz, and George C. Polyzos. SCED: a generalized scheduling policy for guaranteeing quality-of-service. *IEEE/ACM Transactions on Networking*, 7(5):669–684, October 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-5/p669-sariowan/`.

Shin:2008:DRT

[SCR08] Minsu Shin, Song Chong, and Injong Rhee. Dual-resource TCP/AQM for processing-constrained networks. *IEEE/ACM Transactions on Networking*, 16 (2):435–449, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shiomoto:1998:SBM

[SCY98] Kohei Shiomoto, Shinichiro Chaki, and Naoaki Yamanaka. A simple bandwidth management strategy based on measure-

ments of instantaneous virtual path utilization in ATM networks. *IEEE/ACM Transactions on Networking*, 6(5):625–634, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p625-shiomoto/`.

Syrotiuk:2008:RFE

[SCY08] Violet R. Syrotiuk, Charles J. Colbourn, and Sruthi Yellamraju. Rateless forward error correction for topology-transparent scheduling. *IEEE/ACM Transactions on Networking*, 16(2):464–472, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shu:2015:PML

[SCY15] Tao Shu, Yingying Chen, and Jie Yang. Protecting multi-lateral localization privacy in pervasive environments. *IEEE/ACM Transactions on Networking*, 23(5):1688–1701, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2000:SMM

[SD00] Ching-Fong Su and Gustavo De Veciana. Statistical multiplexing and mix-dependent alternative routing in multiservice VP networks. *IEEE/ACM Transactions on Networking*, 8(1):99–108, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p99-su/`.

Shah:2015:HPC

[SD15a] Virag Shah and Gustavo De Veciana. High-performance centralized content delivery infrastructure: models and asymptotics. *IEEE/ACM Transactions on Networking*, 23(5):1674–1687, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sun:2015:BDI

[SD15b] Xinghua Sun and Lin Dai. Backoff design for IEEE 802.11 DCF networks: fundamental tradeoff and design criterion. *IEEE/ACM Transactions on Networking*, 23(1):300–316, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shaikh:2006:AID

[SDV06] Aman Shaikh, Rohit Dube, and Anujan Varma. Avoiding instability during grace-

ful shutdown of multiple OSPF routers. *IEEE/ACM Transactions on Networking*, 14(3):532–542, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2000:ERF

[SDW00] Ching-Fong Su, Gustavo De Veciana, and Jean Walrand. Explicit rate flow control for ABR services in ATM networks. *IEEE/ACM Transactions on Networking*, 8(3):350–361, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p350-su/`.

Shen:2014:PON

[SDW14] Yuan Shen, Wenhan Dai, and Moe Z. Win. Power optimization for network localization. *IEEE/ACM Transactions on Networking*, 22(4):1337–1350, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarikaya:2015:CPC

[SEK15] Yunus Sarikaya, Ozgur Ercetin, and Can Emre Koksal. Confidentiality-preserving control of uplink cellular wireless networks using hybrid ARQ. *IEEE/ACM Transactions on Networking*, 23(5):1457–1470, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sivaraman:2009:PPS

[SEMO09] Vijay Sivaraman, Hossam Elgindy, David Moreland, and Diethelm Ostry. Packet pacing in small buffer optical packet switched networks. *IEEE/ACM Transactions on Networking*, 17(4):1066–1079, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Steiner:2009:LTS

[SENB09] Moritz Steiner, Taoufik En-Najjary, and Ernst W. Biersack. Long term study of peer behavior in the KAD DHT. *IEEE/ACM Transactions on Networking*, 17(5):1371–1384, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sestini:1997:RCG

[Ses97] Fabrizio Sestini. Recursive copy generation for multicast ATM switching. *IEEE/ACM Transactions on Networking*, 5(3):329–335, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.`

acm.org/pubs/citations/journals/ton/1997-5-3/p329-sestini/.

Shi:1995:HSR

[SF95] Jianxu Shi and John P. Fonseka. Hierarchical self-healing rings. *IEEE/ACM Transactions on Networking*, 3(6):690–697, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p690-shi/.

Sangireddy:2005:SME

[SFAS05] Rama Sangireddy, Natsuhiko Futamura, Srinivas Aluru, and Arun K. Somani. Scalable, memory efficient, high-speed IP lookup algorithms. *IEEE/ACM Transactions on Networking*, 13(4):802–812, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Siganos:2003:PLL

[SFFF03] Georgos Siganos, Michalis Faloutsos, Petros Faloutsos, and Christos Faloutsos. Power laws and the AS-level Internet topology. *IEEE/ACM Transactions on Networking*, 11 (4):514–524, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Simmons:1994:DED

[SG94] Jane M. Simmons and Robert G. Gallager. Design of error detection scheme for class C service in ATM. *IEEE/ACM Transactions on Networking*, 2(1):80–88, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p80-simmons/.

Schultz:1996:MCR

[SG96] Kenneth J. Schultz and P. Glenn Gulak. Multicast contention resolution with single-cycle windowing using content addressable FIFO's. *IEEE/ACM Transactions on Networking*, 4(5):731–742, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p731-schultz/.

Siachalou:2005:APC

[SG05] Stavroula Siachalou and Leonidas Georgiadis. Algorithms for precomputing constrained widest paths and multicast trees. *IEEE/ACM Transactions on Networking*, 13(5):1174–1187,

October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarkar:2013:DFT

[SG13] Rik Sarkar and Jie Gao. Differential forms for target tracking and aggregate queries in distributed networks. *IEEE/ACM Transactions on Networking*, 21(4):1159–1172, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sridharan:2005:ANO

[SGD05] Ashwin Sridharan, Roch Guérin, and Christophe Diot. Achieving near-optimal traffic engineering solutions for current OSPF/IS-IS networks. *IEEE/ACM Transactions on Networking*, 13(2):234–247, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stone:1998:PCC

[SGPH98] Jonathan Stone, Michael Greenwald, Craig Partridge, and James Hughes. Performance of checksums and CRC's over real data. *IEEE/ACM Transactions on Networking*, 6(5):529–543, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p529-stone/`.

Sappidi:2013:MAT

[SGR13] Rajasekhar Sappidi, André Girard, and Catherine Rosenberg. Maximum achievable throughput in a wireless sensor network using in-network computation for statistical functions. *IEEE/ACM Transactions on Networking*, 21(5):1581–1594, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Serrano:2015:PFE

[SGSB+15] Pablo Serrano, Andres Garcia-Saavedra, Giuseppe Bianchi, Albert Banchs, and Arturo Azcorra. Per-frame energy consumption in 802.11 devices and its implication on modeling and design. *IEEE/ACM Transactions on Networking*, 23(4):1243–1256, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Song:2007:CLA

[SH07] Liang Song and Dimitrios Hatzinakos. A cross-layer architecture of wireless sensor networks for target tracking. *IEEE/ACM Transactions on Net-*

working, 15(1):145–158, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shi:2012:SFR

[SH12] Yi Shi and Y. Thomas Hou. Some fundamental results on base station movement problem for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 20(4):1054–1067, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stamatiou:2014:DCM

[SH14] Kostas Stamatiou and Martin Haenggi. Delay characterization of multihop transmission in a Poisson field of interference. *IEEE/ACM Transactions on Networking*, 22(6):1794–1807, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharony:1994:UMS

[Sha94] Jacob Sharony. The universality of multidimensional switching networks. *IEEE/ACM Transactions on Networking*, 2(6):602–612, December 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-6/p602-sharony/`.

Sharon:1997:PLS

[Sha97] Oran Sharon. A proof for lack of starvation in DQDB with and without slot reuse. *IEEE/ACM Transactions on Networking*, 5(3):410–420, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p410-sharon/`.

Shenker:1995:MGW

[She95] Scott J. Shenker. Making greed work in networks: a game-theoretic analysis of switch service disciplines. *IEEE/ACM Transactions on Networking*, 3(6):819–831, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p819-shenker/`.

Seetharaman:2009:RCL

[SHHA09] Srini Seetharaman, Volker Hilt, Markus Hofmann, and Mostafa Ammar. Resolving cross-layer conflict between overlay routing and traffic engineering. *IEEE/ACM Transactions on Networking*, 17(6):1964–1977,

December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Spatscheck:2000:OTF

[SHHP00] Oliver Spatscheck, Jørgen S. Hansen, John H. Hartman, and Larry L. Peterson. Optimizing TCP forwarder performance. *IEEE/ACM Transactions on Networking*, 8(2):146–157, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p146-spatscheck/`.

She:2010:HRC

[SHJ10] Qingya She, Xiaodong Huang, and Jason P. Jue. How reliable can two-path protection be? *IEEE/ACM Transactions on Networking*, 18(3):922–933, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Siekkinen:2016:UVS

[SHN16] Matti Siekkinen, Mohammad Ashraful Hoque, and Jukka K. Nurminen. Using viewing statistics to control energy and traffic overhead in mobile video streaming. *IEEE/ACM Transactions on Networking*, 24 (3):1489–1503, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shokrollahi:2006:RC

[Sho06] Amin Shokrollahi. Raptor codes. *IEEE/ACM Transactions on Networking*, 14 (SI):2551–2567, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shin:2016:RCE

[SHZ16] Dong-Hoon Shin, Shibo He, and Junshan Zhang. Robust and cost-effective design of cyber-physical systems: an optimal middleware deployment approach. *IEEE/ACM Transactions on Networking*, 24(2):1081–1094, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Srivatsa:2009:SKM

[SIYL09] Mudhakar Srivatsa, Arun Iyengar, Jian Yin, and Ling Liu. Scalable key management algorithms for location-based services. *IEEE/ACM Transactions on Networking*, 17(5):1399–1412, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sidhu:1995:MGB

[SJ95] Ikhlaq Sidhu and Scott Jordan. Multiplexing

gains in bit stream multiplexors. *IEEE/ACM Transactions on Networking*, 3(6):785–797, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p785-sidhu/`.

Shakkottai:2010:DAC

[SJ10] Srinivas Shakkottai and Ramesh Johari. Demand-aware content distribution on the Internet. *IEEE/ACM Transactions on Networking*, 18(2):476–489, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sebbah:2012:DQR

[SJ12] Samir Sebbah and Brigitte Jaumard. Differentiated quality-of-recovery in survivable optical mesh networks using p-structures. *IEEE/ACM Transactions on Networking*, 20(3):798–810, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sen:2010:MDN

[SJGH10] Soumya Sen, Youngmi Jin, Roch Guérin, and Kartik Hosanagar. Modeling the dynamics of network technology adoption and the role of converters. *IEEE/ACM Transactions on Networking*, 18(6):1793–1805, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shafiq:2013:LSM

[SJL+13] M. Zubair Shafiq, Lusheng Ji, Alex X. Liu, Jeffrey Pang, and Jia Wang. Large-scale measurement and characterization of cellular machine-to-machine traffic. *IEEE/ACM Transactions on Networking*, 21 (6):1960–1973, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shafiq:2016:COC

[SJL+16] M. Zubair Shafiq, Lusheng Ji, Alex X. Liu, Jeffrey Pang, Shobha Venkataraman, and Jia Wang. Characterizing and optimizing cellular network performance during crowded events. *IEEE/ACM Transactions on Networking*, 24 (3):1308–1321, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stamatelos:1997:RBA

[SK97] George M. Stamatelos and Vassilios N. Koukoulidis. Reservation-based bandwidth allocation in a radio ATM network.

IEEE/ACM Transactions on Networking, 5(3):420–428, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p420-stamatelos/`.

Sahni:2003:ECM

[SK03] Sartaj Sahni and Kun Suk Kim. Efficient construction of multibit tries for IP lookup. *IEEE/ACM Transactions on Networking*, 11 (4):650–662, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Soh:2006:PBR

[SK06] Wee-Seng Soh and Hyong S. Kim. A predictive bandwidth reservation scheme using mobile positioning and road topology information. *IEEE/ACM Transactions on Networking*, 14(5):1078–1091, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saleh:2010:DPW

[SK10a] Mohammad A. Saleh and Ahmed E. Kamal. Design and provisioning of WDM networks with many-to-many traffic grooming. *IEEE/ACM Transactions on Networking*, 18(6):1869–1882, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See erratum [SK11].

Shu:2010:CTO

[SK10b] Tao Shu and Marwan Krunz. Coverage-time optimization for clustered wireless sensor networks: a power-balancing approach. *IEEE/ACM Transactions on Networking*, 18(1):202–215, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saleh:2011:EDP

[SK11] Mohammad A. Saleh and Ahmed E. Kamal. Erratum to *Design and Provisioning of WDM Networks With Many-to-Many Traffic Grooming*. *IEEE/ACM Transactions on Networking*, 19(1):299, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [SK10a].

Saleh:2012:AAM

[SK12a] Mohammad A. Saleh and Ahmed E. Kamal. Approximation algorithms for many-to-many traffic grooming in optical WDM networks. *IEEE/ACM Transactions on Networking*, 20(5):1527–1540, October 2012. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shu:2012:FCR

[SK12b] Tao Shu and Marwan Krunz. Finding cheap routes in profit-driven opportunistic spectrum access networks: a truthful mechanism design approach. *IEEE/ACM Transactions on Networking*, 20 (2):530–543, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Srivastava:2013:BPL

[SK13] Rahul Srivastava and Can Emre Koksal. Basic performance limits and tradeoffs in energy-harvesting sensor nodes with finite data and energy storage. *IEEE/ACM Transactions on Networking*, 21(4):1049–1062, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Skorin-Kapov:2010:NAO

[SKCW10] Nina Skorin-Kapov, Jiajia Chen, and Lena Wosinska. A new approach to optical networks security: attack-aware routing and wavelength assignment. *IEEE/ACM Transactions on Networking*, 18 (3):750–760, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarikaya:2016:DNC

[SKE16] Yunus Sarikaya, C. Emre Koksal, and Ozgur Ercetin. Dynamic network control for confidential multi-hop communications. *IEEE/ACM Transactions on Networking*, 24(2):1181–1195, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shue:2012:AMA

[SKG12] Craig A. Shue, Andrew J. Kalafut, and Minaxi Gupta. Abnormally malicious autonomous systems and their Internet connectivity. *IEEE/ACM Transactions on Networking*, 20(1): 220–230, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Song:2012:ETB

[SKHL12] Haoyu Song, Murali Kodialam, Fang Hao, and T. V. Lakshman. Efficient trie braiding in scalable virtual routers. *IEEE/ACM Transactions on Networking*, 20(5):1489–1500, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sabharwal:2007:OSU

[SKK07] Ashutosh Sabharwal, Ahmad Khoshnevis, and Edward Knightly. Opportunistic spectral usage: bounds and a multiband CSMA/CA protocol. *IEEE/ACM Transactions on Networking*, 15(3):533–545, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shakkottai:2001:TPE

[SKKA01] Sanjay Shakkottai, Anurag Kumar, Aditya Karnik, and Ajit Anvekar. TCP performance over end-to-end rate control and stochastic available capacity. *IEEE/ACM Transactions on Networking*, 9 (4):377–391, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Scheuermann:2009:TSD

[SKR+09] Björn Scheuermann, Wolfgang Kiess, Magnus Roos, Florian Jarre, and Martin Mauve. On the time synchronization of distributed log files in networks with local broadcast media. *IEEE/ACM Transactions on Networking*, 17 (2):431–444, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharma:2012:TPE

[SKRK12] Vicky Sharma, Koushik Kar, K. K. Ramakrishnan, and Shivkumar Kalyanaraman. A transport protocol to exploit multipath diversity in wireless networks. *IEEE/ACM Transactions on Networking*, 20(4):1024–1039, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singh:2016:CBS

[SKS16] Chandramani Singh, Anurag Kumar, and Rajesh Sundaresan. Combined base station association and power control in multichannel cellular networks. *IEEE/ACM Transactions on Networking*, 24(2):1065–1080, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Salehi:1996:EAS

[SKT96] James D. Salehi, James F. Kurose, and Don Towsley. The effectiveness of affinity-based scheduling in multiprocessor network protocol processing (extended version). *IEEE/ACM Transactions on Networking*, 4(4):516–530, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1996-4-4/p516-salehi/.

Sridharan:2012:GLS

[SKUB12] Arun Sridharan, C. Emre Koksal, and Elif Uysal-Biyikoglu. A greedy link scheduler for wireless networks with Gaussian multiple-access and broadcast channels. *IEEE/ACM Transactions on Networking*, 20(1):100–113, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sikdar:2003:AML

[SKV03] Biplab Sikdar, Shivkumar Kalyanaraman, and Kenneth S. Vastola. Analytic models for the latency and steady-state throughput of TCP Tahoe, Reno, and SACK. *IEEE/ACM Transactions on Networking*, 11(6):959–971, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Salameh:2010:CAS

[SKY10] Haythem A. Bany Salameh, Marwan Krunz, and Ossama Younis. Cooperative adaptive spectrum sharing in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 18(4):1181–1194, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Starobinski:2003:ANC

[SKZ03] David Starobinski, Mark Karpovsky, and Lev A. Zakrevski. Application of network calculus to general topologies using turn-prohibition. *IEEE/ACM Transactions on Networking*, 11(3):411–421, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sheng:1994:SAP

[SL94] Hong-Dah Sheng and San-Qi Li. Spectral analysis of packet loss rate at a statistical multiplexer for multimedia services. *IEEE/ACM Transactions on Networking*, 2(1):53–65, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p53-sheng/.

Shankar:1995:MTP

[SL95] A. Udaya Shankar and David Lee. Minimum-latency transport protocols with modulo-N. *IEEE/ACM Transactions on Networking*, 3(3):255–268, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.

acm.org/pubs/citations/journals/ton/1995-3-3/p255-shankar/. See comments [OdG96].

Sastry:2005:CTW

[SL05] Nishanth R. Sastry and Simon S. Lam. CYRF: a theory of window-based unicast congestion control. *IEEE/ACM Transactions on Networking*, 13(2):330–342, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shorten:2007:QPN

[SL07a] Robert N. Shorten and Douglas J. Leith. On queue provisioning, network efficiency and the transmission control protocol. *IEEE/ACM Transactions on Networking*, 15 (4):866–877, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sun:2007:HGA

[SL07b] Yan Sun and K. J. Ray Liu. Hierarchical group access control for secure multicast communications. *IEEE/ACM Transactions on Networking*, 15(6):1514–1526, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Spitler:2008:IEE

[SL08] Stephen L. Spitler and Daniel C. Lee. Integration of explicit effective-bandwidth-based QoS routing with best-effort routing. *IEEE/ACM Transactions on Networking*, 16(4):957–969, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shpungin:2012:TEE

[SL12] Hanan Shpungin and Zongpeng Li. Throughput and energy efficiency in wireless ad hoc networks with Gaussian channels. *IEEE/ACM Transactions on Networking*, 20(1):15–28, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sheng:2014:PIT

[SL14] Shang-Pin Sheng and Mingyan Liu. Profit incentive in trading nonexclusive access on a secondary spectrum market through contract design. *IEEE/ACM Transactions on Networking*, 22(4):1190–1203, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shahzad:2015:FAE

[SL15a] Muhammad Shahzad and Alex X. Liu. Fast and accurate estimation of RFID

tags. *IEEE/ACM Transactions on Networking*, 23(1): 241–254, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shahzad:2015:POT

[SL15b] Muhammad Shahzad and Alex X. Liu. Probabilistic optimal tree hopping for RFID identification. *IEEE/ACM Transactions on Networking*, 23(3): 796–809, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2015:HAA

[SL15c] Haiying Shen and Ze Li. A hierarchical account-aided reputation management system for MANETs. *IEEE/ACM Transactions on Networking*, 23(1):70–84, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Schweller:2007:RSE

[SLC+07] Robert Schweller, Zhichun Li, Yan Chen, Yan Gao, Ashish Gupta, Yin Zhang, Peter A. Dinda, Ming-Yang Kao, and Gokhan Memik. Reversible sketches: enabling monitoring and analysis over high-speed data streams. *IEEE/ACM Transactions on Networking*, 15(5):1059–1072, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sojoudi:2014:BDS

[SLD14] Somayeh Sojoudi, Steven H. Low, and John C. Doyle. Buffering dynamics and stability of Internet congestion controllers. *IEEE/ACM Transactions on Networking*, 22(6):1808–1818, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shafigh:2016:FDN

[SLG+16] Alireza Shams Shafigh, Beatriz Lorenzo, Savo Glisic, Jordi Pérez-Romero, Luiz A. DaSilva, Allen B. MacKenzie, and Juha Röning. A framework for dynamic network architecture and topology optimization. *IEEE/ACM Transactions on Networking*, 24(2):717–730, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sikora:2006:BPE

[SLH+06] Marcin Sikora, J. Nicholas Laneman, Martin Haenggi, Daniel J. Costello, Jr., and Thomas E. Fuja. Bandwidth- and power-efficient routing in linear wireless networks. *IEEE/ACM Transactions on Net-*

working, 14(SI):2624–2633, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Smaragdakis:2011:SON

[SLL+11] Georgios Smaragdakis, Nikolaos Laoutaris, Vassilis Lekakis, Azer Bestavros, John W. Byers, and Mema Roussopoulos. Selfish overlay network creation and maintenance. *IEEE/ACM Transactions on Networking*, 19(6):1624–1637, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2015:SNA

[SLL15] Haiying Shen, Yuhua Lin, and Jin Li. A social-network-aided efficient peer-to-peer live streaming system. *IEEE/ACM Transactions on Networking*, 23(3):987–1000, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Smaragdakis:2014:DSM

[SLO+14] Georgios Smaragdakis, Nikolaos Laoutaris, Konstantinos Oikonomou, Ioannis Stavrakakis, and Azer Bestavros. Distributed server migration for scalable Internet service deployment. *IEEE/ACM Transactions on Networking*, 22(3):917–930, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Salido:2007:EBE

[SLP07] Javier Salido, Loukas Lazos, and Radha Poovendran. Energy and bandwidth-efficient key distribution in wireless ad hoc networks: a cross-layer approach. *IEEE/ACM Transactions on Networking*, 15 (6):1527–1540, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shakkottai:2010:MCL

[SLS10] Srinivas Shakkottai, Xin Liu, and R. Srikant. The multicast capacity of large multihop wireless networks. *IEEE/ACM Transactions on Networking*, 18(6):1691–1700, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sikdar:2000:QAS

[SM00] Biplab Sikdar and D. Manjunath. Queueing analysis of scheduling policies in copy networks of space-based multicast packet switches. *IEEE/ACM Transactions on Networking*, 8(3):396–406, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-

2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p396-sikdar/`.

Sinha:2005:ITA

[SM05] Sushant Sinha and C. Siva Ram Murthy. Information theoretic approach to traffic adaptive WDM networks. *IEEE/ACM Transactions on Networking*, 13(4):881–894, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharma:2008:CHS

[SM08] Gaurav Sharma and Ravi R. Mazumdar. A case for hybrid sensor networks. *IEEE/ACM Transactions on Networking*, 16(5):1121–1132, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Seferoglu:2014:NCA

[SM14] Hulya Seferoglu and Athina Markopoulou. Network coding-aware queue management for TCP flows over coded wireless networks. *IEEE/ACM Transactions on Networking*, 22(4):1297–1310, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Seferoglu:2016:SRS

[SM16] Hulya Seferoglu and Eytan Modiano. Separation of routing and scheduling in backpressure: based wireless networks. *IEEE/ACM Transactions on Networking*, 24(3):1787–1800, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shannon:2002:BFO

[SMC02] Colleen Shannon, David Moore, and K. C. Claffy. Beyond folklore: observations on fragmented traffic. *IEEE/ACM Transactions on Networking*, 10(6):709–720, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saengudomlert:2005:DWA

[SMG05a] Poompat Saengudomlert, Eytan H. Modiano, and Robert G. Gallager. Dynamic wavelength assignment for WDM all-optical tree networks. *IEEE/ACM Transactions on Networking*, 13(4):895–905, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shi:2005:LBP

[SMG05b] Weiguang Shi, M. H. MacGregor, and Pawel Gburzynski. Load balancing for parallel forwarding.

IEEE/ACM Transactions on Networking, 13(4):790–801, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saengudomlert:2006:LRW

[SMG06] Poompat Saengudomlert, Eytan Modiano, and Robert G. Gallager. On-line routing and wavelength assignment for dynamic traffic in WDM ring and torus networks. *IEEE/ACM Transactions on Networking*, 14(2):330–340, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Santagati:2015:MAC

[SMGP15] G. Enrico Santagati, Tommaso Melodia, Laura Galluccio, and Sergio Palazzo. Medium access control and rate adaptation for ultrasonic intrabody sensor networks. *IEEE/ACM Transactions on Networking*, 23(4):1121–1134, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saidi:1995:NSP

[SMH95] H. Saidi, P. S. Min, and M. V. Hegde. A new structural property of statistical data forks. *IEEE/ACM Transactions on Networking*, 3(3):289–298, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p289-saidi/`.

Smith:1995:ERC

[Smi95] Donald E. Smith. Ensuring robust call throughput and fairness for SCP overload controls. *IEEE/ACM Transactions on Networking*, 3(5):538–548, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p538-smith/`.

Smiljanic:2002:FBA

[Smi02] Aleksandra Smiljanić. Flexible bandwidth allocation in high-capacity packet switches. *IEEE/ACM Transactions on Networking*, 10(2):287–293, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Smiljanic:2008:RDG

[Smi08] Aleksandra Smiljanic. Rate and delay guarantees provided by Clos packet switches with load balancing. *IEEE/ACM Transactions on Networking*, 16(1):170–181, February 2008. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Somani:2004:TWF

[SML04] Arun K. Somani, Mani Mina, and Ling Li. On trading wavelengths with fibers: a cost-performance based study. *IEEE/ACM Transactions on Networking*, 12(5):944–951, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stoica:2003:CSP

[SMLN+03] Ion Stoica, Robert Morris, David Liben-Nowell, David R. Karger, M. Frans Kaashoek, Frank Dabek, and Hari Balakrishnan. Chord: a scalable peer-to-peer lookup protocol for Internet applications. *IEEE/ACM Transactions on Networking*, 11(1):17–32, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singh:2011:IAH

[SMM11] Sumit Singh, Raghuraman Mudumbai, and Upamanyu Madhow. Interference analysis for highly directional 60-GHz mesh networks: the case for rethinking medium access control. *IEEE/ACM Transactions on Networking*, 19(5): 1513–1527, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Skoberne:2014:IAS

[SMP+14] Nejc Skoberne, Olaf Maennel, Iain Phillips, Randy Bush, Jan Zorz, and Mojca Ciglaric. IPv4 address sharing mechanism classification and tradeoff analysis. *IEEE/ACM Transactions on Networking*, 22 (2):391–404, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharma:2007:DCT

[SMS07] Gaurav Sharma, Ravi Mazumdar, and Ness B. Shroff. Delay and capacity trade-offs in mobile ad hoc networks: a global perspective. *IEEE/ACM Transactions on Networking*, 15 (5):981–992, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sirkeci-Mergen:2006:AAM

[SMSM06] Birsen Sirkeci-Mergen, Anna Scaglione, and Gökhan Mergen. Asymptotic analysis of multistage cooperative broadcast in wireless networks. *IEEE/ACM Transactions on Networking*, 14(SI):2531–2550, June 2006. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Saha:1998:CRR

[SMT98] Debanjan Saha, Sarit Mukherjee, and Satish K. Tripathi. Carry-over round robin: a simple cell scheduling mechanism for ATM networks. *IEEE/ACM Transactions on Networking*, 6(6):779–796, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p779-saha/`. See comments [PK01].

Sidhu:1993:THP

[SMV93] Deepinder P. Sidhu, Howard Motteler, and Raghu Vallurupalli. On testing hierarchies for protocols. *IEEE/ACM Transactions on Networking*, 1(5):590–599, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p590-sidhu/`.

Spring:2004:MIT

[SMWA04] Neil Spring, Ratul Mahajan, David Wetherall, and Thomas Anderson. Measuring ISP topologies with rocketfuel. *IEEE/ACM Transactions on Networking*, 12(1):2–16, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Supittayapornpong:2015:QIM

[SN15] Sucha Supittayapornpong and Michael J. Neely. Quality of information maximization for wireless networks via a fully separable quadratic policy. *IEEE/ACM Transactions on Networking*, 23(2):574–586, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Soule:2007:EDT

[SNC+07] Augustin Soule, Antonio Nucci, Rene L. Cruz, Emilio Leonardi, and Nina Taft. Estimating dynamic traffic matrices by using viable routing changes. *IEEE/ACM Transactions on Networking*, 15(3):485–498, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shamsi:2016:HSP

[SNLL16] Zain Shamsi, Ankur Nandwani, Derek Leonard, and Dmitri Loguinov. Hershel: Single-packet OS fingerprinting. *IEEE/ACM Transactions on Networking*, 24(4):2196–2209, August 2016. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Sherman:2012:FDB

[SNS12] Alex Sherman, Jason Nieh, and Clifford Stein. FairTorrent: a deficit-based distributed algorithm to ensure fairness in peer-to-peer systems. *IEEE/ACM Transactions on Networking*, 20(5):1361–1374, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2012:ITS

[SNSW12] Charles Shen, Erich Nahum, Henning Schulzrinne, and Charles P. Wright. The impact of TLS on SIP server performance: measurement and modeling. *IEEE/ACM Transactions on Networking*, 20(4):1217–1230, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2013:DCL

[SNXT13] Yilin Shen, Nam P. Nguyen, Ying Xuan, and My T. Thai. On the discovery of critical links and nodes for assessing network vulnerability. *IEEE/ACM Transactions on Networking*, 21 (3):963–973, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sobrinho:2002:AAQ

[Sob02] João Luís Sobrinho. Algebra and algorithms for QoS path computation and hop-by-hop routing in the Internet. *IEEE/ACM Transactions on Networking*, 10 (4):541–550, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sobrinho:2005:ATD

[Sob05] João Luís Sobrinho. An algebraic theory of dynamic network routing. *IEEE/ACM Transactions on Networking*, 13(5):1160–1173, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Schwartz:1994:AIG

[SP94] Michael F. Schwartz and Calton Pu. Applying an information gathering architecture to Netfind: a white pages tool for a changing and growing Internet. *IEEE/ACM Transactions on Networking*, 2(5):426–439, October 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-5/p426-schwartz/`.

Stai:2016:PAC

[SPB16] Eleni Stai, Symeon Papavassiliou, and John S. Baras. Performance-aware cross-layer design in wireless multihop networks via a weighted backpressure approach. *IEEE/ACM Transactions on Networking*, 24(1):245–258, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2010:SPT

[SPC10] Yanming Shen, Shivendra S. Panwar, and H. Jonathan Chao. SQUID: a practical 100% throughput scheduler for crosspoint buffered switches. *IEEE/ACM Transactions on Networking*, 18(4):1119–1131, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Srebrny:2013:NMD

[SPGM13] Piotr H. Srebrny, Thomas Plagemann, Vera Goebel, and Andreas Mauthe. No more Déjà Vu: eliminating redundancy with cachecast: feasibility and performance gains. *IEEE/ACM Transactions on Networking*, 21 (6):1736–1749, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Samar:2004:IZR

[SPH04] Prince Samar, Marc R. Pearlman, and Zygmunt J. Haas. Independent zone routing: an adaptive hybrid routing framework for ad hoc wireless networks. *IEEE/ACM Transactions on Networking*, 12(4):595–608, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Spinelli:1997:SSW

[Spi97] John M. Spinelli. Self-stabilizing sliding window ARQ protocols. *IEEE/ACM Transactions on Networking*, 5(2):245–254, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p245-spinelli/`.

Spyropoulos:2008:ERIb

[SPR08a] Thrasyvoulos Spyropoulos, Konstantinos Psounis, and Cauligi S. Raghavendra. Efficient routing in intermittently connected mobile networks: the multiple-copy case. *IEEE/ACM Transactions on Networking*, 16(1):77–90, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Spyropoulos:2008:ERIa

[SPR08b] Thrasyvoulos Spyropoulos, Konstantinos Psounis, and Cauligi S. Raghavendra. Efficient routing in intermittently connected mobile networks: the single-copy case. *IEEE/ACM Transactions on Networking*, 16 (1):63–76, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Snoeren:2002:SPI

[SPS+02] Alex C. Snoeren, Craig Partridge, Luis A. Sanchez, Christine E. Jones, Fabrice Tchakountio, Beverly Schwartz, Stephen T. Kent, and W. Timothy Strayer. Single-packet IP traceback. *IEEE/ACM Transactions on Networking*, 10(6):721–734, December 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sobrinho:2012:TCD

[SQ12] João Luís Sobrinho and Tiago Quelhas. A theory for the connectivity discovered by routing protocols. *IEEE/ACM Transactions on Networking*, 20(3): 677–689, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Saleh:2016:PAN

[SQ16] Bassel Saleh and Dongyu Qiu. Performance analysis of network-coding-based P2P live streaming systems. *IEEE/ACM Transactions on Networking*, 24(4):2140–2153, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Song:2009:NFF

[SQZ09] Han Hee Song, Lili Qiu, and Yin Zhang. NetQuest: a flexible framework for large-scale network measurement. *IEEE/ACM Transactions on Networking*, 17(1):106–119, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sivarajan:1994:LNB

[SR94] Kumar N. Sivarajan and Rajiv Ramaswami. Lightwave networks based on de Bruijn graphs. *IEEE/ACM Transactions on Networking*, 2(1):70–79, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p70-sivarajan/`.

Siwko:2001:CAC

[SR01] J. Siwko and I. Rubin. Connection admission con-

trol for capacity-varying networks with stochastic capacity change times. *IEEE/ACM Transactions on Networking*, 9(3):351–360, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Smith:2002:FSV

[SR02] Mark A. Smith and K. K. Ramakrishnan. Formal specification and verification of safety and performance of TCP selective acknowledgment. *IEEE/ACM Transactions on Networking*, 10(2):193–207, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sundaresan:2014:CVM

[SR14] Karthikeyan Sundaresan and Sampath Rangarajan. Cooperation versus multiplexing: multicast scheduling algorithms for OFDMA relay networks. *IEEE/ACM Transactions on Networking*, 22(3):756–769, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sengupta:2010:NCA

[SRB10] Sudipta Sengupta, Shravan Rayanchu, and Suman Banerjee. Network coding-aware routing in wireless networks. *IEEE/ACM Transactions on Networking*, 18(4):1158–1170, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stutzbach:2009:USU

[SRD+09] Daniel Stutzbach, Reza Rejaie, Nick Duffield, Subhabrata Sen, and Walter Willinger. On unbiased sampling for unstructured peer-to-peer networks. *IEEE/ACM Transactions on Networking*, 17 (2):377–390, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Secci:2011:PEM

[SRP+11] Stefano Secci, Jean-Louis Rougier, Achille Pattavina, Fioravante Patrone, and Guido Maier. Peering equilibrium multipath routing: a game theory framework for Internet peering settlements. *IEEE/ACM Transactions on Networking*, 19 (2):419–432, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarshar:2008:LLW

[SRR08] Nima Sarshar, Behnam A. Rezaei, and Vwani P. Roychowdhury. Low latency wireless ad hoc networking: power and band-

width challenges and a solution. *IEEE/ACM Transactions on Networking*, 16 (2):335–346, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shaikh:2001:EIS

[SRS01] Anees Shaikh, Jennifer Rexford, and Kang G. Shin. Evaluating the impact of stale link state on quality-of-service routing. *IEEE/ACM Transactions on Networking*, 9(2): 162–176, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p162-shaikh/p162-shaikh.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-2/p162-shaikh/`.

Sarkar:2003:MFL

[SRS03] Uttam K. Sarkar, Subramanian Ramakrishnan, and Dilip Sarkar. Modeling full-length video using Markov-modulated Gamma-based framework. *IEEE/ACM Transactions on Networking*, 11(4):638–649, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stutzbach:2008:CUO

[SRS08] Daniel Stutzbach, Reza Rejaie, and Subhabrata Sen. Characterizing unstructured overlay topologies in modern P2P file-sharing systems. *IEEE/ACM Transactions on Networking*, 16(2):267–280, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharon:1993:SSS

[SS93] Oran Sharon and Adrian Segall. A simple scheme for slot reuse without latency for a dual bus configuration. *IEEE/ACM Transactions on Networking*, 1(1):96–104, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p96-sharon/`.

Sharon:1994:ESR

[SS94a] Oran Sharon and Adrian Segall. On the efficiency of slot reuse in the Dual Bus configuration. *IEEE/ACM Transactions on Networking*, 2(1):89–100, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p89-sharon/`.

Sharon:1994:SSR

[SS94b] Oran Sharon and Adrian Segall. Schemes for slot reuse in CRMA. *IEEE/ACM Transactions on Networking*, 2(3):269–278, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p269-sharon/`.

Smith:1996:IGP

[SS96] Peter J. Smith and Mansoor Shafi. The impact of G.826 on the performance of transport systems. *IEEE/ACM Transactions on Networking*, 4(4):604–614, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p604-smith/`.

Shroff:1998:ILC

[SS98] Ness B. Shroff and Mischa Schwartz. Improved loss calculations at an ATM multiplexer. *IEEE/ACM Transactions on Networking*, 6(4):411–421, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p411-shroff/`.

Srinivasan:2003:AFE

[SS03] R. Srinivasan and Arun K. Somani. On achieving fairness and efficiency in high-speed shared medium access. *IEEE/ACM Transactions on Networking*, 11(1):111–124, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sridharan:2004:BAO

[SS04a] Ashwin Sridharan and Kumar N. Sivarajan. Blocking in all-optical networks. *IEEE/ACM Transactions on Networking*, 12(2):384–397, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Steinder:2004:PFL

[SS04b] Małgorzata Steinder and Adarshpal S. Sethi. Probabilistic fault localization in communication systems using belief networks. *IEEE/ACM Transactions on Networking*, 12(5):809–822, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sun:2005:EED

[SS05] Wei Sun and Kang G. Shin. End-to-end delay bounds for traffic aggregates under

guaranteed-rate scheduling algorithms. *IEEE/ACM Transactions on Networking*, 13(5):1188–1201, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shakkottai:2006:ENP

[SS06] Srinivas Shakkottai and R. Srikant. Economics of network pricing with multiple ISPs. *IEEE/ACM Transactions on Networking*, 14(6):1233–1245, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sundaresan:2007:UML

[SS07] Karthikeyan Sundaresan and Raghupathy Sivakumar. A unified MAC layer framework for ad-hoc networks with smart antennas. *IEEE/ACM Transactions on Networking*, 15(3):546–559, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shpungin:2009:LEF

[SS09] Hanan Shpungin and Michael Segal. Low-energy fault-tolerant bounded-hop broadcast in wireless networks. *IEEE/ACM Transactions on Networking*, 17(2):582–590, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shpungin:2010:NOM

[SS10] Hanan Shpungin and Michael Segal. Near-optimal multicriteria spanner constructions in wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 18 (6):1963–1976, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Subramanian:2008:BSN

[SSA08] Sundar Subramanian, Sanjay Shakkottai, and Ari Arapostathis. Broadcasting in sensor networks: the role of local information. *IEEE/ACM Transactions on Networking*, 16(5):1133–1146, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singh:2011:PCC

[SSA11] Chandramani Singh, Saswati Sarkar, and Alireza Aram. Provider-customer coalitional games. *IEEE/ACM Transactions on Networking*, 19(5):1528–1542, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singh:2012:CPS

[SSAK12] Chandramani Singh, Saswati Sarkar, Alireza Aram, and

Anurag Kumar. Cooperative profit sharing in coalition-based resource allocation in wireless networks. *IEEE/ACM Transactions on Networking*, 20 (1):69–83, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Skelly:1993:HMV

[SSD93] Paul Skelly, Mischa Schwartz, and Sudhir Dixit. A histogram-based model for video traffic behavior in an ATM multiplexer. *IEEE/ACM Transactions on Networking*, 1(4):446–459, August 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-4/p446-skelly/`.

Solano:2008:LSR

[SSFM08] Fernando Solano, Thomas Stidsen, Ramon Fabregat, and Jose Luis Marzo. Label space reduction in MPLS networks: how much can a single stacked label do? *IEEE/ACM Transactions on Networking*, 16(6):1308–1320, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharma:2011:OAR

[SSHK11] Sushant Sharma, Yi Shi, Y. Thomas Hou, and Sastry Kompella. An optimal algorithm for relay node assignment in cooperative ad hoc networks. *IEEE/ACM Transactions on Networking*, 19(3):879–892, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shakkottai:2003:BTC

[SSM03] Sanjay Shakkottai, R. Srikant, and Sean P. Meyn. Bounds on the throughput of congestion controllers in the presence of feedback delay. *IEEE/ACM Transactions on Networking*, 11(6): 972–981, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Singhal:2006:OMM

[SSM06] Narendra K. Singhal, Laxman H. Sahasrabuddhe, and Biswanath Mukherjee. Optimal multicasting of multiple light-trees of different bandwidth granularities in a WDM mesh network with sparse splitting capabilities. *IEEE/ACM Transactions on Networking*, 14(5):1104–1117, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sung:2011:TSD

[SSR+11] Yu-Wei Eric Sung, Xin Sun, Sanjay G. Rao, Geoffrey G. Xie, and David A. Maltz. Towards systematic design of enterprise networks. *IEEE/ACM Transactions on Networking*, 19 (3):695–708, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sahneh:2013:GEM

[SSV13] Faryad Darabi Sahneh, Caterina Scoglio, and Piet Van Mieghem. Generalized epidemic mean-field model for spreading processes over multilayer complex networks. *IEEE/ACM Transactions on Networking*, 21(5):1609–1620, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shetty:2010:IQR

[SSW10] Nikhil Shetty, Galina Schwartz, and Jean Walrand. Internet QoS and regulations. *IEEE/ACM Transactions on Networking*, 18(6):1725–1737, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shin:2013:FCW

[SSWK13] Ji-Yong Shin, Emin Gn Sirer, Hakim Weatherspoon, and Darko Kirovski. On the feasibility of completely wireless datacenters. *IEEE/ACM Transactions on Networking*, 21(5): 1666–1679, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stoica:2003:CSF

[SSZ03] Ion Stoica, Scott Shenker, and Hui Zhang. *Core*-stateless fair queueing: a scalable architecture to approximate fair bandwidth allocations in high-speed networks. *IEEE/ACM Transactions on Networking*, 11(1):33–46, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sun:2005:PCC

[SSZ05] Xuehong Sun, Sartaj K. Sahni, and Yiqiang Q. Zhao. Packet classification consuming small amount of memory. *IEEE/ACM Transactions on Networking*, 13(5):1135–1145, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shavitt:2004:BBS

[ST04] Yuval Shavitt and Tomer Tankel. Big-bang simulation for embedding network distances in Euclidean space. *IEEE/ACM Trans-*

actions on Networking, 12 (6):993–1006, December 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarkar:2005:FDC

[ST05] Saswati Sarkar and Leandros Tassiulas. Fair distributed congestion control in multirate multicast networks. *IEEE/ACM Transactions on Networking*, 13(1):121–133, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shavitt:2008:HEI

[ST08] Yuval Shavitt and Tomer Tankel. Hyperbolic embedding of Internet graph for distance estimation and overlay construction. *IEEE/ACM Transactions on Networking*, 16(1):25–36, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sharma:2009:EBD

[ST09] Shrutivandana Sharma and Demosthenis Teneketzis. An externalities-based decentralized optimal power allocation algorithm for wireless networks. *IEEE/ACM Transactions on Networking*, 17(6):1819–1831, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Song:2013:AAB

[ST13] Haoyu Song and Jonathan S. Turner. ABC: adaptive binary cuttings for multidimensional packet classification. *IEEE/ACM Transactions on Networking*, 21 (1):98–109, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sorooshyari:2012:PCC

[STC12] Siamak Sorooshyari, Chee Wei Tan, and Mung Chiang. Power control for cognitive radio networks: axioms, algorithms, and analysis. *IEEE/ACM Transactions on Networking*, 20(3):878–891, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stefanakos:2008:RRN

[Ste08] Stamatis Stefanakos. Reliable routings in networks with generalized link failure events. *IEEE/ACM Transactions on Networking*, 16(6):1331–1339, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shad:2001:DSA

[STKL01] Faisal Shad, Terence D. Todd, Vytas Kezys, and

John Litva. Dynamic slot allocation (DSA) in indoor SDMA/TDMA using smart antenna basestation. *IEEE/ACM Transactions on Networking*, 9 (1):69–81, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p69-shad/p69-shad.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p69-shad/`.

Sun:2004:SMK

[STL04] Yan Sun, Wade Trappe, and K. J. Ray Liu. A scalable multicast key management scheme for heterogeneous wireless networks. *IEEE/ACM Transactions on Networking*, 12(4):653–666, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Seibert:2012:IWI

[STM+12] Jeff Seibert, Ruben Torres, Marco Mellia, Maurizio M. Munafo, Cristina Nita-Rotaru, and Sanjay Rao. The Internet-wide impact of P2P traffic localization on ISP profitability. *IEEE/ACM Transactions on Networking*, 20(6): 1910–1923, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Soh:2013:RID

[STQ13] De Wen Soh, Wee Peng Tay, and Tony Q. S. Quek. Randomized information dissemination in dynamic environments. *IEEE/ACM Transactions on Networking*, 21(3):681–691, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Su:2015:TTS

[Su15] Yi-Sheng Su. Topology-transparent scheduling via the Chinese remainder theorem. *IEEE/ACM Transactions on Networking*, 23(5):1416–1429, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shreedhar:1996:EFQ

[SV96] M. Shreedhar and George Varghese. Efficient fair queueing using deficit round-robin. *IEEE/ACM Transactions on Networking*, 4(3):375–385, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p375-shreedhar/`.

Stiliadis:1998:EFQ

[SV98a] Dimitrios Stiliadis and Anujan Varma. Efficient fair queueing algorithms for packet-switched networks. *IEEE/ACM Transactions on Networking*, 6(2):175–185, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p175-stiliadis/`.

Stiliadis:1998:LSG

[SV98b] Dimitrios Stiliadis and Anujan Varma. Latency-rate servers: a general model for analysis of traffic scheduling algorithms. *IEEE/ACM Transactions on Networking*, 6(5):611–624, October 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-5/p611-stiliadis/`.

Stiliadis:1998:RSD

[SV98c] Dimitrios Stiliadis and Anujan Varma. Rate-proportional servers: a design methodology for fair queueing algorithms. *IEEE/ACM Transactions on Networking*, 6(2):164–174, April 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-2/p164-stiliadis/`.

Sharma:1999:OBM

[SV99] Supriya Sharma and Yannis Viniotis. Optimal buffer management policies for shared-buffer ATM switches. *IEEE/ACM Transactions on Networking*, 7(4):575–587, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p575-sharma/`.

Sundaresan:2006:CQP

[SV06] Rajesh Sundaresan and Sergio Verdú. Capacity of queues via point-process channels. *IEEE/ACM Transactions on Networking*, 14(SI):2697–2709, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sorour:2011:ANC

[SV11] Sameh Sorour and Shahrokh Valaee. An adaptive network coded retransmission scheme for single-hop wireless multicast broadcast services. *IEEE/ACM Transactions on Networking*, 19(3):869–878, June

2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sorour:2015:CDM

[SV15] Sameh Sorour and Shahrokh Valaee. Completion delay minimization for instantly decodable network codes. *IEEE/ACM Transactions on Networking*, 23(5):1553–1567, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sen:2004:APP

[SW04] Subhabrata Sen and Jia Wang. Analyzing peer-to-peer traffic across large networks. *IEEE/ACM Transactions on Networking*, 12 (2):219–232, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Swiderski:1996:APA

[Świ96] Jacek Świderski. Approximate performance analysis of real-time traffic over heavily loaded networks with timed token protocols. *IEEE/ACM Transactions on Networking*, 4(3):470–478, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p470-swiderski/`.

Savage:2001:NSI

[SWKA01] Stefan Savage, David Wetherall, Anna Karlin, and Tom Anderson. Network support for IP traceback. *IEEE/ACM Transactions on Networking*, 9(3):226–237, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shorten:2006:PSM

[SWL06] Robert Shorten, Fabian Wirth, and Douglas Leith. A positive systems model of TCP-like congestion control: asymptotic results. *IEEE/ACM Transactions on Networking*, 14 (3):616–629, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Starobinski:2010:AOD

[SX10] David Starobinski and Weiyao Xiao. Asymptotically optimal data dissemination in multichannel wireless sensor networks: single radios suffice. *IEEE/ACM Transactions on Networking*, 18(3):695–707, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sung:2008:LSI

[SXLL08] Minho Sung, Jun Xu, Jun Li, and Li Li. Large-scale

IP traceback in high-speed Internet: practical techniques and information-theoretic foundation. *IEEE/ACM Transactions on Networking*, 16(6):1253–1266, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarkar:2009:HWO

[SYDM09] Suman Sarkar, Hong-Hsu Yen, Sudhir Dixit, and Biswanath Mukherjee. Hybrid wireless-optical broadband access network (WOBAN): network planning using Lagrangean relaxation. *IEEE/ACM Transactions on Networking*, 17(4):1094–1105, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sirivianos:2009:REI

[SYJ09] Michael Sirivianos, Xiaowei Yang, and Stanislaw Jarecki. Robust and efficient incentives for cooperative content distribution. *IEEE/ACM Transactions on Networking*, 17(6): 1766–1779, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2001:EPC

[SYP01] Xiaojun Shen, Fan Yang, and Yi Pan. Equivalent permutation capabilities between time-division optical omega networks and non-optical extra-stage omega networks. *IEEE/ACM Transactions on Networking*, 9(4):518–524, August 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shen:2005:SRL

[SYR05] Lu Shen, Xi Yang, and Byrav Ramamurthy. Shared risk link group (SRLG)-diverse path provisioning under hybrid service level agreements in wavelength-routed optical mesh networks. *IEEE/ACM Transactions on Networking*, 13 (4):918–931, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shalom:2007:EAM

[SZ07] Mordechai Shalom and Shmuel Zaks. A $10/7 + \epsilon$ approximation for minimizing the number of ADMs in SONET rings. *IEEE/ACM Transactions on Networking*, 15(6):1593–1602, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarikaya:2008:SPT

[SZ08] Behcet Sarikaya and Xiao Zheng. SIP paging and

tracking of wireless LAN hosts for VoIP. *IEEE/ACM Transactions on Networking*, 16(3):539–548, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sarkar:2009:DRI

[SZG09] Rik Sarkar, Xianjin Zhu, and Jie Gao. Double rulings for information brokerage in sensor networks. *IEEE/ACM Transactions on Networking*, 17(6):1902–1915, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Sen:2013:DIA

[SZG+13] Sayandeep Sen, Tan Zhang, Syed Gilani, Shreesha Srinath, Suman Banerjee, and Sateesh Addepalli. Design and implementation of an "approximate" communication system for wireless media applications. *IEEE/ACM Transactions on Networking*, 21(4):1035–1048, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Salehi:1998:SSV

[SZKT98] James D. Salehi, Shi-Li Zhang, Jim Kurose, and Don Towsley. Supporting stored video: reducing rate variability and end-to-end resource requirements through optimal smoothing. *IEEE/ACM Transactions on Networking*, 6(4):397–410, August 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-4/p397-salehi/`.

Su:2014:EAV

[SZL+14] Sen Su, Zhongbao Zhang, Alex X. Liu, Xiang Cheng, Yiwen Wang, and Xinchao Zhao. Energy-aware virtual network embedding. *IEEE/ACM Transactions on Networking*, 22(5):1607–1620, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Song:2008:CSB

[SZM08] Lei Song, Jing Zhang, and Biswanath Mukherjee. A comprehensive study on backup-bandwidth reprovisioning after network-state updates in survivable telecom mesh networks. *IEEE/ACM Transactions on Networking*, 16(6):1366–1377, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Stoica:2000:HFS

[SZN00] Ion Stoica, Hui Zhang, and

T. S. Eugene Ng. A hierarchical fair service curve algorithm for link-sharing, real-time, and priority services. *IEEE/ACM Transactions on Networking*, 8 (2):185–199, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-2/p185-stoica/`.

Sun:2001:PBU

[SZT01] Hairong Sun, Xinyu Zang, and Kishor S. Trivedi. Performance of broadcast and unknown server (BUS) in ATM LAN emulation. *IEEE/ACM Transactions on Networking*, 9(3):361–372, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Shi:2016:OAF

[SZW+16] Weijie Shi, Linquan Zhang, Chuan Wu, Zongpeng Li, and Francis C. M. Lau. An online auction framework for dynamic resource provisioning in cloud computing. *IEEE/ACM Transactions on Networking*, 24(4): 2060–2073, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Szymanski:2016:ULL

[Szy16] Ted H. Szymanski. An ultra-low-latency guaranteed-rate Internet for cloud services. *IEEE/ACM Transactions on Networking*, 24(1):123–136, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Traverso:2015:NFS

[TAB+15] Stefano Traverso, Luca Abeni, Robert Birke, Csaba Kiraly, Emilio Leonardi, Renato Lo Cigno, and Marco Mellia. Neighborhood filtering strategies for overlay construction in P2P-TV systems: design and experimental comparison. *IEEE/ACM Transactions on Networking*, 23 (3):741–754, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tao:2008:RTM

[TAG08] Shu Tao, John Apostolopoulos, and Roch Guérin. Real-time monitoring of video quality in IP networks. *IEEE/ACM Transactions on Networking*, 16(5):1052–1065, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tsai:1999:CGP

[TAH99] Wei K. Tsai, John K. Antonio, and Garng M. Huang. Complexity of gra-

dient projection method for optimal routing in data networks. *IEEE/ACM Transactions on Networking*, 7(6):897–905, December 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-6/p897-tsai/`.

Tang:2010:QDW

[TAJ+10] Ao Tang, Lachlan L. H. Andrew, Krister Jacobsson, Karl H. Johansson, Håkan Hjalmarsson, and Steven H. Low. Queue dynamics with window flow control. *IEEE/ACM Transactions on Networking*, 18(5):1422–1435, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2016:OPC

[Tan16] Chee Wei Tan. Optimal power control in Rayleigh-fading heterogeneous wireless networks. *IEEE/ACM Transactions on Networking*, 24(2):940–953, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tassiulas:1996:PFL

[Tas96] Leandros Tassiulas. Push forward link-level scheduling for network-wide performance. *IEEE/ACM Transactions on Networking*, 4(3):398–406, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p398-tassiulas/`.

Tassiulas:1999:CTS

[Tas99] Leandros Tassiulas. Cut-through switching, pipelining, and scheduling for network evacuation. *IEEE/ACM Transactions on Networking*, 7(1):88–97, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p88-tassiulas/`.

Tinnirello:2010:RIE

[TB10] Ilenia Tinnirello and Giuseppe Bianchi. Rethinking the IEEE 802.11e EDCA performance modeling methodology. *IEEE/ACM Transactions on Networking*, 18 (2):540–553, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tariq:2013:ATD

[TBV+13] Mukarram Bin Tariq, Kaushik Bhandankar, Vytautas Valancius, Amgad Zeitoun, Nick Feamster, and Mostafa

Ammar. Answering: techniques and deployment experience. *IEEE/ACM Transactions on Networking*, 21(1):1–13, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Thommes:2006:DPM

[TC06] Richard W. Thommes and Mark J. Coates. Deterministic packet marking for time-varying congestion price estimation. *IEEE/ACM Transactions on Networking*, 14(3):592–602, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Triay:2013:ABP

[TCPV13] Joan Triay, Cristina Cervelló-Pastor, and Vinod M. Vokkarane. Analytical blocking probability model for hybrid immediate and advance reservations in optical WDM networks. *IEEE/ACM Transactions on Networking*, 21(6):1890–1903, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tseng:2004:SCT

[TCS04] Yu-Chee Tseng, Yu-Chi Chueh, and Jang-Ping Sheu. Seamless channel transition for the staircase video broadcasting scheme. *IEEE/ACM Transactions on Networking*, 12(3):559–571, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2013:FAP

[TCS13] Chee Wei Tan, Mung Chiang, and R. Srikant. Fast algorithms and performance bounds for sum rate maximization in wireless networks. *IEEE/ACM Transactions on Networking*, 21(3):706–719, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Towles:2003:GSS

[TD03] Brian Towles and William J. Dally. Guaranteed scheduling for switches with configuration overhead. *IEEE/ACM Transactions on Networking*, 11(5):835–847, October 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tsai:1994:PAT

[TdWC+94] Zsehong Tsai, Wen der Wang, Chien-Hwa Chiou, Jin-Fu Chang, and Lung-Sing Liang. Performance analysis of two echo control designs in ATM networks. *IEEE/ACM Transactions on Networking*, 2(1):30–39, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (elec-

tronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p30-tsai/.

Tadrous:2016:JSP

[TEE16] John Tadrous, Atilla Eryilmaz, and Hesham El Gamal. Joint smart pricing and proactive content caching for mobile services. *IEEE/ACM Transactions on Networking*, 24(4):2357–2371, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Traynor:2009:MAO

[TEML09] Patrick Traynor, William Enck, Patrick McDaniel, and Thomas La Porta. Mitigating attacks on open functionality in SMS-capable cellular networks. *IEEE/ACM Transactions on Networking*, 17(1):40–53, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tassiulas:1996:WPS

[TG96] Leandros Tassiulas and Leonidas Georgiadis. Any work-conserving policy stabilizes the ring with spatial re-use. *IEEE/ACM Transactions on Networking*, 4 (2):205–208, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p205-tassiulas/.

Tsybakov:1997:STA

[TG97] Boris Tsybakov and Nicoals D. Georganas. On self-similar traffic in ATM queues: definitions, overflow probability bound, and cell delay distribution. *IEEE/ACM Transactions on Networking*, 5(3):397–409, June 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1997-5-3/p397-tsybakov/.

Terdik:2009:LFF

[TG09] György Terdik and Tibor Gyires. Lévy flights and fractal modeling of Internet traffic. *IEEE/ACM Transactions on Networking*, 17(1):120–129, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Teixeira:2007:TBT

[TGRR07] Renata Teixeira, Timothy G. Griffin, Mauricio G. C. Resende, and Jennifer Rexford. TIE breaking: tunable interdomain egress selection. *IEEE/ACM Transactions on Networking*, 15(4):761–774, August 2007. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tabatabaee:2001:QPT

[TGT01] Vahid Tabatabaee, Leonidas Georgiadis, and Leandros Tassiulas. QoS provisioning and tracking fluid policies in input queueing switches. *IEEE/ACM Transactions on Networking*, 9(5):605–617, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Turletti:1996:VI

[TH96] Thierry Turletti and Christian Huitema. Videoconferencing on the Internet. *IEEE/ACM Transactions on Networking*, 4(3):340–351, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p340-turletti/`.

Todd:1997:MMM

[TH97] Terence D. Todd and Ellen L. Hahne. Multiaccess mesh (multimesh) networks. *IEEE/ACM Transactions on Networking*, 5(2):181–189, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p181-todd/`.

Tham:2001:UAF

[Tha01] Yiu Kwok Tham. A unified algorithmic framework for variable-rate TDM switching assignments. *IEEE/ACM Transactions on Networking*, 9(5):662–668, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tham:2004:SSS

[Tha04] Yiu Kwok Tham. Scheduling satellite-switched time-division multiple access with general switching modes. *IEEE/ACM Transactions on Networking*, 12 (4):645–652, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tapolcai:2014:SFF

[THBR14] János Tapolcai, Pin-Han Ho, Péter Babarczi, and Lajos Rónyai. On signaling-free failure dependent restoration in all-optical mesh networks. *IEEE/ACM Transactions on Networking*, 22(4):1067–1078, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Taylor:2005:RHC

[THDD05] David E. Taylor, Andreas Herkersdorf, Andreas Döring, and Gero Dittmann. Robust header compression (ROHC) in next-generation network processors. *IEEE/ACM Transactions on Networking*, 13(4):755–768, August 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Traskov:2012:SNC

[THMK12] Danail Traskov, Michael Heindlmaier, Muriel Médard, and Ralf Koetter. Scheduling for network-coded multicast. *IEEE/ACM Transactions on Networking*, 20(5):1479–1488, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tassiulas:1994:OBC

[THP94] Leandros Tassiulas, Yao Chung Hung, and Shivendra S. Panwar. Optimal buffer control during congestion in an ATM network node. *IEEE/ACM Transactions on Networking*, 2(4):374–386, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p374-tassiulas/`.

Tapolcai:2012:NWL

[THRW12] János Tapolcai, Pin-Han Ho, Lajos Rónyai, and Bin Wu. Network-wide local unambiguous failure localization (NWL-UFL) via monitoring trails. *IEEE/ACM Transactions on Networking*, 20(6):1762–1773, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tian:2005:SAD

[Tia05] Yu-Ping Tian. Stability analysis and design of the second-order congestion control for networks with heterogeneous delays. *IEEE/ACM Transactions on Networking*, 13(5):1082–1093, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tassiulas:1995:PMS

[TJ95] Leandros Tassiulas and Jinoo Joung. Performance measures and scheduling policies in ring networks. *IEEE/ACM Transactions on Networking*, 3(5):576–584, October 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-5/p576-tassiulas/`.

Tan:2012:GGR

[TK12] Guang Tan and Anne-Marie Kermarrec. Greedy geographic routing in large-scale sensor networks: a minimum network decomposition approach. *IEEE/ACM Transactions on Networking*, 20(3):864–877, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Trajanovski:2015:FCR

[TKI+15] Stojan Trajanovski, Fernando A. Kuipers, Aleksandar Ilić, Jon Crowcroft, and Piet Van Mieghem. Finding critical regions and region-disjoint paths in a network. *IEEE/ACM Transactions on Networking*, 23(3):908–921, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Taleb:2006:REF

[TKN06] Tarik Taleb, Nei Kato, and Yoshiaki Nemoto. REFWA: an efficient and fair congestion control scheme for LEO satellite networks. *IEEE/ACM Transactions on Networking*, 14(5):1031–1044, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tel:1994:SAN

[TKZ94] Gerard Tel, Ephraim Korach, and Shmuel Zaks. Synchronizing ABD networks. *IEEE/ACM Transactions on Networking*, 2 (1):66–69, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p66-tel/`.

Tinnakornsrisuphap:2006:ABH

[TL06] Peerapol Tinnakornsrisuphap and Richard J. La. Asymptotic behavior of heterogeneous TCP flows and RED gateway. *IEEE/ACM Transactions on Networking*, 14(1):108–120, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tian:2016:TAS

[TL16] Guibin Tian and Yong Liu. Towards agile and smooth video adaptation in HTTP adaptive streaming. *IEEE/ACM Transactions on Networking*, 24(4):2386–2399, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tu:2016:DPC

[TLP+16] Guan-Hua Tu, Yuanjie Li, Chunyi Peng, Chi-Yu Li,

and Songwu Lu. Detecting problematic control-plane protocol interactions in mobile networks. *IEEE/ACM Transactions on Networking*, 24(2):1209–1222, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tekin:2012:ACG

[TLS+12] Cem Tekin, Mingyan Liu, Richard Southwell, Jianwei Huang, and Sahand Haji Ali Ahmad. Atomic congestion games on graphs and their applications in networking. *IEEE/ACM Transactions on Networking*, 20(5):1541–1552, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2013:OCP

[TM13] Bo Tan and Laurent Massoulié. Optimal content placement for peer-to-peer video-on-demand systems. *IEEE/ACM Transactions on Networking*, 21(2):566–579, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tridandapani:1997:CSM

[TMH97] Srini B. Tridandapani, Biswanath Mukherjee, and Geir Hallingstad. Channel sharing in multi-hop WDM lightwave networks: do we need more channels? *IEEE/ACM Transactions on Networking*, 5(5):719–727, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p719-tridandapani/`.

Thatte:2011:PMA

[TMH11] Gautam Thatte, Urbashi Mitra, and John Heidemann. Parametric methods for anomaly detection in aggregate traffic. *IEEE/ACM Transactions on Networking*, 19(2):512–525, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Thomopoulos:2001:LAT

[TMMS01] Efstratios Thomopoulos, Louise E. Moser, and Peter M. Melliar-Smith. Latency analysis of the totem single-ring protocol. *IEEE/ACM Transactions on Networking*, 9(5):669–680, October 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tornatore:2007:WND

[TMP07] Massimo Tornatore, Guido Maier, and Achille Pattavina. WDM network design by ILP models

based on flow aggregation. *IEEE/ACM Transactions on Networking*, 15(3):709–720, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tantiprasut:1997:APS

[TNF97] Duke Tantiprasut, John Neil, and Craig Farrell. ASN.1 protocol specification for use with arbitrary encoding schemes. *IEEE/ACM Transactions on Networking*, 5(4):502–513, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p502-tantiprasut/`.

Thekkath:1993:INP

[TNML93] Chandramohan A. Thekkath, Thu D. Nguyen, Evelyn Moy, and Edward D. Lazowska. Implementing network protocols at user level. *IEEE/ACM Transactions on Networking*, 1(5):554–565, October 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-5/p554-thekkath/`.

Tague:2011:JAT

[TNRP11] Patrick Tague, Sidharth Nabar, James A. Ritcey, and Radha Poovendran. Jamming-aware traffic allocation for multiple-path routing using portfolio selection. *IEEE/ACM Transactions on Networking*, 19(1):184–194, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Todd:1994:TGN

[Tod94] Terence D. Todd. The token grid network. *IEEE/ACM Transactions on Networking*, 2(3):279–287, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p279-todd/`.

Towsley:2006:AIT

[Tow06a] Don Towsley. Abstracts from the IEEE transactions on information theory, special issue, June 2006. *IEEE/ACM Transactions on Networking*, 14(4):675–682, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Towsley:2006:E

[Tow06b] Don Towsley. Editorial. *IEEE/ACM Transactions on Networking*, 14(4):673, August 2006. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Tan:2009:ERT

[TPC09] Chee Wei Tan, Daniel P. Palomar, and Mung Chiang. Energy-robustness tradeoff in cellular network power control. *IEEE/ACM Transactions on Networking*, 17(3):912–925, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Thaler:1998:UNM

[TR98] David G. Thaler and Chinya V. Ravishankar. Using name-based mappings to increase hit rates. *IEEE/ACM Transactions on Networking*, 6(1):1–14, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p1-thaler/`.

Treurniet:2011:NAC

[Tre11] Joanne Treurniet. A network activity classification schema and its application to scan detection. *IEEE/ACM Transactions on Networking*, 19(5):1396–1404, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Trestian:2010:GIP

[TRKN10] Ionut Trestian, Supranamaya Ranjan, Aleksandar Kuzmanovic, and Antonio Nucci. Googling the Internet: profiling Internet endpoints via the World Wide Web. *IEEE/ACM Transactions on Networking*, 18 (2):666–679, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Trestian:2012:TMD

[TRKN12] Ionut Trestian, Supranamaya Ranjan, Aleksandar Kuzmanovic, and Antonio Nucci. Taming the mobile data deluge with drop zones. *IEEE/ACM Transactions on Networking*, 20(4):1010–1023, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tickoo:2008:MQC

[TS08] Omesh Tickoo and Biplab Sikdar. Modeling queueing and channel access delay in unsaturated IEEE 802.11 random access MAC based wireless networks. *IEEE/ACM Transactions on Networking*, 16(4):878–891, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Turkcu:2009:PON

[TS09] Onur Turkcu and Suresh Subramaniam. Performance of optical networks with limited reconfigurability. *IEEE/ACM Transactions on Networking*, 17(6): 2002–2013, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Turkcu:2014:OWW

[TS14] Onur Turkcu and Suresh Subramaniam. Optimal wavebanding in WDM ring networks. *IEEE/ACM Transactions on Networking*, 22(1):179–190, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Teixeira:2008:IHP

[TSGR08] Renata Teixeira, Aman Shaikh, Timothy G. Griffin, and Jennifer Rexford. Impact of hot-potato routing changes in IP networks. *IEEE/ACM Transactions on Networking*, 16(6):1295–1307, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tapparello:2014:DCT

[TSR14] Cristiano Tapparello, Osvaldo Simeone, and Michele Rossi. Dynamic compression-transmission for energy-harvesting multihop networks with correlated sources. *IEEE/ACM Transactions on Networking*, 22(6):1729–1741, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2014:RDB

[TSS14] Jian Tan, Swapna, and Shroff. Retransmission delays with bounded packets: Power-law body and exponential tail. *IEEE/ACM Transactions on Networking*, 22(1):27–38, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Taylor:2007:CPC

[TT07] David E. Taylor and Jonathan S. Turner. ClassBench: a packet classification benchmark. *IEEE/ACM Transactions on Networking*, 15(3):499–511, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tabatabaee:2009:MCN

[TT09] Vahid Tabatabaee and Leandros Tassiulas. MNCM: a critical node matching approach to scheduling for input buffered switches with no speedup. *IEEE/ACM Transactions on Networking*, 17(1):294–304,

February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Turner:2009:SPG

[Tur09] Jonathan S. Turner. Strong performance guarantees for asynchronous buffered crossbar scheduler. *IEEE/ACM Transactions on Networking*, 17(4):1017–1028, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tajer:2010:MDG

[TW10] Ali Tajer and Xiaodong Wang. Multiuser diversity gain in cognitive networks. *IEEE/ACM Transactions on Networking*, 18 (6):1766–1779, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tapolcai:2011:NAF

[TWHR11] János Tapolcai, Bin Wu, Pin-Han Ho, and Lajos Rónyai. A novel approach for failure localization in all-optical mesh networks. *IEEE/ACM Transactions on Networking*, 19(1):275–285, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tang:2004:UCT

[TWL04] Ao Tang, Jiantao Wang, and Steven H. Low. Understanding CHOKe: throughput and spatial characteristics. *IEEE/ACM Transactions on Networking*, 12 (4):694–707, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Trappe:2005:RAC

[TWL05] Wade Trappe, Yuke Wang, and K. J. Ray Liu. Resource-aware conference key establishment for heterogeneous networks. *IEEE/ACM Transactions on Networking*, 13(1):134–146, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tang:2006:CIT

[TWL06] Ao Tang, Jiantao Wang, and Steven H. Low. Counter-intuitive throughput behaviors in networks under end-to-end control. *IEEE/ACM Transactions on Networking*, 14(2):355–368, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tang:2007:EHC

[TWLC07] Ao Tang, Jiantao Wang, Steven H. Low, and Mung Chiang. Equilibrium of het-

erogeneous congestion control: existence and uniqueness. *IEEE/ACM Transactions on Networking*, 15 (4):824–837, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tang:2010:EHC

[TWLC10] Ao Tang, Xiaoliang Wei, Steven H. Low, and Mung Chiang. Equilibrium of heterogeneous congestion control: optimality and stability. *IEEE/ACM Transactions on Networking*, 18(3): 844–857, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tang:2008:OLC

[TX08] Xueyan Tang and Jianliang Xu. Optimizing lifetime for continuous data aggregation with precision guarantees in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 16 (4):904–917, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2012:EDF

[TXL+12] Rui Tan, Guoliang Xing, Benyuan Liu, Jianping Wang, and Xiaohua Jia. Exploiting data fusion to improve the coverage of wireless sensor networks. *IEEE/ACM Transactions on Networking*, 20(2):450–462, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tan:2016:TAU

[TYJ16] Guang Tan, Zhimeng Yin, and Hongbo Jiang. Trap array: a unified model for scalability evaluation of geometric routing. *IEEE/ACM Transactions on Networking*, 24(1):328–341, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

To:1994:MIE

[TYL94] Philip P. To, Tak-Shing P. Yum, and Yiu-Wing Leung. Multistar implementation of expandable shufflenets. *IEEE/ACM Transactions on Networking*, 2(4):345–351, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p345-to/`.

Tsai:2009:VCB

[TYLH09] Ming-Jer Tsai, Hong-Yen Yang, Bing-Hong Liu, and Wen-Qian Huang. Virtual-coordinate-based delivery-guaranteed routing protocol in wireless sensor networks. *IEEE/ACM Transactions on Networking*,

17(4):1228–1241, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tytgat:2015:AEV

[TYP+15] Lieven Tytgat, Opher Yaron, Sofie Pollin, Ingrid Moerman, and Piet Demeester. Analysis and experimental verification of frequency-based interference avoidance mechanisms in IEEE 802.15.4. *IEEE/ACM Transactions on Networking*, 23(2):369–382, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Thejaswi:2010:DOS

[TZP+10] P. S. Chandrashekhar Thejaswi, Junshan Zhang, Man-On Pun, H. Vincent Poor, and Dong Zheng. Distributed opportunistic scheduling with two-level probing. *IEEE/ACM Transactions on Networking*, 18(5):1464–1477, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Teng:2014:ELI

[TZZ+14] Jin Teng, Boying Zhang, Junda Zhu, Xinfeng Li, Dong Xuan, and Yuan F. Zheng. EV-Loc: integrating electronic and visual signals for accurate localization. *IEEE/ACM Transactions on Networking*, 22(4):1285–1296, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Uysal-Biyikoglu:2002:EEP

[UBPE02] Elif Uysal-Biyikoglu, Balaji Prabhakar, and Abbas El Gamal. Energy-efficient packet transmission over a wireless link. *IEEE/ACM Transactions on Networking*, 10(4):487–499, August 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Urgaonkar:2011:NCR

[UN11] Rahul Urgaonkar and Michael J. Neely. Network capacity region and minimum energy function for a delay-tolerant mobile ad hoc network. *IEEE/ACM Transactions on Networking*, 19(4):1137–1150, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Uddin:2014:JRM

[URZ+14] Md. Forkan Uddin, Catherine Rosenberg, Weihua Zhuang, Patrick Mitran, and Andre Girard. Joint routing and medium access control in fixed random access wireless multihop networks. *IEEE/ACM Transactions on Networking*, 22

(1):80–93, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ural:1993:OLT

[UZ93] Hasan Ural and Keqin Zhu. Optimal length test sequence generation using distinguishing sequences. *IEEE/ACM Transactions on Networking*, 1(3):358–371, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p358-ural/`.

Vuran:2006:SCB

[VA06] Mehmet C. Vuran and Ian F. Akyildiz. Spatial correlation-based collaborative medium access control in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 14 (2):316–329, April 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vuran:2007:MAM

[VA07] Mehmet C. Vuran and Ian F. Akyildiz. A-MAC: adaptive medium access control for next generation wireless terminals. *IEEE/ACM Transactions on Networking*, 15(3):574–587, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vuran:2009:ECW

[VA09] Mehmet C. Vuran and Ian F. Akyildiz. Error control in wireless sensor networks: a cross layer analysis. *IEEE/ACM Transactions on Networking*, 17(4): 1186–1199, August 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vasudevan:2013:EAN

[VAGT13] Sudarshan Vasudevan, Micah Adler, Dennis Goeckel, and Don Towsley. Efficient algorithms for neighbor discovery in wireless networks. *IEEE/ACM Transactions on Networking*, 21(1):69–83, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Valaee:2001:REW

[Val01] Shahrokh Valaee. A recursive estimator of worst-case burstiness. *IEEE/ACM Transactions on Networking*, 9(2):211–222, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-2/p211-valaee/p211-valaee.pdf`; `http://www.acm.org/pubs/citations/`

journals/ton/2001-9-2/p211-valaee/.

Valente:2007:EGS

[Val07] Paolo Valente. Exact GPS simulation and optimal fair scheduling with logarithmic complexity. *IEEE/ACM Transactions on Networking*, 15(6):1454–1466, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Veloso:2006:HCL

[VAM+06] Eveline Veloso, Virgílio Almeida, Wagner Meira, Jr., Azer Bestavros, and Shudong Jin. A hierarchical characterization of a live streaming media workload. *IEEE/ACM Transactions on Networking*, 14(1): 133–146, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vickers:2000:SAM

[VAS00] Brett J. Vickers, Célio Albuquerque, and Tatsuya Suda. Source-adaptive multilayered multicast algorithms for real-time video distribution. *IEEE/ACM Transactions on Networking*, 8(6):720–733, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p720-vickers/p720-vickers.pdf; http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p720-vickers/.

Varvarigos:1994:PHR

[VB94] Emmanouel A. Varvarigos and Dimitri P. Bertsekas. Performance of hypercube routing schemes with or without buffering. *IEEE/ACM Transactions on Networking*, 2(3):299–311, June 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1994-2-3/p299-varvarigos/.

Venkataraman:2012:QVQ

[VC12] Mukundan Venkataraman and Mainak Chatterjee. Quantifying video-QoE degradations of Internet links. *IEEE/ACM Transactions on Networking*, 20 (2):396–407, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Venkataraman:2014:EIP

[VC14] Mukundan Venkataraman and Mainak Chatterjee. Effects of Internet path selection on video-QoE: analysis and improvements. *IEEE/ACM Transactions on Networking*, 22(3):689–702, June 2014. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vissicchio:2015:IRP

[VCD15] Stefano Vissicchio, Luca Cittadini, and Giuseppe Di Battista. On iBGP routing policies. *IEEE/ACM Transactions on Networking*, 23(1):227–240, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vlajic:2004:PAD

[VCM04] Natalija Vlajic, Charalambos D. Charalambous, and Dimitrios Makrakis. Performance aspects of data broadcast in wireless networks with user retrials. *IEEE/ACM Transactions on Networking*, 12(4):620–633, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

vanDoorn:1993:BPL

[vDP93] Erik A. van Doorn and Frans J. M. Panken. Blocking probabilities in a loss system with arrivals in geometrically distributed batches and heterogeneous service requirements. *IEEE/ACM Transactions on Networking*, 1(6):664–667, December 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-6/p664-van_doorn/`.

Varvello:2011:ESL

[VFBD11] Matteo Varvello, Stefano Ferrari, Ernst Biersack, and Christophe Diot. Exploring second life. *IEEE/ACM Transactions on Networking*, 19(1):80–91, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Varsamopoulos:2004:DAR

[VG04] Georgios Varsamopoulos and Sandeep K. S. Gupta. Dynamically adapting registration areas to user mobility and call patterns for efficient location management in PCS networks. *IEEE/ACM Transactions on Networking*, 12(5):837–850, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Valaee:2005:ERP

[VG05] Shahrokh Valaee and Jean-Charles Grégoire. An estimator of regulator parameters in a stochastic setting. *IEEE/ACM Transactions on Networking*, 13(6):1376–1389, December 2005. CODEN IEANEP. ISSN

1063-6692 (print), 1558-2566 (electronic).

Vojnovic:2008:RWA

[VG08] Milan Vojnovic and Ayalvadi J. Ganesh. On the race of worms, alerts, and patches. *IEEE/ACM Transactions on Networking*, 16(5):1066–1079, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vojnovic:2010:SSE

[VGKG10] Milan Vojnović, Varun Gupta, Thomas Karagiannis, and Christos Gkantsidis. Sampling strategies for epidemic-style information dissemination. *IEEE/ACM Transactions on Networking*, 18(4):1013–1025, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vaze:2014:DPA

[VGP14] Rahul Vaze, Rachit Garg, and Neetish Pathak. Dynamic power allocation for maximizing throughput in energy-harvesting communication system. *IEEE/ACM Transactions on Networking*, 22(5):1621–1630, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vargas:1996:SPL

[VHNPM96] Cesar Vargas, Manjunath V. Hegde, Morteza Naraghi-Pour, and Paul S. Min. Shadow prices for LLR and ALBA. *IEEE/ACM Transactions on Networking*, 4(5):796–807, October 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-5/p796-vargas/`.

VanMieghem:2001:EM

[VHvdH01] Piet Van Mieghem, Gerard Hooghiemstra, and Remco van der Hofstad. On the efficiency of multicast. *IEEE/ACM Transactions on Networking*, 9(6):719–732, December 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

VanDeVen:2014:BEH

[VJV14] P. M. Van De Ven, Augustus J. E. M. Janssen, and J. S. H. Van Leeuwaarden. Balancing exposed and hidden nodes in linear wireless networks. *IEEE/ACM Transactions on Networking*, 22(5):1429–1443, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

VanMieghem:2004:CEQ

[VK04] Piet Van Mieghem and Fernando A. Kuipers. Concepts of exact QoS routing algorithms. *IEEE/ACM Transactions on Networking*, 12(5):851–864, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Varghese:1997:HHT

[VL97] George Varghese and Anthony Lauck. Hashed and hierarchical timing wheels: efficient data structures for implementing a timer facility. *IEEE/ACM Transactions on Networking*, 5(6):824–834, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p824-varghese/`.

Varvarigos:1999:VCD

[VL99] Emmanouel A. Varvarigos and Jonathan P. Lang. A virtual circuit deflection protocol. *IEEE/ACM Transactions on Networking*, 7(3):335–349, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p335-varvarigos/`.

Vojnovic:2005:LRB

[VL05] Milan Vojnović and Jean-Yves Le Boudec. On the long-run behavior of equation-based rate control. *IEEE/ACM Transactions on Networking*, 13(3):568–581, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Venkataramanan:2010:WSA

[VL10] V. J. Venkataramanan and Xiaojun Lin. On wireless scheduling algorithms for minimizing the queue-overflow probability. *IEEE/ACM Transactions on Networking*, 18(3):788–801, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vyavahare:2016:OEF

[VLM16] Pooja Vyavahare, Nutan Limaye, and D. Manjunath. Optimal embedding of functions for in-network computation: Complexity analysis and algorithms. *IEEE/ACM Transactions on Networking*, 24(4):2019–2032, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

VanMeter:2009:SDL

[VLMN09] Rodney Van Meter, Thaddeus D. Ladd, W. J.

Munro, and Kae Nemoto. System design for a long-line quantum repeater. *IEEE/ACM Transactions on Networking*, 17(3):1002–1013, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Varadarajan:2002:ESP

[VNS02] Srivatsan Varadarajan, Hung Q. Ngo, and Jaideep Srivastava. Error spreading: a perception-driven approach to handling error in continuous media streaming. *IEEE/ACM Transactions on Networking*, 10(1):139–152, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Voice:2007:SMP

[Voi07] Thomas Voice. Stability of multi-path dual congestion control algorithms. *IEEE/ACM Transactions on Networking*, 15(6):1231–1239, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

VanMieghem:2009:VSN

[VOK09] Piet Van Mieghem, Jasmina Omic, and Robert Kooij. Virus spread in networks. *IEEE/ACM Transactions on Networking*, 17 (1):1–14, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vehel:2013:LDM

[VR13] Jacques Lévy Véhel and Michal Rams. Large deviation multifractal analysis of a class of additive processes with correlated nonstationary increments. *IEEE/ACM Transactions on Networking*, 21(4):1309–1321, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Veitch:2009:RSA

[VRK09] Darryl Veitch, Julien Ridoux, and Satish Babu Korada. Robust synchronization of absolute and difference clocks over networks. *IEEE/ACM Transactions on Networking*, 17 (2):417–430, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

vonRickenbach:2009:AMI

[vRWZ09] Pascal von Rickenbach, Roger Wattenhofer, and Aaron Zollinger. Algorithmic models of interference in wireless ad hoc and sensor networks. *IEEE/ACM Transactions on Networking*, 17(1):172–185, February 2009. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Varvarigos:1997:RVC

[VS97] Emmanouel A. Varvarigos and Vishal Sharma. The ready-to-go virtual circuit protocol: a loss-free protocol for multi-gigabit networks using FIFO buffers. *IEEE/ACM Transactions on Networking*, 5(5):705–718, October 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-5/p705-varvarigos/`.

Vishwanath:2011:ALP

[VSR11] Arun Vishwanath, Vijay Sivaraman, and George N. Rouskas. Anomalous loss performance for mixed real-time and TCP traffic in routers with very small buffers. *IEEE/ACM Transactions on Networking*, 19 (4):933–946, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Venkitasubramaniam:2012:GTA

[VT12] Parv Venkitasubramaniam and Lang Tong. A game-theoretic approach to anonymous networking. *IEEE/ACM Transactions on Networking*, 20(3):892–905, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vishwanath:2009:SRR

[VV09] Kashi Venkatesh Vishwanath and Amin Vahdat. Swing: realistic and responsive network traffic generation. *IEEE/ACM Transactions on Networking*, 17(3):712–725, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vanbever:2012:LML

[VVP+12] Laurent Vanbever, Stefano Vissicchio, Cristel Pelsser, Pierre Francois, and Olivier Bonaventure. Lossless migrations of link-state IGPs. *IEEE/ACM Transactions on Networking*, 20(6):1842–1855, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vissicchio:2013:INA

[VVP+13] Stefano Vissicchio, Laurent Vanbever, Cristel Pelsser, Luca Cittadini, Pierre Francois, and Olivier Bonaventure. Improving network agility with seamless BGP reconfigurations. *IEEE/ACM Transactions on Networking*, 21(3):990–1002, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

VanMieghem:2009:OPN

[VW09] Piet Van Mieghem and Huijuan Wang. The observable part of a network. *IEEE/ACM Transactions on Networking*, 17 (1):93–105, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Vadrevu:2014:DSP

[VWT+14] Chaitanya S. K. Vadrevu, Rui Wang, Massimo Tornatore, Charles U. Martel, and Biswanath Mukherjee. Degraded service provisioning in mixed-line-rate WDM backbone networks using multipath routing. *IEEE/ACM Transactions on Networking*, 22(3):840–849, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2011:SCM

[WA11] Pu Wang and Ian F. Akyildiz. Spatial correlation and mobility-aware traffic modeling for wireless sensor networks. *IEEE/ACM Transactions on Networking*, 19(6):1860–1873, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2004:WBT

[Wan04] Xudong Wang. Wideband TD-CDMA MAC with minimum-power allocation and rate- and BER-scheduling for wireless multimedia networks. *IEEE/ACM Transactions on Networking*, 12(1):103–116, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2011:PCO

[WB11] Peng Wang and Stephan Bohacek. Practical computation of optimal schedules in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 19 (2):305–318, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2005:IEP

[WBEGS05] Haining Wang, Abhijit Bose, Mohamed El-Gendy, and Kang G. Shin. IP Easy-pass: a light-weight network-edge resource access control. *IEEE/ACM Transactions on Networking*, 13(6):1247–1260, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2011:LTP

[WBP+11] Ruhai Wang, Scott C. Burleigh, Paavan Parikh, Che-Jen Lin, and Bo Sun. Licklider transmission protocol (LTP)-based DTN for

cislunar communications. *IEEE/ACM Transactions on Networking*, 19(2):359–368, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2008:IGA

[WC08] Chen-Shu Wang and Ching-Ter Chang. Integrated genetic algorithm and goal programming for network topology design problem with multiple objectives and multiple criteria. *IEEE/ACM Transactions on Networking*, 16(3):680–690, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Widmer:2015:EIN

[WCAB15] Joerg Widmer, Andrea Capalbo, Antonio Fernández Anta, and Albert Banchs. Efficient interlayer network codes for fair layered multicast streaming. *IEEE/ACM Transactions on Networking*, 23(4):1107–1120, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2014:OAP

[WCC14] Shan-Hung Wu, Ming-Syan Chen, and Chung-Min Chen. Optimally adaptive power-saving protocols for ad hoc networks using the hyper quorum system. *IEEE/ACM Transactions on Networking*, 22(1):1–15, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ward:1995:DLC

[WCH95] Christopher Ward, Cheong H. Choi, and Thomas F. Hain. A data link control protocol for LEO satellite networks providing a reliable datagram service. *IEEE/ACM Transactions on Networking*, 3(1):91–103, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p91-ward/`.

Wong:2000:ARC

[WCY00] Eric W. M. Wong, Andy K. M. Chan, and Tak-Shing Peter Yum. Analysis of rerouting in circuit-switched networks. *IEEE/ACM Transactions on Networking*, 8(3):419–427, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-3/p419-wong/`.

Wan:2004:MPM

[WCY04] Peng-Jun Wan, Gruia Cãlinescu, and Chih-Wei

Yi. Minimum-power multicast routing in static ad hoc wireless networks. *IEEE/ACM Transactions on Networking*, 12(3):507–514, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Weber:2005:RAM

[WD05] Steven Weber and Gustavo De Veciana. Rate adaptive multimedia streams: optimization and admission control. *IEEE/ACM Transactions on Networking*, 13(6):1275–1288, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2015:DPL

[WDCL15] Jiliang Wang, Wei Dong, Zhichao Cao, and Yunhao Liu. On the delay performance in a large-scale wireless sensor network: measurement, analysis, and implications. *IEEE/ACM Transactions on Networking*, 23(1):186–197, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wallach:1997:AAH

[WEK97] Deborah A. Wallach, Dawson R. Engler, and M. Frans Kaashoek. ASHs: application-specific handlers for high-performance messaging. *IEEE/ACM Transactions on Networking*, 5(4):460–474, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p460-wallach/`.

Wang:1993:EEC

[WF93a] Qinglin Wang and Victor S. Frost. Efficient estimation of cell blocking probability for ATM systems. *IEEE/ACM Transactions on Networking*, 1(2):230–235, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p230-wang/`.

Woodside:1993:ASA

[WF93b] C. Murray Woodside and R. Greg Franks. Alternative software architectures for parallel protocol execution with synchronous IPC. *IEEE/ACM Transactions on Networking*, 1(2):178–186, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p178-woodside/`.

Wu:2013:IIC

[WFGZ13] Haitao Wu, Zhenqian Feng, Chuanxiong Guo, and Yongguang Zhang. ICTCP: incast congestion control for TCP in data-center networks. *IEEE/ACM Transactions on Networking*, 21 (2):345–358, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2012:MPH

[WFH12] Xinbing Wang, Luoyi Fu, and Chenhui Hu. Multicast performance with hierarchical cooperation. *IEEE/ACM Transactions on Networking*, 20(3):917–930, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2009:OSW

[WFS09] Yan Wu, Sonia Fahmy, and Ness B. Shroff. Optimal sleep/wake scheduling for time-synchronized sensor networks with QoS guarantees. *IEEE/ACM Transactions on Networking*, 17(5): 1508–1521, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wong:2000:SGC

[WGL00] Chung Kei Wong, Mohamed Gouda, and Simon S. Lam. Secure group communications using key graphs. *IEEE/ACM Transactions on Networking*, 8(1):16–30, February 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-1/p16-wong/`.

Weller:1997:SNT

[WH97] Timothy Weller and Bruce Hajek. Scheduling nonuniform traffic in a packet-switching system with small propagation delay. *IEEE/ACM Transactions on Networking*, 5(6):813–823, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p813-weller/`.

Wang:2011:BBT

[WH11] Shao-Cheng Wang and Ahmed Helmy. BEWARE: background traffic-aware rate adaptation for IEEE 802.11. *IEEE/ACM Transactions on Networking*, 19(4):1164–1177, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2013:ECI

[WHM+13] Yin Wang, Yuan He, Xufei Mao, Yunhao Liu, and

Xiang-Yang Li. Exploiting constructive interference for scalable flooding in wireless networks. *IEEE/ACM Transactions on Networking*, 21(6):1880–1889, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2015:TPP

[WHTC15] Fan Wu, Qianyi Huang, Yixin Tao, and Guihai Chen. Towards privacy preservation in strategy-proof spectrum auction mechanisms for noncooperative wireless networks. *IEEE/ACM Transactions on Networking*, 23(4):1271–1285, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2011:DCT

[WHW+11] Xinbing Wang, Wentao Huang, Shangxing Wang, Jinbei Zhang, and Chenhui Hu. Delay and capacity tradeoff analysis for motioncast. *IEEE/ACM Transactions on Networking*, 19(5):1354–1367, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Williamson:1996:DBA

[Wil96] Carey L. Williamson. Dynamic bandwidth allocation using loss-load curves. *IEEE/ACM Transactions on Networking*, 4(6):829–839, December 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-6/p829-williamson/`.

Wu:2006:UNC

[WJK06] Yunnan Wu, Kamal Jain, and Sun-Yuan Kung. A unification of network coding and tree-packing (routing) theorems. *IEEE/ACM Transactions on Networking*, 14(SI):2398–2409, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wei:2012:ITP

[WJK+12] Wei Wei, Sharad Jaiswal, Jim Kurose, Don Towsley, Kyoungwon Suh, and Bing Wang. Identifying 802.11 traffic from passive measurements using iterative Bayesian inference. *IEEE/ACM Transactions on Networking*, 20(2):325–338, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wei:2006:FTM

[WJLH06] David X. Wei, Cheng Jin, Steven H. Low, and Sanjay Hegde. FAST TCP:

motivation, architecture, algorithms, performance. *IEEE/ACM Transactions on Networking*, 14(6):1246–1259, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2007:DAS

[WJS07] Haining Wang, Cheng Jin, and Kang G. Shin. Defense against spoofed IP traffic using hop-count filtering. *IEEE/ACM Transactions on Networking*, 15 (1):40–53, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2016:SEG

[WJYL16] Chen Wang, Hongbo Jiang, Tianlong Yu, and John C. S. Lui. SLICE: Enabling greedy routing in high genus 3-D WSNs with general topologies. *IEEE/ACM Transactions on Networking*, 24(4):2472–2484, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2012:FFA

[WJZ+12] Anduo Wang, Limin Jia, Wenchao Zhou, Yiqing Ren, Boon Thau Loo, Jennifer Rexford, Vivek Nigam, Andre Scedrov, and Carolyn Talcott. FSR: formal analysis and implementation toolkit for safe interdomain routing. *IEEE/ACM Transactions on Networking*, 20(6):1814–1827, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Woo:2013:EIM

[WK13] Shinuk Woo and Hwangnam Kim. An empirical interference modeling for link reliability assessment in wireless networks. *IEEE/ACM Transactions on Networking*, 21(1):272–285, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2013:CQF

[WKA+13] Wei Wang, Donghyun Kim, Min Kyung An, Wei Gao, Xianyue Li, Zhao Zhang, and Weili Wu. On construction of quality fault-tolerant virtual backbone in wireless networks. *IEEE/ACM Transactions on Networking*, 21(5):1499–1510, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2016:VBF

[WKWV16] Chih-Yu Wang, Chun-Han Ko, Hung-Yu Wei, and Athanasios V. Vasilakos. A voting-based femtocell downlink cell-

breathing control mechanism. *IEEE/ACM Transactions on Networking*, 24 (1):85–98, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wrege:1996:DDB

[WKZL96] Dallas E. Wrege, Edward W. Knightly, Hui Zhang, and Jörg Liebeherr. Deterministic delay bounds for VBR video in packet-switching networks: fundamental limits and practical trade-offs. *IEEE/ACM Transactions on Networking*, 4(3):352–362, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p352-wrege/`.

Wong:1999:DSF

[WL99] Chung Kei Wong and Simon S. Lam. Digital signatures for flows and multicasts. *IEEE/ACM Transactions on Networking*, 7(4):502–513, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p502-wong/`.

Wang:2007:LBP

[WL07] Xiaoming Wang and Dmitri Loguinov. Load-balancing performance of consistent hashing: asymptotic analysis of random node join. *IEEE/ACM Transactions on Networking*, 15(4):892–905, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2008:EDB

[WL08] Dongmei Wang and Guangzhi Li. Efficient distributed bandwidth management for MPLS fast reroute. *IEEE/ACM Transactions on Networking*, 16(2):486–495, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2010:UMI

[WL10] Xiaoming Wang and Dmitri Loguinov. Understanding and modeling the Internet topology: economics and evolution perspective. *IEEE/ACM Transactions on Networking*, 18(1):257–270, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2016:LHS

[WL16] Qingsi Wang and Mingyan Liu. Learning in hide-and-seek. *IEEE/ACM Transactions on Networking*, 24

(2):1279–1292, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2010:TZD

[WLC+10] Lanjia Wang, Zhichun Li, Yan Chen, Zhi Fu, and Xing Li. Thwarting zero-day polymorphic worms with network-level length-based signature generation. *IEEE/ACM Transactions on Networking*, 18(1):53–66, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wong:2016:ESR

[WLC16] Felix Ming Fai Wong, Zhenming Liu, and Mung Chiang. On the efficiency of social recommender networks. *IEEE/ACM Transactions on Networking*, 24(4):2512–2524, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2007:PIT

[WLCC07] Pi-Chung Wang, Chun-Liang Lee, Chia-Tai Chan, and Hung-Yi Chang. Performance improvement of two-dimensional packet classification by filter rephrasing. *IEEE/ACM Transactions on Networking*, 15 (4):906–917, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2016:MTC

[WLCW16] Feng Wang, Jiangchuan Liu, Minghua Chen, and Haiyang Wang. Migration towards cloud-assisted live media streaming. *IEEE/ACM Transactions on Networking*, 24(1):272–282, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wong:2001:SCP

[WLL01] Vincent W. S. Wong, Mark E. Lewis, and Victor C. M. Leung. Stochastic control of path optimization for inter-switch handoffs in wireless ATM networks. *IEEE/ACM Transactions on Networking*, 9 (3):336–350, June 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2011:CBL

[WLL+11] Xiaoping Wang, Jun Luo, Yunhao Liu, Shanshan Li, and Dezun Dong. Component-based localization in sparse wireless networks. *IEEE/ACM Transactions on Networking*, 19 (2):540–548, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2013:MRG

[WLL13] Xiaoming Wang, Xiaoyong Li, and Dmitri Loguinov. Modeling residual-geometric flow sampling. *IEEE/ACM Transactions on Networking*, 21(4):1090–1103, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2005:CLO

[WLLD05] Jiantao Wang, Lun Li, Steven H. Low, and John C. Doyle. Cross-layer optimization in TCP/IP networks. *IEEE/ACM Transactions on Networking*, 13(3):582–595, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2016:ALS

[WLLZ16] Huasen Wu, Xiaojun Lin, Xin Liu, and Youguang Zhang. Application-level scheduling with probabilistic deadline constraints. *IEEE/ACM Transactions on Networking*, 24(3):1504–1517, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2010:MAM

[WLR10] Di Wu, Yong Liu, and Keith W. Ross. Modeling and analysis of multichannel P2P live video systems. *IEEE/ACM Transactions on Networking*, 18(4):1248–1260, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Willebeek-LeMair:1997:ADM

[WLS97] Marc Willebeek-LeMair and Perwez Shahabuddin. Approximating dependability measures of computer networks: an FDDI case study. *IEEE/ACM Transactions on Networking*, 5(2):311–327, April 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-2/p311-willebeek-lemair/`.

Wang:2013:MIC

[WLWL13] Xinbing Wang, Xiaojun Lin, Qingsi Wang, and Wentao Luan. Mobility increases the connectivity of wireless networks. *IEEE/ACM Transactions on Networking*, 21(2):440–454, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2011:DSP

[WLZ11] Chuan Wu, Baochun Li, and Shuqiao Zhao. On dynamic server provisioning in multichannel P2P live streaming. *IEEE/*

ACM Transactions on Networking, 19(5):1317–1330, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:1995:BAS

[WM95] Guo-Liang Wu and Jon W. Mark. A buffer allocation scheme for ATM networks: complete sharing based on virtual partition. *IEEE/ACM Transactions on Networking*, 3(6):660–670, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p660-wu/`.

Wu:1996:CMP

[WM96] Guo-Liang Wu and Jon W. Mark. Computational methods for performance evaluation of a statistical multiplexer supporting bursty traffic. *IEEE/ACM Transactions on Networking*, 4(3):386–397, June 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-3/p386-wu/`.

Wang:2016:ANC

[WM16] Xudong Wang and Wenguang Mao. Analog network coding without restrictions on superimposed frames. *IEEE/ACM Transactions on Networking*, 24 (2):788–805, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2010:CML

[WMFS10] Yan Wu, Zhoujia Mao, Sonia Fahmy, and Ness B. Shroff. Constructing maximum-lifetime data gathering forests in sensor networks. *IEEE/ACM Transactions on Networking*, 18(5):1571–1584, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2009:OEE

[WMS09] Wei Wang, Mehul Motani, and Vikram Srinivasan. Opportunistic energy-efficient contact probing in delay-tolerant applications. *IEEE/ACM Transactions on Networking*, 17(5):1592–1605, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Won:2016:PAA

[WMYR16] Jongho Won, Chris Y. T. Ma, David K. Y. Yau, and Nageswara S. V. Rao. Privacy-assured aggregation protocol for smart metering: a proactive fault-

tolerant approach. *IEEE/ACM Transactions on Networking*, 24(3):1661–1674, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wei:2016:PAW

[WN16] Xiaohan Wei and Michael J. Neely. Power-aware wireless file downloading: a Lyapunov indexing approach to a constrained restless bandit problem. *IEEE/ACM Transactions on Networking*, 24(4):2264–2277, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wolf:2013:HPC

[WNV13] Tilman Wolf, Sriram Natarajan, and Kamlesh T. Vasudevan. High-performance capabilities for 1-hop containment of network attacks. *IEEE/ACM Transactions on Networking*, 21 (6):1931–1946, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2006:AOF

[WPL06] Wei-Hua Wang, Marimuthu Palaniswami, and Steven H. Low. Application-oriented flow control: fundamentals, algorithms and fairness. *IEEE/ACM Transactions on Networking*, 14(6): 1282–1291, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2006:WAM

[WQC06] Jianping Wang, Xiangtong Qi, and Biao Chen. Wavelength assignment for multicast in all-optical WDM networks with splitting constraints. *IEEE/ACM Transactions on Networking*, 14(1):169–182, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2009:UTI

[WQGW09] Feng Wang, Jian Qiu, Lixin Gao, and Jia Wang. On understanding transient interdomain routing failures. *IEEE/ACM Transactions on Networking*, 17(3):740–751, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2013:FTR

[WQZ+13] Qianhong Wu, Bo Qin, Lei Zhang, Josep Domingo-Ferrer, and Jesús A. Manjón. Fast transmission to remote cooperative groups: a new key management paradigm. *IEEE/ACM Transactions on Networking*, 21(2):621–633, April 2013. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Wood:2015:CDP

[WRS+15] Timothy Wood, K. K. Ramakrishnan, Prashant Shenoy, Jacobus Van Der Merwe, Jinho Hwang, Guyue Liu, and Lucas Chaufournier. CloudNet: dynamic pooling of cloud resources by live WAN migration of virtual machines. *IEEE/ACM Transactions on Networking*, 23(5):1568–1583, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:1993:FDM

[WS93] Clark Wang and Mischa Schwartz. Fault detection with multiple observers. *IEEE/ACM Transactions on Networking*, 1(1):48–55, February 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-1/p48-wang/`.

Wu:2005:CTA

[WS05] Tao Wu and Arun K. Somani. Cross-talk attack monitoring and localization in all-optical networks. *IEEE/ACM Transactions on Networking*, 13(6):1390–1401, December 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2006:PNR

[WS06] Xin Wang and Henning Schulzrinne. Pricing network resources for adaptive applications. *IEEE/ACM Transactions on Networking*, 14(3):506–519, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2008:CAS

[WS08] Tao Wu and David Starobinski. A comparative analysis of server selection in content replication networks. *IEEE/ACM Transactions on Networking*, 16(6):1461–1474, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2008:ELW

[WSC08] Wei Wang, Vikram Srinivasan, and Kee-Chaing Chua. Extending the lifetime of wireless sensor networks through mobile relays. *IEEE/ACM Transactions on Networking*, 16(5):1108–1120, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2008:MAL

[WSKV08] Xin Wang, Henning Schulzrinne, Dilip Kandlur, and Dinesh Verma. Measurement and

analysis of LDAP performance. *IEEE/ACM Transactions on Networking*, 16(1):232–243, February 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Watson:2004:PSN

[WSMJ04] David Watson, Matthew Smart, G. Robert Malan, and Farnam Jahanian. Protocol scrubbing: network security through transparent flow modification. *IEEE/ACM Transactions on Networking*, 12(2):261–273, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2012:DRA

[WSW12] Wei Wang, Kang G. Shin, and Wenbo Wang. Distributed resource allocation based on queue balancing in multihop cognitive radio networks. *IEEE/ACM Transactions on Networking*, 20(3):837–850, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Tcha:1997:NLB

[wTjCjC97] Dong wan Tcha, Yong joo Chung, and Taek jin Choi. A new lower bound for the frequency assignment problem. *IEEE/ACM Transactions on Networking*, 5(1):34–39, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p34-tcha/`.

Wu:2013:FSD

[WTS+13] Xinzhou Wu, Saurabha Tavildar, Sanjay Shakkottai, Tom Richardson, Junyi Li, Rajiv Laroia, and Aleksandar Jovicic. FlashLinQ: a synchronous distributed scheduler for peer-to-peer ad hoc networks. *IEEE/ACM Transactions on Networking*, 21(4):1215–1228, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Willinger:1997:STH

[WTSW97] Walter Willinger, Murad S. Taqqu, Robert Sherman, and Daniel V. Wilson. Self-similarity through high-variability: statistical analysis of Ethernet LAN traffic at the source level. *IEEE/ACM Transactions on Networking*, 5(1):71–86, February 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-1/p71-willinger/`.

Wang:2011:CSR

[WTXT11] Meng Wang, Chee Wei Tan, Weiyu Xu, and Ao Tang. Cost of not splitting in routing: characterization and estimation. *IEEE/ACM Transactions on Networking*, 19(6): 1849–1859, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:1994:PPS

[Wu94] Tsong-Ho Wu. A passive protected self-healing mesh network architecture and applications. *IEEE/ACM Transactions on Networking*, 2(1):40–52, February 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-1/p40-wu/`.

Wang:2012:CLA

[WVG12] Yunbo Wang, Mehmet C. Vuran, and Steve Goddard. Cross-layer analysis of the end-to-end delay distribution in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 20(1):305–318, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wildman:2016:CLP

[WW16] Jeffrey Wildman and Steven Weber. On characterizing the local pooling factor of greedy maximal scheduling in random graphs. *IEEE/ACM Transactions on Networking*, 24(4):2086–2099, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2002:DCA

[WWL02] Si Wu, K. Y. Michael Wong, and Bo Li. A dynamic call admission policy with precision QoS guarantee using stochastic control for mobile wireless networks. *IEEE/ACM Transactions on Networking*, 10 (2):257–271, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2015:SSM

[WWL+15] Yu Wu, Chuan Wu, Bo Li, Linquan Zhang, Zongpeng Li, and Francis C. M. Lau. Scaling social media applications into geo-distributed clouds. *IEEE/ACM Transactions on Networking*, 23 (3):689–702, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2005:NSC

[WWT05] Hongyi Wu, Chong Wang, and Nian-Feng Tzeng.

Novel self-configurable positioning technique for multihop wireless networks. *IEEE/ACM Transactions on Networking*, 13(3):609–621, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wei:2011:MBI

[WWTK11] Wei Wei, Bing Wang, Don Towsley, and Jim Kurose. Model-based identification of dominant congested links. *IEEE/ACM Transactions on Networking*, 19(2):456–469, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2004:PAD

[WXBZ04] Shengquan Wang, Dong Xuan, Riccardo Bettati, and Wei Zhao. Providing absolute differentiated services for real-time applications in static-priority scheduling networks. *IEEE/ACM Transactions on Networking*, 12 (2):326–339, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wei:2016:FNC

[WXC16] Rihua Wei, Yang Xu, and H. Jonathan Chao. Finding nonequivalent classifiers in Boolean space to reduce TCAM usage. *IEEE/ACM Transactions on Networking*, 24(2):968–981, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2013:EDS

[WXR13] Miao Wang, Lisong Xu, and Byrav Ramamurthy. Exploring the design space of multichannel peer-to-peer live video streaming systems. *IEEE/ACM Transactions on Networking*, 21(1):162–175, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2011:DIF

[WXW11] Zhenyu Wu, Mengjun Xie, and Haining Wang. Design and implementation of a fast dynamic packet filter. *IEEE/ACM Transactions on Networking*, 19(5): 1405–1419, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2015:WHS

[WXW15] Zhenyu Wu, Zhang Xu, and Haining Wang. Whispers in the hyper-space: high-bandwidth and reliable covert channel attacks inside the cloud. *IEEE/ACM Transactions on Networking*, 23(2):603–614, April 2015. CODEN IEANEP.

ISSN 1063-6692 (print), 1558-2566 (electronic).

Wong:1995:DAN

[WY95] P. C. Wong and M. S. Yeung. Design and analysis of a novel fast packet switch: pipeline Banyan. *IEEE/ACM Transactions on Networking*, 3(1):63–69, February 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-1/p63-wong/`.

Wan:2006:CRD

[WY06] Peng-Jun Wan and Chih-Wei Yi. Coverage by randomly deployed wireless sensor networks. *IEEE/ACM Transactions on Networking*, 14(SI):2658–2669, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2010:IFC

[WYH10] Bin Wu, Kwan L. Yeung, and Pin-Han Ho. ILP formulations for p-cycle design without candidate cycle enumeration. *IEEE/ACM Transactions on Networking*, 18(1):284–295, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2009:MIS

[WYHL09] Bin Wu, Kwan L. Yeung, Mounir Hamdi, and Xin Li. Minimizing internal speedup for performance guaranteed switches with optical fabrics. *IEEE/ACM Transactions on Networking*, 17(2):632–645, April 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2009:RBE

[WYL09] Xiaoming Wang, Zhongmei Yao, and Dmitri Loguinov. Residual-based estimation of peer and link lifetimes in P2P networks. *IEEE/ACM Transactions on Networking*, 17(3):726–739, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wu:2013:FAA

[WZL+13] Huasen Wu, Chenxi Zhu, Richard J. La, Xin Liu, and Youguang Zhang. FASA: accelerated S-ALOHA using access history for event-driven M2M communications. *IEEE/ACM Transactions on Networking*, 21 (6):1904–1917, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2012:DBS

[WZLX12] Hao Wang, Haiquan Zhao, Bill Lin, and Jun Xu.

DRAM-based statistics counter array architecture with performance guarantee. *IEEE/ACM Transactions on Networking*, 20(4): 1040–1053, August 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Walters:2008:FMA

[WZR08] Aaron Walters, David Zage, and Cristina Nita Rotaru. A framework for mitigating attacks against measurement-based adaptation mechanisms in unstructured multicast overlay networks. *IEEE/ACM Transactions on Networking*, 16(6):1434–1446, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Wang:2016:MSM

[WZY+16] Weina Wang, Kai Zhu, Lei Ying, Jian Tan, and Li Zhang. MapTask scheduling in MapReduce with data locality: throughput and heavy-traffic optimality. *IEEE/ACM Transactions on Networking*, 24(1):190–203, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2012:RRW

[XAST12] Weiyao Xiao, Sachin Agarwal, David Starobinski, and Ari Trachtenberg. Reliable rateless wireless broadcasting with near-zero feedback. *IEEE/ACM Transactions on Networking*, 20(6): 1924–1937, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2007:ANS

[XB07] Jin Xiao and Raouf Boutaba. Assessing network service profitability: modeling from market science perspective. *IEEE/ACM Transactions on Networking*, 15(6):1307–1320, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2014:ROU

[XB14] Jin Xiao and Raouf Boutaba. Reconciling the overlay and underlay tussle. *IEEE/ACM Transactions on Networking*, 22(5):1489–1502, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xing:2008:SLS

[XC08] Yiping Xing and R. Chandramouli. Stochastic learning solution for distributed discrete power control game in wireless data networks. *IEEE/ACM Transactions on Networking*, 16

(4):932–944, August 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2011:LSR

[XCR11] Dahai Xu, Mung Chiang, and Jennifer Rexford. Link-state routing with hop-by-hop forwarding can achieve optimal traffic engineering. *IEEE/ACM Transactions on Networking*, 19(6): 1717–1730, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See corrections [XCR15].

Xu:2015:CLS

[XCR15] Dahai Xu, Mung Chiang, and Jennifer Rexford. Corrections to "Link-state routing with hop-by-hop forwarding can achieve optimal traffic engineering". *IEEE/ACM Transactions on Networking*, 23(5):1702–1703, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [XCR11].

Xu:2006:CAF

[XCX+06] Dahai Xu, Yang Chen, Yizhi Xiong, Chunming Qiao, and Xin He. On the complexity of and algorithms for finding the shortest path with a disjoint counterpart. *IEEE/ACM Transactions on Networking*, 14(1):147–158, February 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xue:2013:DGC

[XE13] Dongyue Xue and Eylem Ekici. Delay-guaranteed cross-layer scheduling in multihop wireless networks. *IEEE/ACM Transactions on Networking*, 21(6):1696–1707, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2006:ILR

[XFS06] Feng Xie, Gang Feng, and Chee Kheong Siew. The impact of loss recovery on congestion control for reliable multicast. *IEEE/ACM Transactions on Networking*, 14(6):1323–1335, December 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2005:IQV

[XG05] Ying Xu and Roch Guérin. Individual QoS versus aggregate QoS: a loss performance study. *IEEE/ACM Transactions on Networking*, 13(2):370–383, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xue:2014:PTA

[XGF+14] Guoliang Xue, Ravi Gottapu, Xi Fang, Dejun Yang, and Krishnaiyan Thulasiraman. A polynomial-time algorithm for computing disjoint lightpath pairs in minimum isolated-failure-immune WDM optical networks. *IEEE/ACM Transactions on Networking*, 22 (2):470–483, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xia:2005:ABC

[XHK+05] Yong Xia, David Harrison, Shivkumar Kalyanaraman, Kishore Ramachandran, and Arvind Venkatesan. Accumulation-based congestion control. *IEEE/ACM Transactions on Networking*, 13(1):69–80, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2004:SSA

[XHN04] Feng Xie, Joseph L. Hammond, and Daniel L. Noneaker. Steady-state analysis of a split-connection scheme for Internet access through a wireless terminal. *IEEE/ACM Transactions on Networking*, 12 (3):515–525, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xin:2007:BAD

[Xin07] Chunsheng Xin. Blocking analysis of dynamic traffic grooming in mesh WDM optical networks. *IEEE/ACM Transactions on Networking*, 15(3):721–733, June 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2006:PLA

[XK06a] Liang-Liang Xie and P. R. Kumar. On the path-loss attenuation regime for positive cost and linear scaling of transport capacity in wireless networks. *IEEE/ACM Transactions on Networking*, 14 (SI):2313–2328, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xue:2006:ICL

[XK06b] Feng Xue and P. R. Kumar. On the θ-coverage and connectivity of large random networks. *IEEE/ACM Transactions on Networking*, 14(SI):2289–2299, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:1995:DGV

[XL95] Geoffrey G. Xie and Simon S. Lam. Delay guarantee of virtual

clock server. *IEEE/ACM Transactions on Networking*, 3(6):683–689, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p683-xie/.

Xie:1998:RBT

[XL98] Geoffrey G. Xie and Simon S. Lam. Real-time block transfer under a link-sharing hierarchy. *IEEE/ACM Transactions on Networking*, 6(1):30–41, February 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-1/p30-xie/.

Xiao:1999:AAW

[XL99] Gaoxi Xiao and Yiu-Wing Leung. Algorithms for allocating wavelength converters in all-optical networks. *IEEE/ACM Transactions on Networking*, 7(4):545–557, August 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1999-7-4/p545-xiao/.

Xu:2005:FTB

[XL05] Jun Xu and Richard J. Lipton. On fundamental tradeoffs between delay bounds and computational complexity in packet scheduling algorithms. *IEEE/ACM Transactions on Networking*, 13(1):15–28, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2011:TST

[XL11a] Ping Xu and Xiang-Yang Li. TOFU: semi-truthful online frequency allocation mechanism for wireless network. *IEEE/ACM Transactions on Networking*, 19 (2):433–446, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xuan:2011:NCM

[XL11b] Yuanzhe Xuan and Chin-Tau Lea. Network-coding multicast networks with QoS guarantees. *IEEE/ACM Transactions on Networking*, 19(1):265–274, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiang:2016:JLC

[XLAC16] Yu Xiang, Tian Lan, Vaneet Aggarwal, and Yih-Farn R. Chen. Joint latency and cost optimization for erasure-coded data center storage. *IEEE/ACM Transactions on Net-*

working, 24(4):2443–2457, August 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiang:2013:CDA

[XLR13] Liu Xiang, Jun Luo, and Catherine Rosenberg. Compressed data aggregation: energy-efficient and high-fidelity data collection. *IEEE/ACM Transactions on Networking*, 21(6): 1722–1735, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2012:ESP

[XLWT12] XiaoHua Xu, Xiang-Yang Li, Peng-Jun Wan, and ShaoJie Tang. Efficient scheduling for periodic aggregation queries in multihop sensor networks. *IEEE/ACM Transactions on Networking*, 20(3):690–698, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2014:HTM

[XLZC14] Yang Xu, Zhaobo Liu, Zhuoyuan Zhang, and H. Jonathan Chao. High-throughput and memory-efficient multimatch packet classification based on distributed and pipelined hash tables. *IEEE/ACM Transactions on Networking*, 22 (3):982–995, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiong:1999:RSS

[XM99] Yijun Xiong and Lorne G. Mason. Restoration strategies and spare capacity requirements in self-healing ATM networks. *IEEE/ACM Transactions on Networking*, 7(1):98–110, February 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-1/p98-xiong/`.

Xue:2015:CAD

[XME15] Dongyue Xue, Robert Murawski, and Eylem Ekici. Capacity achieving distributed scheduling with finite buffers. *IEEE/ACM Transactions on Networking*, 23(2):519–532, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2001:DAC

[XSC01] Mingbo Xiao, Ness B. Shroff, and Edwin K. P. Chong. Distributed admission control for power-controlled cellular wireless systems. *IEEE/ACM Transactions on Networking*, 9(6):790–800, December 2001. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2003:UBP

[XSC03] Mingbo Xiao, Ness B. Shroff, and Edwin K. P. Chong. A utility-based power-control scheme in wireless cellular systems. *IEEE/ACM Transactions on Networking*, 11(2):210–221, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2015:MNW

[XSH+15] Liguang Xie, Yi Shi, Y. Thomas Hou, Wenjing Lou, Hanif D. Sherali, and Scott F. Midkiff. Multi-node wireless energy charging in sensor networks. *IEEE/ACM Transactions on Networking*, 23(2):437–450, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2012:MSN

[XSHS12] Liguang Xie, Yi Shi, Y. Thomas Hou, and Hanif D. Sherali. Making sensor networks immortal: an energy-renewal approach with wireless power transfer. *IEEE/ACM Transactions on Networking*, 20(6):1748–1761, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xia:2008:OMB

[XSSK08] Yong Xia, Lakshminarayanan Subramanian, Ion Stoica, and Shivkumar Kalyanaraman. One more bit is enough. *IEEE/ACM Transactions on Networking*, 16(6):1281–1294, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xue:2007:FPS

[XSZ+07] Guoliang Xue, Arunabha Sen, Weiyi Zhang, Jian Tang, and Krishnaiya Thulasiraman. Finding a path subject to many additive QoS constraints. *IEEE/ACM Transactions on Networking*, 15(1):201–211, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xia:2011:RAP

[XTMM11] Ming Xia, Massimo Tornatore, Charles U. Martel, and Biswanath Mukherjee. Risk-aware provisioning for optical WDM mesh networks. *IEEE/ACM Transactions on Networking*, 19 (3):921–931, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2011:LIP

[XW11] Yi Xu and Wenye Wang. The limit of information propagation speed in large-scale multihop wireless networks. *IEEE/ACM Transactions on Networking*, 19(1):209–222, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2014:BAI

[XWG14] Kuai Xu, Feng Wang, and Lin Gu. Behavior analysis of Internet traffic via bipartite graphs and one-mode projections. *IEEE/ACM Transactions on Networking*, 22(3):931–942, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2016:CRR

[XWWC16] Kun Xie, Xin Wang, Jigang Wen, and Jiannong Cao. Cooperative routing with relay assignment in multi-radio multihop wireless networks. *IEEE/ACM Transactions on Networking*, 24 (2):859–872, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xiao:2014:ILW

[XXBC14] Qingjun Xiao, Bin Xiao, Kai Bu, and Jiannong Cao. Iterative localization of wireless sensor networks: an accurate and robust approach. *IEEE/ACM Transactions on Networking*, 22 (2):608–621, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2009:LSH

[XY09a] Yi Xie and Shun-Zheng Yu. A large-scale hidden semi-Markov model for anomaly detection on user browsing behaviors. *IEEE/ACM Transactions on Networking*, 17(1):54–65, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xie:2009:MAL

[XY09b] Yi Xie and Shun-Zheng Yu. Monitoring the application-layer DDoS attacks for popular websites. *IEEE/ACM Transactions on Networking*, 17(1):15–25, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xi:2010:DAM

[XY10a] Yufang Xi and Edmund M. Yeh. Distributed algorithms for minimum cost multicast with network coding. *IEEE/ACM Transactions on Networking*, 18 (2):379–392, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xi:2010:TOD

[XY10b] Yufang Xi and Edmund M. Yeh. Throughput optimal distributed power control of stochastic wireless networks. *IEEE/ACM Transactions on Networking*, 18(4):1054–1066, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2014:VTE

[XYLL14] Yang Xu, Chenguang Yu, Jingjiang Li, and Yong Liu. Video telephony for end-consumers: measurement study of Google+, iChat and Skype. *IEEE/ACM Transactions on Networking*, 22(3):826–839, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xu:2008:ITB

[XZB08] Kuai Xu, Zhi-Li Zhang, and Supratik Bhattacharyya. Internet traffic behavior profiling for network security monitoring. *IEEE/ACM Transactions on Networking*, 16(6):1241–1252, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Xue:2008:PTA

[XZTT08] Guoliang Xue, Weiyi Zhang, Jian Tang, and Krishnaiyan Thulasiraman. Polynomial time approximation algorithms for multi-constrained QoS routing. *IEEE/ACM Transactions on Networking*, 16(3):656–669, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ye:2009:OSP

[YAA09] Zhenzhen Ye, Alhussein A. Abouzeid, and Jing Ai. Optimal stochastic policies for distributed data aggregation in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 17(5):1494–1507, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yazdanpanah:2015:DNC

[YASS15] Mina Yazdanpanah, Chadi Assi, Samir Sebbah, and Yousef Shayan. Does network coding combined with interference cancellation bring any gain to a wireless network? *IEEE/ACM Transactions on Networking*, 23(5):1485–1500, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yan:2012:GRG

[YBG+12] He Yan, Lee Breslau, Zihui Ge, Dan Massey, Dan

Pei, and Jennifer Yates. G-RCA: a generic root cause analysis platform for service quality management in large IP networks. *IEEE/ACM Transactions on Networking*, 20(6):1734–1747, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yun:2010:ODP

[YBX+10] Ziqiu Yun, Xiaole Bai, Dong Xuan, Ten H. Lai, and Weijia Jia. Optimal deployment patterns for full coverage and k-connectivity ($k <= 6$) wireless sensor networks. *IEEE/ACM Transactions on Networking*, 18(3):934–947, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yun:2012:PMW

[YBX+12] Ziqiu Yun, Xiaole Bai, Dong Xuan, Weijia Jia, and Wei Zhao. Pattern mutation in wireless sensor deployment. *IEEE/ACM Transactions on Networking*, 20(6):1964–1977, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yun:2012:SLO

[YC12] Sungho Yun and Constantine Caramanis. System-level optimization in wireless networks: managing interference and uncertainty via robust optimization. *IEEE/ACM Transactions on Networking*, 20(2):339–352, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2007:NNI

[YCB07] Xiaowei Yang, David Clark, and Arthur W. Berger. NIRA: a new inter-domain routing architecture. *IEEE/ACM Transactions on Networking*, 15(4):775–788, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2009:CSL

[YCL09] Chao-Lin Yu, Cheng-Shang Chang, and Duan-Shin Lee. CR switch: a load-balanced switch with contention and reservation. *IEEE/ACM Transactions on Networking*, 17(5):1659–1671, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yao:2015:UPL

[YCL15] Zhongmei Yao, Daren B. H. Cline, and Dmitri Loguinov. Unstructured P2P link lifetimes redux. *IEEE/ACM Transactions on Networking*, 23(3):755–

767, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yuan:2011:PTP

[YCM11] Lihua Yuan, Chen-Nee Chuah, and Prasant Mohapatra. ProgME: towards programmable network measurement. *IEEE/ACM Transactions on Networking*, 19(1):115–128, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yao:2015:EEE

[YCV15] Yanjun Yao, Qing Cao, and Athanasios V. Vasilakos. EDAL: an energy-efficient, delay-aware, and lifetime-balancing data collection protocol for heterogeneous wireless sensor networks. *IEEE/ACM Transactions on Networking*, 23(3):810–823, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2004:EBN

[YD04] Shanchieh Jay Yang and Gustavo De Veciana. Enhancing both network and user performance for networks supporting best effort traffic. *IEEE/ACM Transactions on Networking*, 12(2):349–360, April 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2007:IMC

[YD07] Xiangying Yang and Gustavo De Veciana. Inducing multiscale clustering using multistage MAC contention in CDMA ad hoc networks. *IEEE/ACM Transactions on Networking*, 15(6):1387–1400, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yi:2006:TSD

[YDS06a] Yung Yi, Supratim Deb, and Sanjay Shakkottai. Time-scale decomposition and equivalent rate-based marking. *IEEE/ACM Transactions on Networking*, 14(5):938–950, October 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ying:2006:GSI

[YDS06b] Lei Ying, Geir E. Dullerud, and R. Srikant. Global stability of Internet congestion controllers with heterogeneous delays. *IEEE/ACM Transactions on Networking*, 14(3):579–591, 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yi:2010:MSL

[YDS10] Yung Yi, Gustavo De Veciana, and Sanjay Shakkottai. MAC scheduling with low overheads by learning neighborhood contention patterns. *IEEE/ACM Transactions on Networking*, 18(5):1637–1650, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Younis:2005:FSL

[YF05] Ossama Younis and Sonia Fahmy. FlowMate: scalable on-line flow clustering. *IEEE/ACM Transactions on Networking*, 13 (2):288–301, April 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yan:2002:QAM

[YFB02] Shuqian Yan, Michalis Faloutsos, and Anindo Banerjea. QoS-aware multicast routing for the Internet: the design and evaluation of QoSMIC. *IEEE/ACM Transactions on Networking*, 10(1):54–66, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2010:DRF

[YG10] Zhen Yu and Yong Guan. A dynamic en-route filtering scheme for data reporting in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 18(1):150–163, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yin:2010:SLO

[YGC10] Changchuan Yin, Long Gao, and Shuguang Cui. Scaling laws for overlaid wireless networks: a cognitive radio network versus a primary network. *IEEE/ACM Transactions on Networking*, 18(4):1317–1329, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2010:SNO

[YGKX10] Haifeng Yu, Phillip B. Gibbons, Michael Kaminsky, and Feng Xiao. SybilLimit: a near-optimal social network defense against Sybil attacks. *IEEE/ACM Transactions on Networking*, 18(3):885–898, June 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ye:2004:MAC

[YHE04] Wei Ye, John Heidemann, and Deborah Estrin. Medium access control with coordinated adaptive sleeping for wireless sensor networks. *IEEE/ACM Trans-*

actions on Networking, 12 (3):493–506, June 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2015:NCC

[YJ15] Chao Yang and Scott Jordan. A novel coordinated connection access control and resource allocation framework for 4G wireless networks. *IEEE/ACM Transactions on Networking*, 23(4):1328–1341, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yousefizadeh:2005:LMM

[YJH05] Homayoun Yousefi'zadeh, Hamid Jafarkhani, and Amir Habibi. Layered media multicast control (LMMC): rate allocation and partitioning. *IEEE/ACM Transactions on Networking*, 13(3):540–553, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2015:DIS

[YJZW15] Yang Yang, Miao Jin, Yao Zhao, and Hongyi Wu. Distributed information storage and retrieval in 3-D sensor networks with general topologies. *IEEE/ACM Transactions on Networking*, 23(4):1149–1162, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2008:SDA

[YKGF08] Haifeng Yu, Michael Kaminsky, Phillip B. Gibbons, and Abraham D. Flaxman. SybilGuard: defending against sybil attacks via social networks. *IEEE/ACM Transactions on Networking*, 16(3):576–589, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Young:2013:TPC

[YKGK13] Maxwell Young, Aniket Kate, Ian Goldberg, and Martin Karsten. Towards practical communication in Byzantine-resistant DHTs. *IEEE/ACM Transactions on Networking*, 21(1):190–203, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ye:2008:LSN

[YKKY08] Tao Ye, Hema T. Kaur, Shivkumar Kalyanaraman, and Murat Yuksel. Large-scale network parameter configuration using an online simulation framework. *IEEE/ACM Transactions on Networking*, 16(4):777–790, August 2008. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Younis:2011:RRO

[YKR11] Ossama Mohamed Younis, Marwan M. Krunz, and Srinivasan Ramasubramanian. ROC: resilient online coverage for surveillance applications. *IEEE/ACM Transactions on Networking*, 19(1):251–264, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2013:PBD

[YKZ+13] Lei Yang, Hongseok Kim, Junshan Zhang, Mung Chiang, and Chee Wei Tan. Pricing-based decentralized spectrum access control in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 21(2):522–535, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yau:1997:ARS

[YL97] David K. Y. Yau and Simon S. Lam. Adaptive rate-controlled scheduling for multimedia applications. *IEEE/ACM Transactions on Networking*, 5(4):475–488, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p475-yau/`.

Yau:1998:MSS

[YL98] David K. Y. Yau and Simon S. Lam. Migrating sockets — end system support for networking with quality of service guarantees. *IEEE/ACM Transactions on Networking*, 6(6):700–716, December 1998. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1998-6-6/p700-yau/`.

Yang:2016:RTV

[YL16] Hongkun Yang and Simon S. Lam. Real-time verification of network properties using atomic predicates. *IEEE/ACM Transactions on Networking*, 24 (2):887–900, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yoon:2011:FCS

[YLCP11] MyungKeun Yoon, Tao Li, Shigang Chen, and Jih-Kwon Peir. Fit a compact spread estimator in small high-speed memory. *IEEE/ACM Transactions on Networking*, 19(5):1253–1264, October 2011. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Ye:2015:ABN

[YLH15] Tong Ye, Tony T. Lee, and Weisheng Hu. AWG-based non-blocking Clos networks. *IEEE/ACM Transactions on Networking*, 23(2):491–504, April 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2010:BTL

[YLL10] Zheng Yang, Yunhao Liu, and Xiang-Yang Li. Beyond trilateration: on the localizability of wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 18(6):1806–1814, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yau:2005:DAD

[YLLY05] David K. Y. Yau, John C. S. Lui, Feng Liang, and Yeung Yam. Defending against distributed denial-of-service attacks with max-min fair server-centric router throttles. *IEEE/ACM Transactions on Networking*, 13(1):29–42, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yuen:2005:PBR

[YM05] Clement Yuen and Peter Marbach. Price-based rate control in random access networks. *IEEE/ACM Transactions on Networking*, 13(5):1027–1040, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2008:MBA

[YMKC08] Xunqi Yu, James W. Modestino, Ragip Kurceren, and Yee Sin Chan. A model-based approach to evaluation of the efficacy of FEC coding in combating network packet losses. *IEEE/ACM Transactions on Networking*, 16(3):628–641, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yener:1997:IAO

[YMO97] Bülent Yener, Spyridon Matsoukas, and Yoram Ofek. Iterative approach to optimizing convergence routing priorities. *IEEE/ACM Transactions on Networking*, 5(4):530–542, August 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-4/p530-yener/`.

Yaiche:2000:GTF

[YMR00] Haïkel Yaïche, Ravi R. Mazumdar, and Catherine Rosenberg. A game theoretic framework for bandwidth allocation and pricing in broadband networks. *IEEE/ACM Transactions on Networking*, 8 (5):667–678, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p667-yaiche/`.

Yuan:2009:ORF

[YNDM09] Xin Yuan, Wickus Nienaber, Zhenhai Duan, and Rami Melhem. Oblivious routing in fat-tree based system area networks with uncertain traffic demands. *IEEE/ACM Transactions on Networking*, 17(5):1439–1452, October 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yener:1997:CDC

[YOY97] Bülent Yener, Yoram Ofek, and Moti Yung. Combinatorial design of congestion-free networks. *IEEE/ACM Transactions on Networking*, 5(6):989–1000, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p989-yener/`.

Yeom:2001:MTB

[YR01] Ikjun Yeom and A. L. Narasimha Reddy. Modeling TCP behavior in a differentiated services network. *IEEE/ACM Transactions on Networking*, 9(1):31–46, 2001. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2001-9-1/p31-yeom/p31-yeom.pdf; http://www.acm.org/pubs/citations/journals/ton/2001-9-1/p31-yeom/`.

Yallouz:2016:TSS

[YRO16] Jose Yallouz, Ori Rottenstreich, and Ariel Orda. Tunable survivable spanning trees. *IEEE/ACM Transactions on Networking*, 24(3):1853–1866, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yadav:2012:DAG

[YRRR12] Sandeep Yadav, Ashwath Kumar Krishna Reddy, A. L. Narasimha Reddy, and Supranamaya Ranjan. Detecting algorithmically generated domain-flux attacks with DNS traffic analysis. *IEEE/ACM Transactions on Networking*, 20(5): 1663–1677, October 2012.

CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yaron:1993:PSC

[YS93] Opher Yaron and Moshe Sidi. Performance and stability of communication networks via robust exponential bounds. *IEEE/ACM Transactions on Networking*, 1(3):372–385, June 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-3/p372-yaron/`.

Yi:2007:HHC

[YS07] Yung Yi and Sanjay Shakkottai. Hop-by-hop congestion control over a wireless multi-hop network. *IEEE/ACM Transactions on Networking*, 15(1):133–144, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2015:TRC

[YS15] Yang Yang and Ness B. Shroff. Throughput of rateless codes over broadcast erasure channels. *IEEE/ACM Transactions on Networking*, 23(1):126–137, February 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yao:2014:NCR

[YSJL14] Hongyi Yao, Danilo Silva, Sidharth Jaggi, and Michael Langberg. Network codes resilient to jamming and eavesdropping. *IEEE/ACM Transactions on Networking*, 22(6):1978–1987, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2014:TCA

[YSL+14] Peng Yang, Juan Shao, Wen Luo, Lisong Xu, Jitender Deogun, and Ying Lu. TCP congestion avoidance algorithm identification. *IEEE/ACM Transactions on Networking*, 22(4):1311–1324, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ying:2011:CSP

[YSRL11] Lei Ying, Sanjay Shakkottai, Aneesh Reddy, and Shihuan Liu. On combining shortest-path and back-pressure routing over multihop wireless networks. *IEEE/ACM Transactions on Networking*, 19(3):841–854, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Ying:2011:CBB

[YSTL11] Lei Ying, R. Srikant, Don Towsley, and Shihuan

Liu. Cluster-based backpressure routing algorithm. *IEEE/ACM Transactions on Networking*, 19(6):1773–1786, December 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2015:DAS

[YSZL15] Lei Yang, Yalin E. Sagduyu, Junshan Zhang, and Jason H. Li. Deadline-aware scheduling with adaptive network coding for real-time traffic. *IEEE/ACM Transactions on Networking*, 23(5):1430–1443, October 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2005:QPG

[YTJQ05] Xiang Yu, Ian Li-Jin Thng, Yuming Jiang, and Chunming Qiao. Queueing processes in GPS and PGPS with LRD traffic inputs. *IEEE/ACM Transactions on Networking*, 13(3):676–689, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2012:LEN

[YTL12] Minlan Yu, Marina Thottan, and Li Li. Latency equalization as a new network service primitive. *IEEE/ACM Transactions on Networking*, 20(1):125–138, February 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yuan:2002:HAM

[Yua02] Xin Yuan. Heuristic algorithms for multiconstrained quality-of-service routing. *IEEE/ACM Transactions on Networking*, 10(2):244–256, April 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yin:2007:BAA

[YW07] Heng Yin and Haining Wang. Building an application-aware IPsec policy system. *IEEE/ACM Transactions on Networking*, 15(6):1502–1513, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2011:FFI

[YW11] Zhipeng Yang and Hongyi Wu. FINDERS: a featherlight information network with delay-endurable RFID support. *IEEE/ACM Transactions on Networking*, 19(4):961–974, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2008:TLN

[YWA08] Xiaowei Yang, David Wetherall, and Thomas Anderson.

TVA: a DoS-limiting network architecture. *IEEE/ACM Transactions on Networking*, 16(6):1267–1280, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2007:DOC

[YWK07] Yaling Yang, Jun Wang, and Robin Kravets. Distributed optimal contention window control for elastic traffic in single-cell wireless LANs. *IEEE/ACM Transactions on Networking*, 15(6):1373–1386, December 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yao:2009:NIM

[YWLL09] Zhongmei Yao, Xiaoming Wang, Derek Leonard, and Dmitri Loguinov. Node isolation model and age-based neighbor selection in unstructured P2P networks. *IEEE/ACM Transactions on Networking*, 17(1):144–157, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yun:2016:SAA

[YWZZ16] Xiaochun Yun, Yipeng Wang, Yongzheng Zhang, and Yu Zhou. A semantics-aware approach to the automated network protocol identification. *IEEE/ACM Transactions on Networking*, 24(1):583–595, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2013:GTA

[YXF+13] Dejun Yang, Guoliang Xue, Xi Fang, Satyajayant Misra, and Jin Zhang. A game-theoretic approach to stable routing in max-min fair networks. *IEEE/ACM Transactions on Networking*, 21(6):1947–1959, December 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yang:2016:IMC

[YXFT16] Dejun Yang, Guoliang Xue, Xi Fang, and Jian Tang. Incentive mechanisms for crowdsensing: crowdsourcing with smartphones. *IEEE/ACM Transactions on Networking*, 24(3):1732–1744, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yeung:1998:NPO

[YY98] Kwan Lawrence Yeung and Tak-Shing Peter Yum. Node placement optimization in ShuffleNets. *IEEE/ACM Transactions on Networking*, 6(3):319–324, June 1998. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1998-6-3/p319-yeung/.

Yan:2006:OBM

[YYZ06] Xijin Yan, Jun Yang, and Zhen Zhang. An outer bound for multisource multisink network coding with minimum cost consideration. *IEEE/ACM Transactions on Networking*, 14 (SI):2373–2385, June 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yu:2010:PMS

[YZ10] Ming Yu and Mengchu Zhou. A performance modeling scheme for multistage switch networks with phase-type and bursty traffic. *IEEE/ACM Transactions on Networking*, 18(4): 1091–1104, August 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yoon:2014:VMJ

[YZBR14] Jongwon Yoon, Honghai Zhang, Suman Banerjee, and Sampath Rangarajan. Video multicast with joint resource allocation and adaptive modulation and coding in 4G networks. *IEEE/ACM Transactions on Networking*, 22(5):1531–1544, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Yue:2014:UTI

[YZP+14] Hao Yue, Chi Zhang, Miao Pan, Yuguang Fang, and Shigang Chen. Unknown-target information collection in sensor-enabled RFID systems. *IEEE/ACM Transactions on Networking*, 22(4):1164–1175, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:1995:HWA

[ZA95] Zhensheng Zhang and Anthony S. Acampora. A heuristic wavelength assignment algorithm for multihop WDM networks with wavelength routing and wavelength re-use. *IEEE/ACM Transactions on Networking*, 3(3):281–288, June 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL http://www.acm.org/pubs/citations/journals/ton/1995-3-3/p281-zhang/.

Zhang:2011:SHW

[ZA11] Jingjing Zhang and Nirwan Ansari. Scheduling hybrid WDM/TDM passive optical networks with nonzero laser tuning time. *IEEE/*

ACM Transactions on Networking, 19(4):1014–1027, August 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:2000:ALA

[ZAFB00] Ellen W. Zegura, Mostafa H. Ammar, Zongming Fei, and Samrat Bhattacharjee. Application-layer anycasting: a server selection architecture and use in a replicated Web service. *IEEE/ACM Transactions on Networking*, 8 (4):455–466, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p455-zegura/`.

Zalesky:2009:BCS

[Zal09] Andrew Zalesky. To burst or circuit switch? *IEEE/ACM Transactions on Networking*, 17(1):305–318, February 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zappala:2004:APR

[Zap04] Daniel Zappala. Alternate path routing for multicast. *IEEE/ACM Transactions on Networking*, 12 (1):30–43, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zafer:2012:LGS

[ZAS12] Murtaza Zafer, Dakshi Agrawal, and Mudhakar Srivatsa. Limitations of generating a secret key using wireless fading under active adversary. *IEEE/ACM Transactions on Networking*, 20(5):1440–1451, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:1995:OSB

[ZB95] Sijing Zhang and Alan Burns. An optimal synchronous bandwidth allocation scheme for guaranteeing synchronous message deadlines with the timed-token MAC protocol. *IEEE/ACM Transactions on Networking*, 3(6): 729–741, December 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-6/p729-zhang/`.

Zhang:2016:EEI

[ZBA16] Zhi Zhang, Yigal Bejerano, and Spyridon Antonakopoulos. Energy-efficient IP core network configuration under general traffic demands. *IEEE/ACM Transactions on Network-*

ing, 24(2):745–758, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2013:EOS

[ZBXH13] Zhenghao Zhang, Steven Bronson, Jin Xie, and Wei Hu. Employing the one-sender-multiple-receiver technique in wireless LANs. *IEEE/ACM Transactions on Networking*, 21(4):1243–1255, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2009:TUE

[ZCB09] Yao Zhao, Yan Chen, and David Bindel. Towards unbiased end-to-end network diagnosis. *IEEE/ACM Transactions on Networking*, 17(6):1724–1737, December 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:1997:QCG

[ZCD97] Ellen W. Zegura, Kenneth L. Calvert, and Michael J. Donahoo. A quantitative comparison of graph-based models for Internet topology. *IEEE/ACM Transactions on Networking*, 5(6):770–783, December 1997. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1997-5-6/p770-zegura/`.

Zhang:2013:MLV

[ZCJ+13] Liang Zhang, Shigang Chen, Ying Jian, Yuguang Fang, and Zhen Mo. Maximizing lifetime vector in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 21(4):1187–1200, August 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2011:SMC

[ZCL11] Yipeng Zhou, Dah-Ming Chiu, and John C. S. Lui. A simple model for chunk-scheduling strategies in P2P streaming. *IEEE/ACM Transactions on Networking*, 19(1):42–54, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zohar:2014:PPB

[ZCM14] Eyal Zohar, Israel Cidon, and Osnat Mokryn. PACK: Prediction-based cloud bandwidth and cost reduction system. *IEEE/ACM Transactions on Networking*, 22(1):39–51, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2015:CCN

[ZCW15] Fan Zhang, Yewen Cao, and Deqiang Wang. Comments and corrections: a note on "Low-complexity distributed scheduling algorithms for wireless networks". *IEEE/ACM Transactions on Networking*, 23(4):1367–1369, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). See [GLS09].

Zhang:2015:RNT

[ZCX+15] Jun Zhang, Xiao Chen, Yang Xiang, Wanlei Zhou, and Jie Wu. Robust network traffic classification. *IEEE/ACM Transactions on Networking*, 23(4): 1257–1270, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2016:URC

[ZCY16] Ziling Zhou, Binbin Chen, and Haifeng Yu. Understanding RFID counting protocols. *IEEE/ACM Transactions on Networking*, 24(1):312–327, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2004:MEP

[ZDR04] Zhili Zhao, Swaroop Darbha, and A. L. Narasimha Reddy. A method for estimating the proportion of nonresponsive traffic at a router. *IEEE/ACM Transactions on Networking*, 12 (4):708–718, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:1995:EBP

[Zeg95] Ellen Witte Zegura. Evaluating blocking probability in generalized connectors. *IEEE/ACM Transactions on Networking*, 3(4):387–398, August 1995. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1995-3-4/p387-zegura/`.

Zegura:2003:Eb

[Zeg03a] Ellen Zegura. Editorial. *IEEE/ACM Transactions on Networking*, 11(6):869, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:2003:Ea

[Zeg03b] Ellen W. Zegura. Editorial. *IEEE/ACM Transactions on Networking*, 11(4): 513, August 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:2004:E

[Zeg04] Ellen Zegura. Editorial. *IEEE/ACM Transactions on Networking*, 12(1):1, February 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:2005:Ea

[Zeg05a] Ellen W. Zegura. Editorial. *IEEE/ACM Transactions on Networking*, 13(1): 1, February 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zegura:2005:Eb

[Zeg05b] Ellen W. Zegura. Editorial. *IEEE/ACM Transactions on Networking*, 13(3): 461, June 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2007:NBR

[ZEV07a] Yanping Zhao, Derek L. Eager, and Mary K. Vernon. Network bandwidth requirements for scalable on-demand streaming. *IEEE/ACM Transactions on Networking*, 15(4):878–891, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2007:SDS

[ZEV07b] Yanping Zhao, Derek L. Eager, and Mary K. Vernon. Scalable on-demand streaming of nonlinear media. *IEEE/ACM Transactions on Networking*, 15(5): 1149–1162, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zho:1996:IMC

[ZF96] Hongbo Zho and Victor S. Frost. In-service monitoring for cell loss quality of service violations in ATM networks. *IEEE/ACM Transactions on Networking*, 4(2):240–248, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-2/p240-zho/`.

Zhou:2013:RAP

[ZFC13] Yipeng Zhou, Tom Z. J. Fu, and Dah Ming Chiu. On replication algorithm in P2P VoD. *IEEE/ACM Transactions on Networking*, 21(1):233–243, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2015:UMA

[ZFC15] Yipeng Zhou, Tom Z. J. Fu, and Dah Ming Chiu. A unifying model and analysis of P2P VoD replication and scheduling. *IEEE/*

ACM Transactions on Networking, 23(4):1163–1175, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2014:AAS

[ZFW14] Jinbei Zhang, Luoyi Fu, and Xinbing Wang. Asymptotic analysis on secrecy capacity in large-scale wireless networks. *IEEE/ACM Transactions on Networking*, 22(1):66–79, February 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2008:LMC

[ZG08] Qun Zhao and Mohan Gurusamy. Lifetime maximization for connected target coverage in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 16(6):1378–1391, December 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2014:VFD

[ZG14] Lei Zhang and Dongning Guo. Virtual full duplex wireless broadcasting via compressed sensing. *IEEE/ACM Transactions on Networking*, 22(5):1659–1671, October 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2005:ILL

[ZGG05] Hui Zhang, Ashish Goel, and Ramesh Govindan. Improving lookup latency in distributed hash table systems using random sampling. *IEEE/ACM Transactions on Networking*, 13(5):1121–1134, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2010:PSR

[ZGS10] Si Qing Zheng, Ashwin Gumaste, and Hong Shen. A parallel self-routing rearrangeable non-blocking multi-$\log_2 N$ photonic switching network. *IEEE/ACM Transactions on Networking*, 18(2):529–539, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zou:2005:MED

[ZGTG05] Cliff C. Zou, Weibo Gong, Don Towsley, and Lixin Gao. The monitoring and early detection of Internet worms. *IEEE/ACM Transactions on Networking*, 13 (5):961–974, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2008:ACT

[ZH08a] Honghai Zhang and Jennifer C. Hou. Asymptotic

critical total power for k-connectivity of wireless networks. *IEEE/ACM Transactions on Networking*, 16 (2):347–358, April 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2008:AMT

[ZH08b] Honghai Zhang and Jennifer C. Hou. On the asymptotic minimum transporting energy and its implication on the wireless network capacity. *IEEE/ACM Transactions on Networking*, 16(5):1175–1187, October 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2016:DGO

[ZHC16] Yongmin Zhang, Shibo He, and Jiming Chen. Data gathering optimization by dynamic sensing and routing in rechargeable sensor networks. *IEEE/ACM Transactions on Networking*, 24(3):1632–1646, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2006:TBD

[ZHLL06] Kai Zheng, Chengchen Hu, Hongbin Lu, and Bin Liu. A TCAM-based distributed parallel IP lookup scheme and performance analysis. *IEEE/ACM Transactions on Networking*, 14(4):863–875, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhu:2012:RCC

[ZJ12] Yi Zhu and Jason P. Jue. Reliable collective communications with weighted SRLGs in optical networks. *IEEE/ACM Transactions on Networking*, 20(3):851–863, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2012:WMS

[ZJS+12] Honghai Zhang, Yuanxi Jiang, Karthik Sundaresan, Sampath Rangarajan, and Baohua Zhao. Wireless multicast scheduling with switched beamforming antennas. *IEEE/ACM Transactions on Networking*, 20(5):1595–1607, October 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zafer:2010:TPE

[ZKH10] Murtaza Zafer, Bong Jun Ko, and Ivan Wang-Hei Ho. Transmit power estimation using spatially diverse measurements under wireless fading. *IEEE/ACM Transactions on Networking*, 18(4):1171–1180, August 2010. CODEN

IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2007:DIS

[ZKL07] Yueping Zhang, Seong-Ryong Kang, and Dmitri Loguinov. Delay-independent stability and performance of distributed congestion control. *IEEE/ACM Transactions on Networking*, 15(4):838–851, August 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2011:OCA

[ZKL11] Xiaolan Joy Zhang, Sun-Il Kim, and Steven S. Lumetta. Opportunity cost analysis for dynamic wavelength routed mesh networks. *IEEE/ACM Transactions on Networking*, 19 (3):747–759, June 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhong:1993:CNS

[ZKO93] Wen De Zhong, Jaidev Kaniyil, and Y. Onozato. A copy network with shared buffers for large-scale multicast ATM switching. *IEEE/ACM Transactions on Networking*, 1(2):157–165, April 1993. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1993-1-2/p157-de_zhong/`.

Zeng:2014:ATP

[ZKVM14] Hongyi Zeng, Peyman Kazemian, George Varghese, and Nick McKeown. Automatic test packet generation. *IEEE/ACM Transactions on Networking*, 22(2):554–566, April 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zarikoff:2013:MPI

[ZL13a] Brad W. Zarikoff and Douglas J. Leith. Measuring pulsed interference in 802.11 links. *IEEE/ACM Transactions on Networking*, 21(2):509–521, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2013:FTS

[ZL13b] Yuanqing Zheng and Mo Li. Fast tag searching protocol for large-scale RFID systems. *IEEE/ACM Transactions on Networking*, 21 (3):924–934, June 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2014:TME

[ZL14] Yuanqing Zheng and Mo Li. Towards more efficient cardinality estimation for large-scale RFID systems. *IEEE/ACM Transactions*

on Networking, 22(6):1886–1896, December 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2015:PMP

[ZL15] Yuanqing Zheng and Mo Li. P-MTI: physical-layer missing tag identification via compressive sensing. *IEEE/ACM Transactions on Networking*, 23(4):1356–1366, August 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2016:DSA

[ZL16] Shizhen Zhao and Xiaojun Lin. Design of scheduling algorithms for end-to-end backlog minimization in wireless multi-hop networks under k-hop interference models. *IEEE/ACM Transactions on Networking*, 24(2):1265–1278, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2012:MFA

[ZLC12] Bridge Qiao Zhao, John C. S. Lui, and Dah-Ming Chiu. A mathematical framework for analyzing adaptive incentive protocols in P2P networks. *IEEE/ACM Transactions on Networking*, 20(2):367–380, April 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2003:PDS

[ZLLY03] X. Brian Zhang, Simon S. Lam, Dong-Young Lee, and Y. Richard Yang. Protocol design for scalable and reliable group rekeying. *IEEE/ACM Transactions on Networking*, 11(6):908–922, December 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2016:BFO

[ZLM16] Dong Zhao, Xiang-Yang Li, and Huadong Ma. Budget-feasible online incentive mechanisms for crowdsourcing tasks truthfully. *IEEE/ACM Transactions on Networking*, 24(2):647–661, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zarros:1996:ISR

[ZLS96] Panagiotis N. Zarros, Myung J. Lee, and Tarek N. Saadawi. Interparticipant synchronization in real-time multimedia conferencing using feedback. *IEEE/ACM Transactions on Networking*, 4(2):173–180, April 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/`

journals/ton/1996-4-2/p173-zarros/.

Zheng:2015:EPC

[ZLSK15] Zizhan Zheng, Zhixue Lu, Prasun Sinha, and Santosh Kumar. Ensuring predictable contact opportunity for scalable vehicular Internet access on the go. *IEEE/ACM Transactions on Networking*, 23(3): 768–781, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2016:SCS

[ZLW16] Can Zhao, Xiaojun Lin, and Chuan Wu. The streaming capacity of sparsely connected P2P systems with distributed control. *IEEE/ACM Transactions on Networking*, 24(1):58–71, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Znati:2004:NDA

[ZM04] Taieb F. Znati and Rami Melhem. Node delay assignment strategies to support end-to-end delay requirements in heterogeneous networks. *IEEE/ACM Transactions on Networking*, 12(5):879–892, October 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zafer:2009:CAE

[ZM09] Murtaza A. Zafer and Eytan Modiano. A calculus approach to energy-efficient data transmission with quality-of-service constraints. *IEEE/ACM Transactions on Networking*, 17(3):898–911, June 2009. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2013:BNC

[ZNK+13] Xiaolan Zhang, Giovanni Neglia, Jim Kurose, Don Towsley, and Haixiang Wang. Benefits of network coding for unicast application in disruption-tolerant networks. *IEEE/ACM Transactions on Networking*, 21(5):1407–1420, October 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2010:MBA

[ZNN+10] Bo Zhang, Tze Sing Eugene Ng, Animesh Nandi, Rudolf H. Riedi, Peter Druschel, and Guohui Wang. Measurement-based analysis, modeling, and synthesis of the Internet delay space. *IEEE/ACM Transactions on Networking*, 18(1):229–242, February 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2016:LCI

[ZNZT16] Huiyuan Zhang, Dung T. Nguyen, Huiling Zhang, and My T. Thai. Least cost influence maximization across multiple social networks. *IEEE/ACM Transactions on Networking*, 24(2):929–939, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zang:2003:PPR

[ZOM03] Hui Zang, Canhui Ou, and Biswanath Mukherjee. Path-protection routing and wavelength assignment (RWA) in WDM mesh networks under duct-layer constraints. *IEEE/ACM Transactions on Networking*, 11(2):248–258, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2011:EMC

[ZPCS11] Zhong Zhou, Zheng Peng, Jun-Hong Cui, and Zhijie Shi. Efficient multipath communication for time-critical applications in underwater acoustic sensor networks. *IEEE/ACM Transactions on Networking*, 19(1):28–41, February 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:1999:SAA

[ZQ99] Xijun Zhang and Chunming Qiao. On scheduling all-to-all personalized connections and cost-effective designs in WDM rings. *IEEE/ACM Transactions on Networking*, 7(3):435–445, June 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-3/p435-zhang/`.

Zhang:2000:ECA

[ZQ00] Xijun Zhang and Chunming Qiao. An effective and comprehensive approach for traffic grooming and wavelength assignment in SONET/WDM rings. *IEEE/ACM Transactions on Networking*, 8 (5):608–617, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-5/p608-zhang/`.

Zhao:2009:SPE

[ZR09] Suli Zhao and Dipankar Raychaudhuri. Scalability and performance evaluation of hierarchical hybrid wireless networks. *IEEE/ACM Transactions on Networking*, 17(5):1536–1549, October 2009. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Zhu:2006:PMT

[ZRK06] Jing Zhu, Sumit Roy, and Jae H. Kim. Performance modelling of TCP enhancements in terrestrial-satellite hybrid networks. *IEEE/ACM Transactions on Networking*, 14(4):753–766, August 2006. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2005:EPP

[ZRLD05] Yin Zhang, Matthew Roughan, Carsten Lund, and David L. Donoho. Estimating point-to-point and point-to-multipoint traffic matrices: an information-theoretic approach. *IEEE/ACM Transactions on Networking*, 13(5):947–960, October 2005. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhu:2000:PDA

[ZRP00] Yuhong Zhu, George N. Rouskas, and Harry G. Perros. A path decomposition approach for computing blocking probabilities in wavelength-routing networks. *IEEE/ACM Transactions on Networking*, 8 (6):747–762, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/articles/journals/ton/2000-8-6/p747-zhu/p747-zhu.pdf`; `http://www.acm.org/pubs/citations/journals/ton/2000-8-6/p747-zhu/`.

Zhang:2003:DAF

[ZS03] Xi Zhang and Kang G. Shin. Delay analysis of feedback-synchronization signaling for multicast flow control. *IEEE/ACM Transactions on Networking*, 11(3):436–450, June 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2004:MCM

[ZS04] Xi Zhang and Kang G. Shin. Markov-chain modeling for multicast signaling delay analysis. *IEEE/ACM Transactions on Networking*, 12(4):667–680, August 2004. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2005:AFJ

[ZS05] Yunkai Zhou and Harish Sethu. On achieving fairness in the joint allocation of processing and bandwidth resources: principles and algorithms. *IEEE/ACM Transactions on Networking*, 13(5):1054–1067, October 2005. CODEN IEANEP. ISSN 1063-6692

(print), 1558-2566 (electronic).

Zhang:2013:CCS

[ZS13] Xinyu Zhang and Kang G. Shin. Cooperative carrier signaling: harmonizing coexisting WPAN and WLAN devices. *IEEE/ACM Transactions on Networking*, 21(2):426–439, April 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2014:ODP

[ZSCJ14] Shaoquan Zhang, Ziyu Shao, Minghua Chen, and Libin Jiang. Optimal distributed P2P streaming under node degree bounds. *IEEE/ACM Transactions on Networking*, 22(3):717–730, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2011:PSL

[ZSFZ11] Chi Zhang, Yang Song, Yuguang Fang, and Yanchao Zhang. On the price of security in large-scale wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 19 (2):319–332, April 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2012:SWD

[ZSK12] Zizhan Zheng, Prasun Sinha, and Santosh Kumar. Sparse WiFi deployment for vehicular Internet access with bounded interconnection gap. *IEEE/ACM Transactions on Networking*, 20(3):956–969, June 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2002:SFC

[ZSSK02] Xi Zhang, Kang G. Shin, Debanjan Saha, and Dilip D. Kandlur. Scalable flow control for multicast ABR services in ATM networks. *IEEE/ACM Transactions on Networking*, 10(1):67–85, February 2002. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2003:MSR

[ZT03] Qing Zhao and Lang Tong. A multiqueue service room MAC protocol for wireless networks with multipacket reception. *IEEE/ACM Transactions on Networking*, 11(1):125–137, February 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2012:OCA

[ZT12] Lu Zhang and Xueyan Tang. Optimizing client

assignment for enhancing interactivity in distributed interactive applications. *IEEE/ACM Transactions on Networking*, 20(6):1707–1720, December 2012. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zitterbart:1994:HPT

[ZTS94] Martina Zitterbart, Ahmed N. Tantawy, and Dimitrios N. Serpanos. A high performance transparent bridge. *IEEE/ACM Transactions on Networking*, 2(4):352–362, August 1994. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1994-2-4/p352-zitterbart/`.

Zhao:2011:SCL

[ZTS11] Qinglin Zhao, Danny H. K. Tsang, and Taka Sakurai. A simple critical-load-based CAC scheme for IEEE 802.11 DCF networks. *IEEE/ACM Transactions on Networking*, 19(5):1485–1498, October 2011. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zafirovic-Vukotic:1999:WTE

[ZVN99] Mirjana Zafirovic-Vukotic and Ignatius G. M. M. Niemegeers. Waiting time estimates in symmetric ATM-oriented rings with the destination release of used slots. *IEEE/ACM Transactions on Networking*, 7(2):251–261, April 1999. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1999-7-2/p251-zafirovic-vukotic/`.

Zhong:2010:CRR

[ZW10] Sheng Zhong and Fan Wu. A collusion-resistant routing scheme for noncooperative wireless ad hoc networks. *IEEE/ACM Transactions on Networking*, 18 (2):582–595, April 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2014:NDD

[ZW14] Shizhen Zhao and Xinbing Wang. Node density and delay in large-scale wireless networks with unreliable links. *IEEE/ACM Transactions on Networking*, 22(4):1150–1163, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2000:VSP

[ZWDS00] Zhi-Li Zhang, Yuewei Wang, David H. C. Du, and Dongli Shu. Video staging:

a proxy-server-based approach to end-to-end video delivery over wide-area networks. *IEEE/ACM Transactions on Networking*, 8 (4):429–442, 2000. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/2000-8-4/p429-zhang/`.

Zibman:1996:AAM

[ZWO+96] Israel Zibman, Carl Woolf, Peter O'Reilly, Larry Strickland, David Willis, and John Visser. An architectural approach to minimizing feature interactions in telecommunications. *IEEE/ACM Transactions on Networking*, 4(4):582–596, August 1996. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic). URL `http://www.acm.org/pubs/citations/journals/ton/1996-4-4/p582-zibman/`.

Zheng:2016:AUC

[ZWTC16] Zhenzhe Zheng, Fan Wu, Shaojie Tang, and Guihai Chen. AEGIS: an unknown combinatorial auction mechanism framework for heterogeneous spectrum redistribution in noncooperative wireless networks. *IEEE/ACM Transactions on Networking*, 24(3):1919–1932, June 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zheng:2010:MCM

[ZWYY10] S. Q. Zheng, Jianping Wang, Bing Yang, and Mei Yang. Minimum-cost multiple paths subject to minimum link and node sharing in a network. *IEEE/ACM Transactions on Networking*, 18(5):1436–1449, October 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2013:LWS

[ZXH+13] Jizhong Zhao, Wei Xi, Yuan He, Yunhao Liu, Xiang-Yang Li, Lufeng Mo, and Zheng Yang. Localization of wireless sensor networks in the wild: pursuit of ranging quality. *IEEE/ACM Transactions on Networking*, 21(1): 311–323, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2008:FAC

[ZXTT08] Weiyi Zhang, Guoliang Xue, Jian Tang, and Krishnaiyan Thulasiraman. Faster algorithms for construction of recovery trees enhancing QoP and QoS. *IEEE/ACM Transactions on Networking*, 16(3):642–

655, June 2008. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2007:NAM

[ZY07a] Zhenghao Zhang and Yuanyuan Yang. A novel analytical model for switches with shared buffer. *IEEE/ACM Transactions on Networking*, 15(5):1191–1203, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2007:LOW

[ZY07b] Zhenghao Zhang and Yuanyuan Yang. On-line optimal wavelength assignment in WDM networks with shared wavelength converter pool. *IEEE/ACM Transactions on Networking*, 15(1):234–245, February 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhu:2016:ISD

[ZY16] Kai Zhu and Lei Ying. Information source detection in the SIR model: a sample-path-based approach. *IEEE/ACM Transactions on Networking*, 24(1):408–421, February 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2014:CHB

[ZYL+14] Yifan Zhang, Gexin Yu, Qun Li, Haodong Wang, Xiaojun Zhu, and Baosheng Wang. Channel-hopping-based communication rendezvous in cognitive radio networks. *IEEE/ACM Transactions on Networking*, 22(3):889–902, June 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhao:2016:PVI

[ZZG+16] Mingchen Zhao, Wenchao Zhou, Alexander J. T. Gurney, Andreas Haeberlen, Micah Sherr, and Boon Thau Loo. Private and verifiable interdomain routing decisions. *IEEE/ACM Transactions on Networking*, 24(2):1011–1024, April 2016. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2010:IDI

[ZZH+10] Zheng Zhang, Ying Zhang, Y. Charlie Hu, Z. Morley Mao, and Randy Bush. iSPY: detecting IP prefix hijacking on my own. *IEEE/ACM Transactions on Networking*, 18(6):1815–1828, December 2010. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhu:2013:AEF

[ZZHZ13] Ting Zhu, Ziguo Zhong, Tian He, and Zhi-Li Zhang. Achieving efficient flooding by utilizing link correlation in wireless sensor networks. *IEEE/ACM Transactions on Networking*, 21(1):121–134, February 2013. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhou:2015:PCG

[ZZW+15] Xia Zhou, Zengbin Zhang, Gang Wang, Xiaoxiao Yu, Ben Y. Zhao, and Haitao Zheng. Practical conflict graphs in the wild. *IEEE/ACM Transactions on Networking*, 23(3):824–835, June 2015. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2007:AAP

[ZZZ+07] Jing Zhang, Keyao Zhu, Hui Zang, Norman S. Matloff, and Biswanath Mukherjee. Availability-aware provisioning strategies for differentiated protection services in wavelength-convertible WDM mesh networks. *IEEE/ACM Transactions on Networking*, 15(5):1177–1190, October 2007. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhang:2014:DSP

[ZZZ+14] Xin Zhang, Fanfu Zhou, Xinyu Zhu, Haiyang Sun, Adrian Perrig, Athanasios V. Vasilakos, and Haibing Guan. DFL: secure and practical fault localization for datacenter networks. *IEEE/ACM Transactions on Networking*, 22(4):1218–1231, August 2014. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).

Zhu:2003:NGG

[ZZZM03] Hongyue Zhu, Hui Zang, Keyao Zhu, and Biswanath Mukherjee. A novel generic graph model for traffic grooming in heterogeneous WDM mesh networks. *IEEE/ACM Transactions on Networking*, 11 (2):285–299, April 2003. CODEN IEANEP. ISSN 1063-6692 (print), 1558-2566 (electronic).