A Complete Bibliography of Publications in *Concurrency and Computation: Practice and Experience*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: `beebe@math.utah.edu`, `beebe@acm.org`, `beebe@computer.org` (Internet)
WWW URL: `http://www.math.utah.edu/~beebe/`

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Title word cross-reference

1 [VDL+15]. 16×16 [TPGC15]. 2 [CCW06, PDC16]. $2pq$ [CL14]. 3 [ACIC+13, DCG11, EMEY14, KSM+08a, MBP16, MCY+07, MJL01, OLG+15, PSLC11, PSCK+15, TTR+10, YBC+07]. ^{2} [YNX+16]. ^{TM} [YL01, ZJKL10]. $_n$ [LSP15]. c [HW16]. ℓ [DHV03]. $G(d)$ [WCA08]. K [LFZ07, DHV03, GR13, KH12]. LU [DFLL14]. N [BDH15, CGK14, GGV14, SSB+14, TL14, AS15]. t [HJM+11]. x [IR11].

-body [CGK14, GGV14, SSB+14, TL14]. **-Cube** [AS15]. **-mean** [HW16]. **-mer** [GR13]. **-nearest** [KH12]. **-out-of-** [DHV03]. **-private** [HJM+11]. **-thread** [BDH15]. **-wait-freedom** [IR11].

.NET [BHW05, HLB10].

/OpenMP [VDL+15].

1 [RMP+13a]. **1.1** [OA02]. **1.2** [CG01]. **1.3** [MP04]. **10th** [Kni06, WT15]. **128-processor** [LL01]. **1394** [HON04]. **1516** [MP04]. **1605** [Ano06]. **17** [Ano06]. **1940** [DKMM14].

2 [BS04, BB13, BÇG14, JLT06, LXW+16, LSK04]. **2.0** [CBHTE11, DWC09, DH15, FP09, LVN+12, MWL+15, PFC+09, ZL09, Zic12]. **2.0-based** [MWL+15]. **2.2** [HRR+11]. **2000** [LL01, LSK04, PIH04, Wis02]. **2001** [ZGRSC10]. **2003** [ZMJZ10]. **2005** [WC08]. **2007** [BL09a]. **2008** [BL09b, NCD+08]. **2009** [BL11a, SHT11]. **2010** [BL11b, Bou13, HTBR12]. **2011** [BL13b]. **2012** [BL13a, HTW14, Hou12, QFG14]. **2013** [AF14, LBW14, PDD14, WDGK15, WT15]. **2014** [CČJ+16, FB16, HTBR16, LBS15]. **2015** [LBT16]. **21st** [BHJ+16]. **21st-century** [BHJ+16]. **2D** [ZZZ+15]. **2D-DWT** [ZZZ+15]. **2nd** [FZ08].

3.0 [DBB+16]. **30.7** [SLM+10]. **369** [GKS09]. **3D** [SL14, LXW+16]. **3G** [KCS07]. **3rd** [CC09].

4.0 [JCP15].

5G [GLL16].

6 [OCC+05]. **6.1** [ZMJZ10]. **6.2** [ZMJZ10]. **600** [LSK04]. **6th** [Run10].

77 [AL04].

8 [SAdB+16]. **802.11s** [BOB13]. **802.21** [WCLH12].

90 [FSPC+02]. **90/HPF** [FSPC+02]. **95** [vWAH+02]. **'99** [TM01].

A2 [FNBS16]. **AAAA** [WBB+07]. **AAH** [GQR16]. **ABC** [BPL12]. **ABC-GA** [BPL12]. **ABS** [SAdB+16]. **abstract** [AHM06, CTY15, DWC09]. **abstraction** [IAH+15, JMF09, LFG05, WP12]. **abstractions** [VS02]. **Accelerate** [YXLZ16, FBV+13, MTHK14]. **accelerated** [ANPR16, BDW14, CGK+16, CMMB13, CP14, DCD+14, IOOH12, JLH+16, LS15, MCB14, MPSGD14, RK15, SBC15, TDM+15, ADK+16]. **Accelerating** [BKLH09, DCK12, EDB+14, LL16a, NNH+14, PRCV16, RCA+11, SNK+15, TB12, ZCD+12, CCO15a, ISO+14, SAD13, SIOS02]. **Acceleration** [ZO14, ABG+13, KC13, PZ11]. **accelerators** [ADF+13, BKSM+15, BHKW12, HJB12, HCKF15, SRF13, YOBS16]. **acceptance** [ALL+15]. **Access** [AK01, RCB+04, SW11, AFGL09, AC02, AV07, AAF+07, BDI+07, BHA+15b, CSL08, CLH+16, DFC12, DKMV07, GvHKK11, GBSHA01, KFS+06, LZW13, LCMY13, MLL+11, MCB14, MD02, OTG+07, RR01, SKNH09, SS07, SW12, SCLK15, TYHL12, sTzNL16, WLW11, WYBS16, XHH12, YBO10, ZYN+07, ZXW16b]. **Access-controlled**

[RCB+04]. **accesses** [LPC+14]. **accessible** [OK15]. **Accessing** [GKP+09, Wit10]. **Accounting** [GEJ+08, HGT14, MAS+14, SAC+07]. **accounts** [WBB+07]. **accumulator** [LZY+16]. **accumulator-based** [LZY+16]. **accuracy** [DFLL14, EMEY14]. **Accurate** [BCK+09, GW15, AAF+07, FOTW04, GQR16, MCC16, TCP+05, VB16]. **ACES** [Run10]. **achieve** [CAG+13, PQP13, YLLZ09]. **Achieving** [CBPP02, DPP03, DFLL14, SSZ13, WLW11, ZYN+07, XTLG08]. **ACM** [Fox01, Fox05]. **acoustic** [MS07]. **across** [AAE+09, BPdM06, CC15]. **Active** [PLL14, RM11, ZHT08, Pun01, SM04, XM02, ZL06]. **ActiveSpaces** [DZJ+15]. **activity** [BDMM+05, GQR16]. **actor** [BAT13]. **ad** [CNPP09, Den07, DA15, EB10, HKA+15, IHB15, KOO12, KKK10, KABD07, MLRR09, QWW+16, Sha15, YWM+10]. **ad-hoc** [Den07, IHB15, KABD07]. **ADAGE** [YR15]. **adaptability** [DT15a, SPSNvS07, ZBZH11]. **Adaptable** [dRL10, PGO+04]. **Adaptation** [LLH+09, RCR+15, AAHRW04, GFBR10, LW05, MvNK+06, WO02, WRC09]. **Adapting** [LBTE14, ZYH09, KL02]. **Adaptive** [dOCPFJ13, CZG16, GVC10, KR06, LPS+09, LCMY13, PGK11, PCD15, RHRB13, TCBR+10, AR16, BJ01, BCD+02, BB12, BM08, BFVRC15, CRB09, CCW+15, DDP+06, GvDHS12, HKRR08, HHKA14, JN03, LSJ16, LB11, MV16, Nak02, NC05, RHBK11, VB16, WCR+14, WLW14, WLL03a, YCL11, YLD13, ZH15, dOOO+12]. **adaptively** [LPSF11, PWMX16]. **adaptivity** [VD05]. **Adding** [SRN+15, vRS05]. **address** [ADK+16, HKS+12, ZDB+14]. **Addressing** [CBBCD08]. **Adelson** [BBB16]. **Adelson-Velskii** [BBB16]. **ADIOS** [LLT+14]. **Adjusting** [YYCH10, JKZ03, YYC10]. **admission** [DMA13, XCL09, ZCC+06]. **Adolescent** [CS09]. **adoption** [HLX+16]. **advance** [ET09]. **Advanced** [FR02, Fox12, MCAB+02, NC05, SRdS09, SF10, AP06, FSPC+02, Fer15, LAC+08, LL13, QLL10, SE01]. **Advancements** [MRJ+14]. **Advances** [Ano15a, BCX15, MLY10, PIGK16, SFN12, XCHK14, XHZ12, XCHY13, Zha08, DM15, LMH+14, LL15, MPSGD14, Not16a, RS13, SRTG+07, YMLR16]. **Advancing** [KMJ14]. **aerial** [LZH+15]. **AES** [CLH+11, FLYL16, PZ11]. **affecting** [HMM+09]. **affinity** [KB13]. **against** [AYSZ14, BSB+03, HYLG15, KKS12]. **age** [ABDO09, HT15]. **Agent** [KKS12, RK01, CCCW13, CAC15, CKC09, CGN15, CN16, DPST06, GPVCdBRO12, HM16, JLHH14, LCT16, DMRS15, MT08, OM06a, PGK11, PRS01]. **Agent-based** [KKS12, CAC15, CKC09, LCT16, MT08]. **agent-oriented** [DMRS15]. **agents** [ADSV16, AKW04, CJ12, EJF+16, NPTT06, QKSJ07, SNEP14, YCW08, ZMZD11]. **agents-based** [ADSV16]. **aggregate** [FGC06]. **aggregation** [DXWD16, DZC16, NJ15, TLWZ14, ZGX11]. **aggressive** [VJHB05]. **agnostic** [VKM+09]. **agreement** [ZZC15]. **agreements** [DPGA11, YS07]. **agricultural** [AAV+15, HAJL16]. **ahead** [FBS16]. **AHM** [WAS07, WC08]. **aided** [BAZ09, LGdVH13]. **Aimed** [CZ15a]. **Airavata** [BAC+15, PMG+15]. **Alamos** [WJLD09]. **alert** [RCM12, WZXZ12]. **algebra** [ADI+14, BHL+09, BHJ+16, HLYD12, KLDB10, PHCR09, SD15, SLB08].

algebraic [ODS+13]. **algebras** [CMD11]. **algebric** [MQOQOH01]. **algorithm**
[AA16, ACGG06, BKH08, BY12, BKND16, BDF15, BT04, BDH16, CMMB13, CCW+15, DCJ12, DHV03, DPS07, DLM13, EN16, FH13, FTT15, GZG+16, GCWE15, GM04, HZHP09, HdV13, HW16, JC07, JLH+16, JKV+15, KA16, KH12, KHHC13, KKW+14, Li04, LC09, LDZ14b, LLH+15, LYC16, LZZ+15, LLQL14, MKKB04, MLRR09, MDL+10, MNL15, OAS+15, PLY13, PCT04, PSCK+15, PV15, Ree01, RSM01, SAB15, SJVR15, SAD13, SBC15, SS15a, TZK16, TYL+15, TRW07, Viv03, WLLL15, WBZ10, WJ12, WZJD13, WCR+14, WZS+15, WJYH16, WZLQ16, WLL03a, WLL03b, WRDZ13, ZW09, ZY12, ZQK15, ZYW+16, ZYLT06, ZFJ16, ZDX12, dCRS11]. **Algorithmic** [SKK01, BGV+01, Cho01]. **Algorithms**
[Fox10, SNM15, AJY+15, ABDO09, ABDR13, BDL+15, BB12, BCM15, BDTdS13, CDA09, CCTW11, CCP+15, DS04, DLT+16, EAGVBVDS11, FLYL16, FLMRC02, FRKS12, GYM14, GLM+16, HLYD12, HT15, HR06, IQOvdG13, JdM12, JM07, JKZ03, KHZN06, KR04, KR11, LWW06, LB11, MHLC+05, MTK16, MJL01, MB14, PSRR14, RTMZ13, SRS16, SER15, SFH13, SFT15, TMZ07, VS02, YCW08, ZL12]. **algorithms-by-blocks** [IQOvdG13]. **aligning** [SL14]. **alignment**
[AMHC11, BS04, LLB04, LS15, SRF13]. **all-pairs** [SSB+14]. **all-to-all** [ZJKL10]. **allocating** [ME08]. **allocation**
[BHD13, CA06, CCSS10, DFPT06, EdPG+10, FXX16, GEJ+08, GS04a, ITK09, JL10, Jon09, KZY15, vdKEL10, LBV16, LC09, LDPZ14, RPK08, Sha15, TAB+06, TSBR10, VDB09, VGN+16, WRLS12, XLZD13, YYC10, YCL11, YLC11, YPLJ11, YL01, ZJL13, ZLH+15, ZWMT12]. **almost** [BK05]. **almost-whole** [BK05]. **alternative** [BFU07, ELM+16, Kuł14]. **alternatives** [AM01]. **Alting** [WBM+10]. **Amadeus** [BPB08]. **Amazon**
[MSL+14, MDH+16]. **AMBA** [MS10]. **AMC** [CCW+15]. **American**
[GG07, DCJ12, HLCW15, PW12, TZKH12]. **among** [BFU07]. **AMSBA** [PIGK16]. **AMULET1** [The01]. **AMUSE** [LDS+08]. **analyses**
[BAD+11, DZ13, SMBT07, TCH+13]. **Analysing** [LLT09, Sch04]. **Analysis**
[AM07, CLZX10, CLW+15, DXWC16, GHMX13, GG07, GGR+10, HLYD12, KNT+01, MFG+13, PQP13, ULS03, AA16, ABF+10, AHB+10, Aia15, AAF+07, AC06, AHH14, BGGS14, BMV03, BBCG02, BKH08, BRWB06, BDP+14, BLSP11, BWEB14, BDMM+05, CM05, CC13, CSBL12, CGIP16, CXPL15, DCG11, DDX+06, EMS15, FBH+01, FMM08, FBC10, GYB+11, Ger05, GMT07, GO10, GPW03, GYP+16, HJB12, HGT14, HPS12, ISS+02, IAH+15, JLHH14, KvGS+14, KR15, KHM+11b, KCZ+05, LLRS03, LAC+08, LWG+15, LLLyL16, LL16c, LQL+09, LJML10, LFHT15, LSW07, LPC+14, LGD15, MRMC15, MSL+14, MTT15, MO02a, MS10, MJD15, MWHW16, MDV07, MWW10, MWLS11, NLYZ12, OAS+15, PWC+14, PFC14, PVR+09, PPP10, Puf13, QZH16, QZYZ16, RVD+12, RVRD10, dRRdCRR16, RS07, RGB+15, SAOKM04, SLV12, SER15, SGCA+16, SLGL16, SWD+15, SM09, SWB12, SWL+01, TNH15, TNI16]. **analysis** [TQL+14, TWN07, TWB13,

TF03, WCA08, WZC16, WBC+02, WWG+11, WMDM07, WKL+11, WCH+07, XWFH08, XTZ10, XYER16, XZZ+16a, XBB13, XZZ16b, YHH13, ZCC+06, ZPG10, ZH16, Zhe16, CKOG10, MCSML07]. **analysis-driven** [HPS12]. **analytical** [CS13, JAA08, PRS01, RGAK15, TYHL12, WTN07]. **analytics** [BM16, KMJ14, PRCV16, TTPJ16]. **analyze** [HWZX08]. **Analyzer** [CV07]. **Analyzing** [DT15a, HKG08, IÁE11, SdOVM16, RR15, XZHW09]. **Android** [AA16, CL16]. **animal** [CMT13]. **annealing** [HXY+12, MK15b, WYZ12]. **annotate** [FHO+15]. **annotation** [SRL+14, WOH+13]. **annotations** [IS10, vRGNP09]. **anomalies** [SLV12]. **anomaly** [HPD+15, PFC14, RS16]. **anonymity** [WWS+12]. **anonymization** [SWZ12]. **anonymous** [MML16, YZW+15]. **Answering** [GR13, TGS14, CZWH07, HHWZ08]. **ant** [TV14]. **Anticipative** [YYCH10]. **ants** [PCS+12]. **anycast** [SPSNvS07]. **AODV** [KKK10]. **AODV-RIP** [KKK10]. **AOI** [RGCC15]. **AOI-cast** [RGCC15]. **Apache** [PMG+15]. **APART** [GG07]. **APCIE** [CČJ+16]. **APEC** [Ano02]. **APEX** [SS07]. **APEX-Map** [SS07]. **API** [APHB16]. **APIs** [CS15]. **app** [Fer15]. **Appearance** [TNH15, TNI16]. **appliance** [JK10]. **appliances** [LLL15]. **Application** [PHGK10, RVD+12, RO12a, RO12b, SWD+15, TDM+02, AV07, BHD13, BvIF10, CRC+15b, CCO15a, dOCPFJ13, CZ15b, CM07a, CKBB14, ESG11, FJG+13, GA08, GSV03, GAE+06, GWVP+14, HLX+16, HVM+15, HKAC14, HYLG15, HK02, IHB15, JZJW15, JN03, KOK14, KSM+08a, KA11, LHBW15, MKB01, MvWL+10, NZKK11, PWC+14, PSG03, QZH16, RMCHMG15, SBBE07, SLD+12, SM03, SBDP15, SİM+07, SVN12, TKA+02, TY15, TK10, TBK+15, VSR+09, VSB+15, WXY10, XHH12, XM02, YDS+14, YBC+07, ZS01, ZDA+07, ZYL10, ZKJ+07, ZZZ+15, dRL10, vAVS12, RTPPH12]. **Application-driven** [RVD+12]. **application-runtime** [GA08]. **Application-specific** [RO12a, RO12b, ZS01]. **Applications** [CL08, CC09, EN09, Fed13, PPST09, SNM15, TM01, Tur04, YWT+12, ACJ10, ALKD16, ABtGT+12, AMSS15, AK01, ASS+05, ACFT15, AC06, Ang08, ACG15, AFG16, Ano06, AAV+15, AAE+09, BH16, BMV03, BFR05, BCD+02, BEQOR13, BBK11, BSP11, BR04, BFM+06, BFVRC15, BPD06, BSB+03, CML+10, CEH+06, CGK+16, CV07, CDMS15, CSBL12, CGIP16, CSL12, CWMZ06, CA06, CKC09, CN02, CSPM13, CSWB11, DJM12, DFPT06, DHH+13, DKMV07, DvNM+11a, ET15, EPB14, EMS11, EDSV09, EDBS08, EABVGV14, EMS15, EJF+16, FBH+01, FT06, FNBS16, GFBR10, GTA10, GWC+11, HFDJ10, HKS+12, HLHC12, ISO+14, JOC+15, JCK+13, JZZL06, JK06, KTR11, KKM+06, LBTE14, LHL10, LL05, LPH09, LLWS09, LDPZ14, LLL16, MWL+13, MHJH16, MMMP01, MKIO04, MLC04, MBC+14, MMS07, MSS16, MDH+16, MCSML07, MK15b, MT09, NSBR07, NDT+16]. **applications** [Not16a, OSK+01, Par02, PWWR05, PS05, PTL+16, PFC+09, PRV11, PH12, PB16, PIGK16, PSIP16, RRBB11, RBP12, RMCN+07, dRRdCRR16, RTMZ13, RMG+10, RM11, RO12a, RO12b, SRS16, SM02, SV09, SAB15, SFLS04, SRM+15, SG16, SIOS02, SAdB+16, SHG+07,

SCBH09, SF16, SGV12, SM09, SD11a, SFH13, SFT15, SS15b, SE01, SCLK15, SVN12, TKB09, UR04, VDB09, VBW06, VCP16, WL11a, WAD12, WT10, WK07, WMDM07, WCL+10, WSWL12, YT15, YK10, YL01, ZBP06, ZP06, ZYLT06, ZHGX16, dCGKG06, vHMB08, GTGT11]. **Applied** [WT15, DAB09b, MCB14]. **apply** [FMS11]. **Applying** [BHD13, CAG+13, CBP+04, CKBB14, KW11, LWW06, MCY+07, SGSC08, VSKK09, dCHMJ12, ASG+08]. **approach** [AAHRW04, AR16, AMSS15, AML+15, ACMM06, ADD+05, BTCB16, BPL12, BKM+07a, BAZ09, BCC+05, CWZL13, CAC15, CLMM12, CG10, CKOG10, CLYC16, CWMW15, CLS14, CL07, CBP+04, DST11, DGA+10, DED07, DAB09b, DS15, ELM+16, ESZ09, EAGVBVDS11, FHH15, FMS15, zGWXT09, GH08, dAGC11, GVC10, HKA+15, HM16, KR15, KHZ+15, KTM+09, LBV16, LWF+15, LZH+15, LWT+16, LWY15, LPA+08, MTA+07, MSS16, DMRS15, MCXP15, MK15b, MLVBW12, MSG10, ORdSL13, PFC14, PV04, PGK11, PCD15, PSIP16, PSW11, PME+08, RSSM06, RGCC15, RMCHMG15, SJVR15, SD15, THF15, TYTY15, TTR+10, VGL06, VH12, VFG11, VRDTB+16, VO15, WBHW08, XWFH08, XZHW09, XDL+11, XWD+12, XDE+04, XBZ10, XHCL15, YA04, YT15, YZ10, YHH13, ZLY+13, ZH16, ZLT+16, ZFT08]. **approaches** [ABS16, BDT01, BCM+05, MPSGD14, PGP+10, SİM+07, Sod05, YDB+13]. **Approaching** [IAH+15]. **approximate** [GG09, GE08]. **approximation** [CCTW11, CS13, WJ12]. **approximations** [CNP+15]. **apps** [SSC+16]. **Araport** [HVM+15]. **arbitrary** [HP11, KMA04]. **Architectural** [BCC+05, MCCG11]. **Architecture** [CLH+11, MP04, Nel05, AP10, ADSV16, CT12, CLL14, CM07a, CJ12, CSB+16, CMT13, CKNW06, DDF16, DBGA16, DXZ+16, Fer15, FNBS16, FTT15, GWW+10, GW15, HCK+08, JLCA07, Kar14b, KHZN06, KPS14, LHC14, LSH+16, MLS+15, May10, OCC+05, PRS16, PSLC11, PSJM13, ROA+07, RW10, RCR+15, RGL+15, SDB02, SPLO06, SPW09, WCZX16, WL02, WLL14, ZFT08, ZWW14, BBCG02, KKJH03, Zho06]. **architecture-level** [WCZX16]. **Architectures** [MN10, AHP+13, ABC+16, ABC+15, ACS10, ATNW11, BOF15, BG14, BSP11, BIK+11, BKZ+13, BS10, BRCV16, BLKD08, CRC15a, CACC11, Cha03, CNG13, CZG16, DDM16, DCK12, FBH+01, FN13, GGV14, GVC10, HMM+09, HLYD12, HBKM06, HdV13, JKV+15, KB06, LL16a, MCP+12, MLC04, MO02b, NO02, OAS+15, PZ11, Par02, PHCR09, PH12, RLMG16, RHBK11, RGB+15, SCRV11, SRM13a, SF16, SFH13, SFT15, SHC+16, STL+15, SEF+14, TYL+15, VDL+15, YR15, vdABST10]. **archives** [ZKR+07]. **Archiving** [Wit10]. **Area** [CS09, BMA03, GHMX13, RMP13b, XPBS11, ZMJZ10]. **areas** [RRR15]. **Argus** [FGC06]. **ark** [BDG08]. **ARM** [MOF15]. **arrangement** [DBR13]. **Array** [CGK14, CM05, GvDHS12, Kuł14, LGFM05, WBO16, MDV07]. **arrays** [Kes04, LK03, MMG03, NNH+14, TBK06]. **arrhythmia** [BTCB16]. **arrive** [LGCJ+13]. **arrow** [GE08]. **arrow-type** [GE08]. **art** [BKZ+13, DHC13, MRS08]. **artifact** [ZZZ+15]. **artifacts** [ZWW14].

Artificial [KC15, Bri16, DMM+07, PB12, Pac16]. **ASCI** [KHW05, RBBH02, YBC+07]. **Asian** [LL16a]. **ASKALON** [FJP+05]. **ASL** [GF07]. **ASP** [OISS07]. **aspect** [BAVM11, MSS16]. **aspect-oriented** [BAVM11, MSS16]. **aspects** [ACS10, GMPT15]. **assemblies** [TMR+07]. **assembling** [BPD06]. **assembly** [CPS+14]. **Assessing** [HAvI13, LHBW15, MAS+14, ZBZH11, BBB+14, MDX14, PRS16]. **assessment** [CLMM12, FRU12, GGS+16, YJL12]. **asset** [DCJ12]. **assign** [PB12]. **assignment** [LLYL09, SPJ14, Yos06]. **assimilation** [vHvdSvL03]. **assisted** [Gog11, RMG+10]. **ASSL** [VH12]. **associated** [CLZX10, ZWLY16]. **association** [WWL+15, XLMH14, Zhe16, LLX15b]. **associative** [Kri13]. **assumption** [LZC14]. **assurance** [AL04]. **astrophysics** [BSC+15, SWB12, vLRF+02]. **Asymmetric** [ZLA+15, GA09]. **Asynchronous** [GvDHS12, WK12, dCPD13, DPK10, KW11, PH12, QLC04, The01]. **athlete** [PdCMdS+12]. **Atmospheric** [HGT14, SPZ+10]. **atoms** [GSB+12]. **atria** [KSM+08a]. **attack** [ANH16, AYSZ14, CYD+15, HYLG15, VRDTB+16]. **Attacks** [LH14, BGdCCA11, DCG15, Eng15, EA12, FIO15, VT15, XTZ10]. **attempts** [WLZ11]. **Attitude** [CH04]. **Attribute** [BXLJ16, LFWS15, WZC16]. **attribute-based** [LFWS15, WZC16]. **auction** [HK01, HJM+11, SO16, WRDZ13, ZLH+15]. **auction-based** [SO16]. **Auctioning** [GD06]. **auctions** [Kar14b]. **auditing** [FJG+13, LLSL15, LBY+16]. **Augmenting** [AL04, KCS07]. **Australia** [Run10, SBB+15]. **authenticated** [FIO15, XWXC14, ZZC15]. **authentication** [AaBT16, Aia15, AZF+12, AL04, EA12, FLL+14, GLC+04, HZC+14, NLYZ12, Tan15, WDLL10, XHH12, YHHS16, ZQD16]. **authority** [BFG14]. **authorization** [CZO+08, GRSB09, KWL+04, SW11, TSL15]. **authorizations** [Rua15]. **Auto** [Sør13, TV14]. **Auto-tuning** [Sør13]. **AutoDockCloud** [EB14]. **Automated** [AAF+07, BTCB16, CMW02, CK13, CVK15, DS15, KAM11, RCXS09, RM03, SGSC08, SMBT07, SE01]. **Automatic** [BD08, BKND16, FMS08, Ger05, GG07, GO10, KKTHL13, SD03, SPBL06, WMDM07, BR04, JCVU15, KGGT12, LM07, LLLyL16, QEB+10, TJF14, WXY10]. **Automatically** [SSC+16, ZZ11, AAP13, YOBS16]. **automating** [BHD13]. **Automation** [HBG+06]. **Autonomic** [MBP+05, TCBR11, CRCC09, CR12, CSL12, DED07, HM16, LDS+08, RRBB11, RBP12]. **Autonomics** [Pat08]. **Autonomous** [FZ07, Zhu07, JDB16, KOO12, Kri13, SAC+07]. **AutoSLAM** [CVK15]. **autotuning** [AHK+15]. **Availability** [XPWF15, ANTZ09, FBC10, KKTHL13, MLG15, PV15]. **available** [KM03]. **avalanche** [PIH04]. **avatars** [TNH15, TNI16]. **avoid** [CM06]. **avoidance** [VKM+09]. **avoiding** [WS09]. **Award** [Bou13]. **aware** [And13, ACIC+13, BFM+06, BPB08, BHKW12, CEH+06, CRCC09, CC15, CZG16, CLT+16, CLH13, CDN15, DPGA11, DHC11, DYW16, DA15, GYM14, GMVRGS15, GAW09, HAAWA+16, IHA+15, JZL14, JZL15, Jon09, KC15, KV12, KL12a, KBB11, LBdM+16, LWYM16, LDXC13, LFH08a,

LYC16, LSJ16, MS13, MRL16, MSP+13, DMRS15, PPBB14, PRV11, QLD+11, RAFD14, RGB+15, SBDP15, SGV12, WSL15, WQS+16, WDW+15, WSW+12, YBO10, ZLY+13, YCWH07]. **awareness** [CAC15, RH07]. **AxML** [SLM04]. **Azure** [CTAB16, KBT+14, LRS15, XBB13]. **Azure-based** [KBT+14].

B [IS10, MS10]. **Babylon** [vHMB08]. **backbone** [NSSAK13, NSSAK16]. **Backfilling** [LGCJ+13, WGZL06]. **background** [KMA04]. **backoff** [WYQ+13]. **backtracking** [FH13]. **backup** [ZXW16a]. **bacterium** [ALVY05]. **bag** [PRV11, NB12]. **bag-of-tasks** [PRV11, NB12]. **balance** [SBDP15]. **balanced** [WQS+16, ZLLL11]. **Balancing** [WTL+16, AS15, AR16, APHB16, BGV+01, DBR13, FJ05, FT06, GCL08, KKTHL13, KR04, MKIO04, WJYH16, WLL03b, XBZ10, ZEB10]. **banded** [BHL+09]. **bands** [HCKF15]. **bandwidth** [GDD+04, LWF+15, PIH04, YLR+13, ZWMT12]. **bar** [AMRT14]. **Baraglia** [Ano06]. **Bargaining** [YCZ+13, SPJ14]. **Bargaining-based** [YCZ+13]. **barrier** [TZKH12]. **barriers** [WBM+10]. **base** [XZH+16]. **Based** [MN10, ALKD16, AaBT16, AFGL09, ABC+16, ASWR12, AR16, AM15, AK01, AMRW06, ABC+08a, AKG13, AC02, ADSV16, ALL+15, ABG+13, BM10, BTCB16, BOB13, BKCP09, BXLJ16, BKH08, BZD16, BAZ09, BBB16, Bou13, BCC+05, BLDW16, BWEB14, BHPS14, CMW02, Can06, CYD+15, CAC15, CC10, CRC+15b, CR12, CWL03, CA06, CY07, CWMW15, CVK15, CM06, CKC09, CW07, CL07, CSB+16, CM02, CGB+06, CNPP09, CRGR+12, CMT13, CLX+12, DVD+12, DCJ12, DHV03, DBR13, DBGA16, DXG13, DRS+13, DLX+16, DCY+08, DG11, DGR+07, DAC12, DHM14, DHH+13, DPS07, DH13, Dra15, DRF07, DT15b, EPB14, EMEY14, ET09, EAGVBVDS11, FXX16, FIO15, FJZ+14, FPC15, FAPC16, FVRM15, FH13, FN13, GS08, GYM14, GDJ16, God12, GIVRC+10, GS04a, GE08, GBG+14, GHB+06, GPZ04, GKP+09, HFDJ10, HZC+14, HZHP09, HXY+12, HAJL16]. **based** [Hoh06, HSHT14, HM16, HLL+15, HLCW15, HWR03, HFTQ13, HGB+08, HW16, HCK+08, HY12, JC07, JBL15, JQSP08, JJGL13, JLHH14, JML+16, JZZL06, JPWH02, JSS07, KC15, KHZN06, KGGT12, KR15, KHHC13, KBT+14, KJŚ+15, KKWZ15, KZY15, KKS12, KABD07, Kri05, Kri13, KPS14, KR11, KBH+15b, KSC12, LVN+12, LGL16a, LLN+14, LHL10, LM08, Li04, LLH+09, LWC12, LMKT13, LDZ+14a, LLL15, LDZ+15, LLG+15, LLX+15a, LZY+16, LWYM16, LWY+16, LCT16, LFWS15, LWB13, LLH+15, LHT+09, LWLZ11, LZC14, LLX15b, LGG16, LAL02, LSW07, LPC+14, LZZ+15, LCJ14, LHXY08, LXL+09, MLL+11, MLS+15, MWPL15, MRY+16, MRMC15, MHLC+05, MZ06, MMO+16, MB12, MMMP01, MSST15, MZW+16, MK15a, MTT15, MCY+10, MKAKG14, MRJ+14, MB14, MWL+15, MT08, MNL15, MSG10, NNK+07, NNvVdA09, NC05, NMKB03, NJ05, OLG+15, PWC+14, PSRR14, PFC14, PYKL16, PRCV16, PCT04, PDC16, PPC+15]. **based** [PSHL11, PB16, PCD15, PSW11, PGW+08, PME+08, PJW+14, QLLS15,

QXXZ16, QZDJ16, RGAK15, RBO+02, RR15, RLZ15, RMCN+07, RGCC15, RSMFE+12, RCLSK16, RCT03, RRWS08, SJB14, SAB15, SBBE07, SRM+15, SPR+07, SGD15, SS15a, SARL13, SACJ04, SPBL06, SHC+16, SO16, SWW+16, Soo16, SLM04, STL+15, SC07b, SW12, TZYL13, TQL+14, TZLC15, TYL+15, TYTY15, TCP+05, TFG+12, TV14, TSBR10, TBK+15, VS02, VDPC03, VDB09, VRSJ15, VRDTB+16, VO15, VvSI07, WYZ12, WZ04, WKT08, WLDL08, WRC09, WDLL10, WRLS12, WJ12, WZJD13, WZZL13, WCR+14, WZS+15, WZC16, WJP14, WZXZ12, WK07, WCLH12, WRDZ13, XHH12, XWFH08, XDL+11, XWD+12, XBZ10, XZZ+16a, XZJ11, XZH+16, XXY+16, YCZ+13, YTF+01, YHK09, YP10, YWC11, YT15, YBZ+15, YKD+15, YLEB14, YZ10, YHH13, YYL+12, ZK08, ZW09, ZP06, ZCC+06, ZEB10, ZLLL11, ZTM12, ZJL13, ZlC15, ZLH+15]. **based** [ZYW+16, ZQD16, ZM13, ZLT+16, ZFT08, ZACG16, ZBZH11, ZFJ16, ZXXN06, ZCS06, ZWMT12, dOOO+12, vHKT+11, vNMW+05, FHH15, HZC+14]. **bases** [NZKK11]. **Basic** [ZX11, SKNH09]. **basin** [DLM13]. **basis** [CQXW14, KF01, SPZ+10]. **batch** [LWLZ11, MHRI14, SRS16, SAB15, SVN12, WCLC13]. **batch-of-tasks** [SRS16]. **Batchsubmit** [MHRI14]. **battery** [CLH13]. **Bayesian** [WZT11, WZJD13]. **BC** [LBY+16]. **BE** [EMS11]. **beaconless** [JWZ13]. **beamformer** [PL15]. **Bear** [ON01, ON02]. **bee** [KC15]. **before** [JW10, LSS15, PWJ10]. **behavior** [AAF+07, CCS14, GGR+10, KL02, LF15, MSV+10, RS16]. **behavioral** [IÁE11]. **behaviour** [MDX14]. **beings** [GQR16]. **benchmark** [BCD+10, BG04, CLL14, DS02, EHSU07, GPW03, GPW05, MvWL+10, DLP03]. **Benchmarking** [BSB+03, GFG+09, MP05, BCM+05, DMR+07, Dik07, ZS01, ZCL14]. **benchmarks** [KHM+11a, NNON02, SCC+10]. **Best** [CS09, PB07b, PK08, GRGP12]. **better** [LWW06, VAC+07]. **between** [Hun15, IÁBE11, KHW05, Kri13, XZZ+16a, XLYX11a, ZYL10]. **BFG2** [AFR09]. **bi** [KSPM12, LOKW+10]. **bi-criteria** [KSPM12]. **bi-material** [LOKW+10]. **bidirectional** [LWG+15]. **Big** [BTCB16, BM16, LWL15, LLLyL16, LLL16, RLC16, APHB16, CY15, DM15, HWQ+16, LBY+16, PIGK16, QWW+16, QZYZ16, WJYH16, XAK16, XSMZ16, XYER16, XGXH15, ZLN+13, PSIP16, SG16]. **big-data** [PIGK16]. **BigData** [ZH16]. **BIGhybrid** [AFG16]. **bilevel** [LZZ+15]. **Bilinear** [LZY+16]. **Bilinear-map** [LZY+16]. **binary** [CL14, LCM12, MPS11, ZZ14]. **binding** [DXZ+16]. **Bio** [WSL15, ABG+13, CBHTE11, CSL12, CP14, GPVCdBRO12]. **Bio-inspired** [WSL15, ABG+13, CSL12, CP14, GPVCdBRO12]. **bio-science** [CBHTE11]. **biochemical** [KOK14, LTM+14]. **Biocompute** [CBHTE11]. **biodiversity** [ABB+15]. **bioextract** [LGD15]. **biofuel** [HLL+15]. **bioinformatic** [GvHKK11]. **bioinformatics** [BAD+11, GFG+09, HSRN11, LBTE14, PRC+14, SFLS04, VRSJ15]. **bioinspired** [HdV13, LGdVH13]. **biological**

[AHP+13, GR13, KKW+14, SKA+14, YGG14]. **Biologically** [PCS+12, HAE09]. **Biologically-inspired** [PCS+12]. **Biology** [BA04, Mar05, CCP+15, LTM+14, MPSGD14, THM+11, WOH+13]. **Biomashups** [HSRN11]. **biomass** [HLL+15]. **biomass-to-biofuel** [HLL+15]. **biomedical** [GWC+11, YOBS16]. **biomedicine** [VRSJ15]. **biometric** [ZQD16]. **biometrics** [LH14]. **bioscience** [HCG07]. **BioScope** [HLL+15]. **Birds** [PCS+12]. **bit** [HLO+16]. **bit-parallel** [HLO+16]. **bitonic** [PSHL11]. **bitstream** [WYZ12, Zhe16]. **BitTorrent** [JJGL13, LNKZ08, TWN07]. **BitTorrent-like** [TWN07]. **black** [HW14, BHPS14]. **Blacklight** [CPS+14]. **BladeCenter** [SLM+10]. **blame** [BWEB14]. **BLAS** [Sør13]. **BLAST** [Kri05, SL14, YHK09]. **blind** [CLS14, LLQL14]. **Blinn** [DG11]. **block** [ABV05, LB11, PZZ08, PZZ10, SAD13, TPGC15, TQL+14, MDL+10]. **block-structured** [LB11]. **block-Toeplitz** [ABV05]. **blocking** [Cho01, ESGQ+11]. **blocks** [IQOvdG13, Tan12]. **BLOR** [LWF+15]. **Blue** [EMS11, RGL+15]. **Bluetooth** [CNPP09, WCCL05]. **Bluetooth-based** [CNPP09]. **board** [ABDO09, ZJS11]. **Boas** [Kuł14]. **body** [CGK14, GGV14, SSB+14, TL14]. **boldly** [LSS15]. **Boltzmann** [BFM+10, CGK+16, MWLS11]. **bone** [BCA+10, THM+11]. **bookmarking** [God12]. **Boosting** [ACIC+13]. **Border** [DT15b]. **BoT** [SRS16]. **botnets** [KKS12]. **bound** [CMMB13, CT11b, Cuz11, FOTW04, GLM+16, MCB14, PSIP16, SBDP15]. **bounded** [DZ13, LC09]. **bounding** [MCB14, YZW+15]. **bounds** [FMP10, LGFM05, vRGNP09]. **box** [XHCL15]. **BPEL** [Ley06, Slo06, TMF+10]. **BPEL4WS** [CKNW06]. **brain** [BDMM+05, EMEY14, PVR+09]. **branch** [CMMB13, GLM+16, MCB14, PSJM13, SBDP15]. **branch-and-bound** [CMMB13, GLM+16, MCB14, SBDP15]. **Brazil** [PS13]. **Brazilian** [GBMM15]. **breaches** [Kin04]. **Breaking** [WWS+12]. **bridge** [MMSN+01, VDL+15]. **Bridging** [RSSM06, HMFK15, Hun15, MTHK14]. **bring** [ADM06]. **Broadband** [DAC12, RDP10]. **broadcast** [KHZN06, LL10, MTK16]. **broadcast-based** [KHZN06]. **broadcasting** [AKMZ13, KMA04, LLKC08, ZQK15]. **broadcasts** [KCS07]. **broker** [BKM+07b, VBW06, AC02, ACC+07, CEM+08]. **Brokering** [DPGA11, ET09, KD15, PGW06, TSBR10, YLC11]. **Browsing** [CBQ+11, mLGP03, LXL+09]. **Broyden** [PV04]. **BSCHEF** [MRY+16]. **BSNet** [HFTQ13]. **BSP** [SGCA+16, dCGKG06]. **Bucket** [WDLL10]. **Bucket-based** [WDLL10]. **budget** [KD15]. **buffer** [CDN15, LWW06]. **bufferless** [GGLD11]. **bugs** [DS02]. **Building** [ASG+08, CZ11, CJZZ10, HZL+16, KKL06, RCXS09, Tan12, WNN+15, XZH+16, YR15, ART14, ACS10, BAS07, Bri16, CWMZ06, DH15, HKG08, MSL+14, MST15, NRW04, OTG+07, PWWR05, SNEP14, SLD+12, TMF+10, VRMB13, ZWL+13]. **built** [WWL+15]. **bulk** [BDT01, Kes04, YB12, GDD+04]. **bulk-synchronous** [Kes04]. **bulletin** [ABDO09]. **bursting** [ACC+15]. **Bursty** [LWT+16, GHMX13, KMA04, VO15]. **bus**

[LLC+15b, LYC16, MS10, ZWMT12]. **business** [HFTQ13, IÁE11, IÁBE11, LFH08a, MWJ+10, SvDO15, XLZD13, AK01, DKMV07]. **busy** [TY15]. **buying** [ZLH+15]. **buying-based** [ZLH+15]. **bytecode** [Cog03, Cog04, KN01, SD03].

C [Tan12, VDL+15, Bou06, BSB+03, GDMT+12, IS10, KS04, KW01, KS05, MRY+16, NTK08, PS07, SCBH09, SHST13]. **C#** [BHW05, WLR05]. **C-DBLP** [MRY+16]. **C-RAN** [SHST13]. **C2C** [XZJ11]. **C2C-PAKA** [XZJ11]. **caBIG** [HLB10]. **Cache** [HT15, AAF+07, BBC16, CPB07, CCSS10, CCW+15, DP14, GSG06, Gog11, HPS12, KKGO04, KSC12, PRU14, SC07b, WZXZ12, dRL10]. **cache-based** [WZXZ12]. **cache-efficient** [Gog11]. **Cache-oblivious** [HT15]. **caches** [RAFD14]. **caching** [CWL03, LR05, SNB+01, dRL10]. **Cactus** [DvdS06]. **CAFS** [WZXZ12]. **caGrid** [TMF+10]. **Cairns** [Run10]. **calculation** [Str11]. **calculations** [BGGL07, BDTdS13, PIH04, RGL+15]. **calculus** [KCW09, QLF+06]. **calendar** [LZC08]. **Calibrating** [SNEP14]. **calibration** [BLDW16, DLZ16, LCJ14]. **California** [GGR+10]. **call** [BM07, EPB14]. **call-graph** [EPB14]. **call-path** [BM07]. **callgraph** [CMW02]. **callgraph-based** [CMW02]. **camera** [LCJ14]. **campaign** [HFDJ10]. **campus** [DDX+06, MTHK14, CRB09]. **Can** [MTHK14]. **cancelable** [LH14]. **cancellation** [CW09]. **cancer** [DMM+07]. **candidate** [QZYZ16]. **canvas** [SvDO15]. **capabilities** [AL04, BCI+09, OK15, SPG08]. **capability** [ABG+05, RVD+12, RBB+09, XLMH14, YGL05]. **capable** [PRU14]. **capacity** [GEJ+08]. **CAPTCHA** [HCBRM16]. **capture** [BD08, FMS08, MCY+07, SGSC08]. **Capturing** [OORVB14, SP16]. **carbon** [AHB+10, HM12]. **carbon-flux** [AHB+10]. **card** [XZJ11]. **cardiac** [RCA+11]. **cardinality** [LLG+15]. **caring** [KF15]. **Carlo** [ATVLM14, CCO15a, NDT+16, RDP10, SS15c, WZJD13]. **CARMEN** [WHW10]. **CartaBlanca** [PCVZ+04, VDPC03]. **case** [BPT+16, BDMM+05, DT01, EDB+14, EMB11, GFG+09, HKS+12, HPS12, HCK+08, KOK14, LBTE14, LLN+14, LLH+09, MCP+12, NNK+07, NNvVdA09, PRC+14, RGL+15, SGD15, SvDO15, SE01, TMF+10, The01, dABV08]. **case-based** [LLH+09, NNK+07, NNvVdA09]. **cast** [RGCC15, WYQ+13]. **catalogues** [SK08]. **Catalyzer** [HCG07]. **catastrophe** [BRCV16]. **catchment** [DLM13]. **categorization** [KGGT12]. **causal** [BMA03, MGM+08]. **Causality** [CW09]. **CBIR** [PPP10]. **CC** [Cha03]. **CC-NUMA** [Cha03]. **CCA** [AAW+02, AKM+06, GCN09, GLC07]. **CCGrid'2007** [CS09]. **CCJ** [NMKB03]. **CCLRC** [ACMA07]. **ccNUMA** [CBPP02]. **CDL** [XDL+11]. **cell** [MLVB05, MNL15, QH10, RDP10, VDL+15, BHH09, DAC12, EMS11, KD07, SSK11, VSR+09, ZDC+09]. **cell-based** [MNL15]. **Cell/B.E.** [BHH09, VSR+09]. **Census** [DKMM14]. **Center** [HGT14, BKZ+13, CYD+15, DGW16, DMW+10, HSM14, LLC+15a]. **centered** [AHB+10]. **centers** [BB12, DGL+12, JZL14, JZL15]. **Central** [WHW10]. **centrality** [BOF15]. **centralized** [CRC15a, DKMV07, WGZL06].

centric [CN16, KSM+08b, Kri13, PBF15, SBJ+15]. **centroid** [FRKS12]. **century** [BHJ+16]. **certificate** [LDZ+14a]. **certificate-based** [LDZ+14a]. **certificateless** [DXWD16]. **certificates** [BAD+11]. **certification** [BFG14, HY12]. **certified** [XWXC14]. **CFD** [FBV+13]. **CGC2011** [CL13]. **Chain** [LXP+12, HAJL16, HLL+15, KSR14, LWC12, ZACG16]. **Chain-to-chain** [LXP+12]. **challenge** [CBBCD08, GH08, HSBMR08, LS14, PBD+15, MLA+08, SKS+08]. **challenged** [FP09]. **Challenges** [YWT+12, ZQH12, BCA+10, Dik07, DHC13, FBV+13, LLT+14, PT12, LF15]. **Chan** [YHJ+14]. **changes** [PWJ10]. **changing** [SWH08]. **channel** [DXZ+16, HKB07, LWG+15, LWW06, MS07, SCLK15]. **chaos** [MSV+10]. **characteristic** [KHW05]. **characteristics** [PIH04, WLZ11]. **characterization** [dOCPFJ13, HKS+12, RGL+15, SCC+10, dP06, vAVS12]. **Characterizing** [HKAC14]. **Charm** [BBK11]. **CHARMM** [NCWD+04]. **Chasm** [RSSM06]. **check** [LDZ+15, vRGNP09, LCC+03]. **Checking** [PNB04, BCCM16, CAC+08, HFF07, LCC+03, MK12, SZR16, YGL05]. **checkpoint** [Jon09, PGB03, BDB+13]. **Checkpoint-on-Failure** [BDB+13]. **Checkpointing** [LX08, dCGKG06, BBB+14, KAL07, MJ11, RMG+10, SGV12, YCW08]. **checkpointing-enabled** [SGV12]. **checks** [LGFM05]. **chemical** [HPHB+15]. **cheminformatics** [CBQ+11]. **China** [ZGRSC10, JW10, MZS+10, YQL+15, ZZYW10]. **Chinese** [HLX+16]. **chip** [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Puf13, RS12, XLL+15]. **chip-multiprocessors** [RS12]. **chips** [HTHW16, SSM04]. **Chiron** [ODS+13]. **choice** [CHZ10, CHZ12, SSMB15, WBM+10]. **Cholesky** [ZDG+14]. **choose** [PLY13]. **Choosing** [BFU07]. **chord** [BKH08, CCG+08]. **chord-based** [BKH08]. **Chord-like** [CCG+08]. **Choreography** [Ley06, ZDC15]. **chosen** [LZC14]. **chosen-ciphertext** [LZC14]. **churn** [WTN07]. **CILogon** [BFG14]. **CIM** [DLX+16]. **cipher** [WYL14]. **ciphers** [TQL+14]. **ciphertext** [LFWS15, LZC14, WZC16]. **ciphertext-policy** [LFWS15, WZC16]. **circuit** [AMSR14, CKRO13, MOK04]. **circuit-switched** [MOK04]. **circuits** [AMSR14, GLC+04, Sin10]. **citizen** [HAvI13]. **city** [BKLH09, WKL+11]. **Civil** [HCBRM16]. **clairvoyant** [BCM15, dSGD14]. **class** [God12, HWR03, LLT+14, SRF13]. **classes** [Bac03, GG09, WMA07]. **Classification** [KBE07, DLJ15, God12, HYLG15, HHKA14, LGQS12, MPS11, MSM+14, PLZ14, Pla08, QXXZ16, RS16, SN16]. **classifiers** [HZL+16]. **classroom** [GRGP12]. **ClearSpeed** [GSB+12]. **client** [FHH15, PB07a, PRS01]. **client-server** [PRS01]. **client-side** [FHH15]. **clients** [MWJ+10]. **climate** [WJYH16, Zho06, ZBC+07, ZDC+09, ZCD+12]. **clinical** [KSM+08a, KSM15]. **cloaking** [KHHC13]. **Clock** [BHH09, JK13]. **clocks** [TAI+11]. **clone** [LKKL16]. **CLORIFI** [LKKL16]. **closed** [BLDW16]. **closed-form** [BLDW16]. **closer** [MZK16]. **Cloud** [CR13, EBMD13, GWC+11, HSHT14, JRHJ16, LV12, PPC+15, SRAG16, TZLC15, VRMB13, AaBT16, ACC+15, AJY+15, ACG15, BV16, BCX15,

BHD13, BZD16, CSMB15, CCC+16, CYD+15, CSL12, CL13, CJZ+15, CXPL15, CLH+16, CJZZ10, CZ15b, CVK15, CRV15, DD16, DRS+13, DM15, DXZ+16, DCG15, ETR+13, FHO+15, FHH15, FLYL16, FPC15, FTR15, GMPT15, GWVP+14, HAAWA+16, HPD+15, HHPL16, IHB15, KC15, KM13, KCKC15, KBT+14, KKT13, LWC12, LLLJ14, LLL15, LWL15, LWG+15, LZY+16, LDXC13, LW13, LQL+15, LBY+16, LHLH16, LRS15, LSMVML15, MS13, MSST15, MCP+12, MK15a, MTT15, PLY13, PYKL16, PRCV16, PRD+13, PT12, RHRB13, RBP12, RBNG15, dRRdCRR16, RLDZ13, SBC15, SPJ14, SWW+16, Soo16, SKA+14, SCLK15, TZ16, THF15, TSL15, TY15, WLW11, WL12, WYBS16, WZLQ16, WWG+11, WSWL12, WNN+15, XBB13, XXX15, YSL+15, YLD13, YT15, YBZ+15, YYL+12, ZYZ+12, ZLN+13].
cloud
[ZDC15, ZNT+16, ZFJ16, dOOO+12, BB12, CR12, ESG11, KBB11, MDH+16].
Cloud-based [HSHT14, FPC15, dOOO+12]. **cloud-integration** [GMPT15].
cloudlet [YBZ+15]. **cloudlet-based** [YBZ+15]. **CloudMon** [LLL15].
clouds [BB15, CTAB16, GVK12, GYP+16, HM16, JMF09, KOK14, KSPM12, LBdM+16, LZW+16, LFWS15, LGL16b, MK15b, OKP16, PB16, PRP+15, SM11, SFCAV16, sTzNL16, VGN+16, WP12, YLR+13, YNX+16, ZZ15, ZLH+15, ZH15, WNN+15, EMS15, SBP12]. **Club** [SLT+06]. **Cluster**
[DMR+07, ACC+12, CWL03, DSO+01, ELM+16, FHO+15, FJP+05, HWZ+15, HON04, JAA08, Jon09, KF01, KSC12, LGL16a, LXRJ13, MG09a, MFG+13, MSS16, NO02, PDY14, RPK08, SF16, SLM+10, WJYH16, YCL11, YK10, ZP07, ZYZ06, EEK+04]. **cluster-based** [CWL03].
cluster-computing [ELM+16]. **clustered**
[DMA13, GSG06, LR05, LYL07, ZACG16]. **Clusterfile** [IT03]. **Clustering**
[BDY03, DRS+13, DLX+16, HW16, Jun16, KOO12, KPS14, LWY15, PCS+12, SS15a]. **clusters**
[AD02, BDL+15, BB04, BdL06, BHBD13, CFP+03, DWC+15, GKSR14, HR06, ITK09, IQOvdG13, KB13, LSP15, LKYS04, MOF15, MVML11, MWLS11, OLG+15, PSRR14, PKB03, PSJM13, RMP13b, RCLSK16, SV09, SS15c, TFG+12, TMAG03, WLW14, YWC11, ZSZ15]. **CMS** [FMS15]. **co**
[CCSS10, Jon09, ME08, VDB09, YYC10, MDV07]. **co-allocating** [ME08].
co-allocation [CCSS10, Jon09, VDB09, YYC10]. **Co-Array** [MDV07].
coalesce [NRR15]. **coalition** [BCdlCT06, HAAWA+16]. **coallocation**
[ET09]. **coarse** [CDA09, Yos06]. **coarse-grain** [Yos06]. **coarse-grained**
[CDA09]. **coastal** [ABC+08a, ZDA+07]. **Code**
[vWAH+02, AAP13, BFM+10, CC15, DVD+12, DZJ+15, FED03, FNBS16, FBV+13, GE06, JCVU15, JFI+08, KB06, LKKL16, LSH+16, MLVB05, MK12, Ogi02, PSW11, RLRG15, SPH13, VDL+15]. **code-copying** [GE06].
codes [AAF+07, GBFP09, KBG+09, LDZ+15, PWMX16, PHCR09, RCB03, RMCHMG15, SCLK15, Tan15, ZDB+14]. **CoDIMS** [PGO+04]. **coding**
[AZF+12, CSWB11, KCS07, PAM+15, Tan15, ZSL+15]. **coefficient**
[KKW+14]. **coefficients** [NDT+16, XYER16, ZZ14]. **coevolution**
[BPL12, WJT+14]. **CoG** [PTCN07]. **Cognitive**

[LSY+12, DLJ15, FXX16, LCMY13, TZYL13, WRLS12, WRDZ13, YCZ+13]. **Cogset** [VJK13]. **coherence** [SC07b]. **coherent** [PRU14]. **COIL** [OOTK01]. **Cold** [LWC12]. **Collaboration** [SNM15, AHB+10, ACF+07, CWZL13, DCEK15, DT15a, FWU+04, GRSB09, Kri13, VAC+07, YLEB14, ZM13]. **collaborations** [NRW04, TMS+12]. **Collaborative** [LF15, AMSS15, ACFT15, BHA+15b, CBHTE11, CH04, Dra15, DR15, EMB11, LGD15, MST15, NAP+07, PBD+15, PML+05, SHG+07, TZLC15, TSL15, WBHW08, WW08, ZDA+07, SPR+07]. **collaboratory** [MP02, ZSL+10, vLRF+02]. **collapse** [CCS14]. **collecting** [BDL+15]. **collection** [ANPR16, BCK+09, BML08, HM03, KSN16, TC12]. **collection-oriented** [BML08]. **Collections** [Tan12]. **Collective** [CHPvdG07, LCFkL05, HKRR08, NMKB03, SSZ13]. **collectives** [RTET15]. **collector** [Kal11, Puf13]. **collectors** [AP06]. **collision** [TZYL13]. **collisional** [RMCHMG15]. **colocation** [BPT+16]. **colony** [KC15, TV14]. **combination** [GFL04, ZHW+16]. **combined** [KKGO04, LWY15]. **Combining** [PAM+15, THF15, VJHB05]. **command** [WKL14]. **command-line** [WKL14]. **Commerce** [PRS16]. **commercial** [YQL+15]. **commitment** [BF07]. **Commodity** [MTD+02, PvLV+02, vLGL+02, RVRD10, SPMP11, vLFGL01]. **Common** [WD07, PBF15, WLR05, Zho06]. **Communicating** [May10]. **Communication** [CDN15, DWC+15, GPVCdBRO12, NRR15, SRM+15, AD02, BBPV05, BBCG02, BBK11, CHPvdG07, DBR13, DPST06, DBB+16, ETR+15, GKPT13, GRS06, HKRR08, HLHC12, JKZ03, LZW13, LCFkL05, MG09b, MPT07, MMSN+01, NMKB03, PH12, RIFR10, TTD+11, TNH15, TNI16, TKA+02, TV14, TW07, TAI+11, ZJKL10, ZLA+15, ZWMT12]. **Communication-aware** [CDN15]. **Communication-hiding** [DWC+15]. **Communications** [Ano15a, MLY10, MN10, BC16, CLH13, DZC16, FN13, Fox12, MRL16, RTET15, SSZ13]. **communities** [EMB11, JJGL13, MRY+16, PFC+09, RWK+02, ZX09]. **Community** [WD07, vLRF+02, BSC+15, BDI+07, LZWD+15, SFCAV16, WDW+15, WBB+07]. **commuting** [AKG13]. **compact** [IHA+15]. **comparative** [HPVRPF14, LLN+14, NJ15, PBF15, SAOKM04, SBC15, SCBH09]. **compare** [DHM14, KW01]. **compare-and-swap** [DHM14]. **Comparing** [GSB+12, KF01, KSG11, LKJ03, NTK08]. **Comparison** [GPS+07, PH12, BB13, Dra15, Fer13, GPW05, KIM+03, KHW05, KR04, KC06, MKIO04, PGB03, PSHL11, PRS01, SM02, SCRV11, SSK11, TMF+10, TZ16, ZKA07]. **comparison-based** [PSHL11]. **comparisons** [BKZ+13, CLYC16]. **compass** [RGCC15]. **Compatibility** [SM02, IÁBE11]. **Compensation** [SE01]. **competition** [MME13, XTZ10]. **competitive** [TBK06]. **compilation** [AC09, KKGO04]. **Compiler** [CCC12b, KL12b, RMCA12, TJF14, TXY+16, WMvP+09, LHC+07, LYL07, MCAB+02, MLP04, RMG+10]. **compiler-assisted** [RMG+10]. **Compilers** [Kni06, TFDA07, GE06, SM02, YTF+01, KB12]. **Compiling** [BB04, BK05, CCO+15b, NNON02]. **completeness** [ZX11]. **completion**

[NNK+07]. **Complex** [BCD+10, BFM+10, BDY02, Cog04, DJM12, Kar14a, LHL10, RW10, RHBK11]. **complexity** [CL14, HZHP09, HK02, OKM10]. **compliant** [dFMSPSW06]. **Component** [Ber07, JPWH02, JSS07, SBBE07, Zho06, ALKD16, AKM+06, CGB+06, DGR+07, EJF+16, JLCA07, MST+05, MB12, PFC14, PPC+15, PB16, SARL13, SVN12, TMR+07, VDPC03, WK07, XWFH08]. **Component-based** [JPWH02, JSS07, CGB+06, DGR+07, MB12, PPC+15, PB16, SARL13, VDPC03, WK07, XWFH08]. **Component-oriented** [SBBE07, JLCA07]. **Components** [JZZL06, AFR09, GBSHA01, KL12a, LSW07, PXY+07, QH10, RE03, RBO+02, SPLO06, SLB08, YBC+07]. **composable** [YL16]. **Composing** [EABVGV14]. **composite** [GYM14, RCKV12, ZLY+13]. **composition** [EAGVBVDS11, KL12a, NPTT06, Pre01, XDL+11, XWD+12, YLD13]. **Compositional** [DAB09b, MSS16]. **compositions** [LLX+15a, PPBB14, SGD15]. **compound** [SAP16]. **Comprehensive** [BDP+14, JAA08, dP06]. **compressible** [WJLD09]. **compression** [CS13, LSE+13, UMD+13]. **Computation** [FH01, TH10, ABDP15, CP14, ETR+13, EJD15, FLMRC02, GSV03, HZHP09, LG08, LSP15, LPA+08, MB16, NRR15, PSCK+15, PXY+07, Riz04, TWB13, WLWX14, WLWX16, WSRM12, ZP07, ZZ14, ZKJ+07, vRKS03, Ano06]. **Computational** [BA04, DDE+12, HBH02, Mar05, Qiu11, QFG14, QFT14, RBBH02, vdS06b, BFM+06, BPD06, CKC09, CCP+15, DBR13, DS07, DMD16, FP02, FMS08, KV12, KBG+09, KKWZ15, LMH+14, MP02, MAdS+10, MPSGD14, MTVF14, MD02, NAP+07, PW12, PSG03, PB07a, PYF02, PV15, RCB03, SNH15, Sha15, TP14, TRH+02, TV14, VDL+15, WGZL06, YHK09, YLC11, ZSL+10, vHKT+11, vdS06a, GTGT11]. **computationally** [GPV09, RMCN+07]. **computations** [BCI+09, DIK14, DKJ13, GGV14, GDMT+12, GS04b, MCP+12, MRS08, NNH+14, OCC+05, RMCA12, Rav16, RLMG16, RCA+12, SAP16]. **Compute** [MDH+16, BAC+15, SKNH09, ZWW14]. **Computer** [BM04, Nel05, SNM15, AKW04, BHJ+16, CPG+16, CPXA06, DMW+10, FJG+13, GQ04, LGdVH13, LHC14, LWL15, MCP+12, MO02b, NSSAK13, NSSAK16, PSJM13, RGAK15, SRM13a, WAD12, ZDC+09]. **computer-aided** [LGdVH13]. **computer/digital** [LHC14]. **Computers** [Kni06, TFDA07, BCM+07, BCC+05, DSO+01, ON01, ON02, PCVZ+04, RVRD10, RMCN+07, RSTV05, RLRG15, SSK11, SS15c, VdSK+05]. **Computing** [ACF+07, Ano15a, ACD02, Ber07, BRCV16, CR13, CM07b, FZ07, GM10, IBvA+02, JX06, KB12, LV12, MLY10, PHGK10, PW05, RR11, SN06, SCNH07, SFN12, Tho07, VC16, ZYH09, ZQH12, AaBT16, AML+15, AJY+15, ADF+13, Ano06, AKM+06, ABG+05, BGGS14, BFR05, BHM+12, BCX15, BCD+10, BHQOS15, BZD16, BKM+07b, BDG+10, BPT+16, BWW+08, BHKW12, BPD06, BAGS02, BM02, CL13, CJZZ10, CZ15b, CLS14, CAG+13, CL07, CMB06, CT16, CN02, CBP+04, CGB+06, COdO+11, Dab09a, Dam11, DD16, DRS+13, DED07, DWC09, DM15,

DKJ13, DCG15, ELM+16, EDBS08, Erw02, ETR+13, FJP+05, FJ05, FMS11, FMT16, Fox12, FB16, GFBR10, GKSR14, GKG+04, GBMM15, GS04a, GWC+11, GVP+14, HSM14, HQoS11, HWR03, IHB15, JRHJ16, JCK+13, JPWH02, JK13, KC15, KM13, KSM+08a, KKT13, Kri05, LGLA15]. **computing** [LBV16, LWC12, LLLJ14, LL15, LSS15, LDXC13, LLH+15, LQL+15, LBY+16, LAL02, LMOT10, MHJH16, MAS16, MB12, MK15a, MDH+16, MJD15, MM10, MZK16, MGR02, NNK+07, NC05, NJ05, OISS07, PW12, PYKL16, PRD+13, PIAH12, PC14, PRC+14, PT12, QZDJ16, QLL10, RRBB11, RHRB13, RVD+12, RBP12, RBNG15, RSSM06, RCA+12, RBB+09, RLC16, RCLSK16, SRS16, SM04, SL10, SG16, SBC15, SRAG16, SFH13, SFT15, Soo16, SRL+14, SWHL16, SS07, TTD+11, TZ16, TWSM05, TTL05, TTPJ16, TY15, VD05, WLLL16, WZ04, WCA08, WYBS16, WZLQ16, WSW+12, XCL09, XPWF15, XADLC15, XBB13, XXX15, XBM14, YCL11, YDB+13, YLEB14, ZH08, ZZ16, ZKJ+07, ZCD+12, ZYH12, ZXXN06, ZWW14, ZJS11, dAAVS12, BM12, SANB08, WLL03a, WLL03b]. **conception** [PBD+15]. **Concepts** [DMW+10, SP16, Sch04]. **Concurrency** [Ano06, FH01, TH10, BVGVEA11, BMS+09, BT04, CAC+08, CM02, FR02, HL06, Hoa10, LSW07, TRW07, WJH06, dCHMJ12]. **Concurrent** [AFGL09, BHM+12, BH05, SW09, Tan12, AKG13, ACGG06, ABS16, BL04, CL10, CGIP16, DZM+15, GM04, IR11, JK10, Kar14a, Kar14b, KIM+03, Kuł14, LPSF11, LDPZ14, LSW07, MKIO04, MISV13, MS05, MCC16, NRR15, RCKV12, SSZ14, WZZL13, WCC04, WO14, WL11b]. **Condensed** [BIK+11]. **condition** [IR11]. **conditional** [FBS16]. **conditions** [LBDS15, LFG05, SWH08]. **condor** [LTM+14, TTL05]. **Conference** [AF14, FZ08, WDM14, CL13, DR15, GWD15, PDD14, WDGK15, WT15, Fox01, Fox05]. **confidentiality** [XBW+15]. **Configurable** [SRF13, CGB+06, GKPT13, WZ04, YDL09]. **configuration** [CKRO13, GBSHA01, KKTHL13, KAM11]. **configurations** [PTL+16]. **configured** [STWSP12]. **Configuring** [ERZ+11]. **confinement** [PNB04]. **conflict** [BAS07]. **conflict-free** [BAS07]. **Congestion** [LLC+15a, WDW+15, ALL+15, WMA07]. **Congestion-aware** [WDW+15]. **Congestion-free** [LLC+15a]. **Conjugate** [MDL+10, SK09, SSK11]. **connected** [BF07, MRY+16]. **Connecting** [MH07, BSP11]. **connectivity** [CNPP09]. **conquer** [CCW06, YA04, ZLT+16]. **consciousness** [LLYL09]. **consensus** [BFG01]. **conservative** [BGdCCA11, DVB14]. **consideration** [XBW+15]. **considerations** [KBH+15b]. **considering** [TYHL12]. **Consistency** [OCS01, ADM06, ANTZ09, CY07, GKPT13, WNT02]. **consistent** [PQP13]. **consolidation** [ACG15, BB12, BB15, LBdM+16]. **Constrained** [XZT+11, KSR14, LLT09, MHLC+05, ZH15, ZLA+15]. **constraint** [DAC12, GAE+06, LWFL14, LGL16b, LNCY11, RC09, SKK02]. **constraint-based** [DAC12]. **constraints** [ACG15, AAE+09, CY07, Cuz11, Hun15, KZY15, LLG+15, MS05, TKK+11]. **construct** [CCCC06, zGWXT09]. **Constructing** [WKL+11, ZlC15, CLL14, RRR15, WCR+14, XZJ11, ZM13, ZZ11].

construction [GCO+14, SBBE07, SN16, WXY10, WBO16, YLR+13]. **consumption** [ADI+14, ADMQO14, FMT16, GYP+16, HLB10, NSSAK13, NSSAK16, RR15, dRRdCRR16]. **contact** [XM02]. **container** [BPdM06]. **contaminants** [VLF+13]. **Contemporary** [SNM15]. **Content** [Zic12, BM10, CHZ10, CHZ12, JQSP08, LNKZ08, MWPL15, PF12, PZZ08, PZZ10, SGSC08, TSBR10, YQL+15, ZW09]. **content-based** [JQSP08, MWPL15, TSBR10]. **contention** [BBK11, DHM14, WYQ+13, XCL09]. **Context** [And13, CAC15, IHA+15, CMT13, DHC11, DCFC08, HPS05, KR15, LS05, LCMY13, Sod05, ZLY+13, ZDC+09]. **context-** [DCFC08]. **Context-aware** [And13, IHA+15, DHC11, ZLY+13]. **Context-awareness** [CAC15]. **context-free** [LS05]. **contexts** [DPST06]. **Contextual** [GAE+06, KM13]. **contiguous** [PMAL14]. **continuity** [CN16]. **Continuous** [DDM16, LWYM16, LCT16, TMP16, TB12, ZSZ+14]. **contourlet** [PJW+14]. **contours** [PLL14]. **contracts** [BWEB14, Dam11]. **Control** [CN16, IÁBE11, NSSAK13, NSSAK16, AFGL09, ALZR11, ALL+15, ACG15, AFG+05, BCD+02, BEQOR13, BMS+09, BT04, BHA+15b, CSL08, CLH+16, DMA13, DZ13, FJ05, FR02, GBSHA01, IS10, Kar16, LM08, LXP+12, MLL+11, MLG15, MABP13, SARL13, Sin10, SW11, SW12, TJF14, sTzNL16, TBK+15, WMA07, WLW11, XCL09, XHH12, YBO10, ZCC+06, ZYN+07, ZXW16b]. **control-based** [LM08]. **controlled** [RCB+04, TV14, ZMZD11]. **controller** [LWW06]. **Controlling** [dSGD14, dRC10]. **convection** [JN03, MO02a]. **convection-dominated** [JN03]. **converge** [WYQ+13]. **converge-cast** [WYQ+13]. **convergence** [LZW+16]. **converter** [LCM12]. **convertible** [XWXC14]. **conveying** [MG09b]. **convolution** [PDC16]. **Cooperation** [Ano02, PRT09, KOOB15, MZW+16]. **Cooperative** [GCL08, HK07, IOOH12, JX06, QLS13, Bou06, CPB07, CWL03, DA15, FXX16, KIM+03, KKS12, MKIO04, SE01, WLLL16, WBZ10]. **coopetition** [CDH+15]. **Coordinated** [NB12, YZR14, Sod05]. **Coordinating** [CSL08, RE03, Pun01, UR04, YLLZ09]. **Coordination** [CCT15, OM06b, BHBD13, CW11b, LLLyL16, MZ06, OM06a, SNB+01, TCH+13]. **coprocessor** [DWC+15]. **copying** [GE06, HM03]. **CORBA** [BMV03, DPP03, MMSN+01, NDP+05, OSK+01, PvLV+02, SNB+01]. **Core** [ZQH12, AYN+14, ART14, ABC+15, AAW+02, BGGL07, BHBD13, BUVS10, BRCV16, CLH+11, CZG16, CZL12, CLRB15, DLZ16, ELM+16, GLM+16, HTHW16, HKAC14, HvNJB15, IZXM09, KSG11, LGLA15, LL16a, LQL+09, MGBC16, MCP+12, OAS+15, PZ11, RMP+13a, RLMG16, RHBK11, SPW09, STL+15, SEF+14, TYL+15, VDL+15, WJYH16, XZ09, ZYH09, ZYH12]. **cores** [BKSM+15, DXZ+16, HT15, ZQZ+16]. **Correct** [CT16]. **correction** [ZYLT06]. **correctness** [ASS08]. **Correlated** [BHBD13, MOK04]. **correlation** [KKW+14, PWJ10, RCM12, XHH12, XYER16, ZLY+13]. **cortex** [CP14]. **CoS** [KSPM12]. **coscheduling** [DRS+13, Sod05]. **cosmological** [WDG+14]. **Cost** [ESGQ+11, LSMVML15, PC14, SL10, BCF12, BXLJ16, HLHC12, MS13,

SGCA+16, WSL15, YDL09, ZLN+13, ZLZ15, ZFJ16]. **cost-aware** [WSL15]. **Cost-effective** [ESGQ+11, ZLN+13]. **cost-efficient** [ZFJ16]. **count** [KVGH11]. **counter** [LPC+14]. **counter-based** [LPC+14]. **countermeasures** [AAI12]. **counting** [AP06]. **coupled** [AFG+05, HC07, JK06, SV09, VDPC03]. **Coupling** [AFR09, Zho06, AvdADtH09, Boe12, FRB+06, ISS+02, ZDB+14]. **course** [ZL06]. **Courses** [GBB+15, LMH+14]. **CPC** [Kni06, KB12]. **CPPC** [RMG+10]. **CPSocio** [ZX11]. **CPSocio-SLN** [ZX11]. **CPU** [BEQOR13, DXZ+16, FTT15, GGV14, HLCW15, Kar16, LDZ14b, PDY14, PRG15, SD15, WLLL16, WDG+14, WJYH16, ZDX12]. **CPU-cores** [DXZ+16]. **CPU/graphics** [GGV14]. **CPU/multi** [SAP16]. **CPUs** [JdM12, RCLSK16, SEF+14]. **crawler** [DH13, GDJ16]. **crawling** [PZZ08, PZZ10]. **CRAY** [PSG03, BS04, BB13, BÇG14, LKJ03, LSK04]. **Creating** [CDH+15, CS15, DEF08, OGA+06, RBO+02]. **creation** [PLY13]. **credibility** [ZW09]. **criteria** [KSPM12, SVS+08, WJ12]. **Critical** [HL13, WK12, FAPC16, LL10, RS12]. **Cross** [GRSB09, HM16, WRLS12, ZBC+07, DCJ14, ET09, GW15, HKA+15, LPG+14, MD02, XZJ11, YLD13, ZDC15]. **cross-architecture** [GW15]. **cross-cloud** [YLD13, ZDC15]. **Cross-clouds** [HM16]. **cross-currency** [DCJ14]. **Cross-domain** [GRSB09, LPG+14]. **cross-Grid** [ET09]. **Cross-layer** [WRLS12, HKA+15]. **Cross-organization** [ZBC+07]. **cross-platform** [MD02]. **cross-realm** [XZJ11]. **crossbars** [LLN+14]. **crossed** [WLQL16]. **crowdsourcing** [XZH+16]. **Crunching** [GTL06]. **cryptanalysis** [WYL14]. **crypto** [CLH+11]. **crypto-core** [CLH+11]. **cryptographic** [ABDP15, QZDJ16]. **cryptographically** [HJM+11]. **cryptography** [BOB13, BBB16, NLYZ12]. **cryptography-based** [BOB13]. **crystalline** [XBB13]. **CSC** [LXP+12]. **CSFS** [HYX05]. **CSP** [MS10]. **CTL** [BCCM16]. **Cube** [EJD15, WLQL16, AS15]. **cubic** [PMAL14]. **CUDA** [BY12, CLYC16, DCD+14, ER12, FJZ+14, GWVP+14, HP11, HLO+16, KVGH11, KPS14, MMO+16, PSHL11, ZZZ+15]. **CUDA-quicksort** [MMO+16]. **cumulative** [CH04]. **currency** [DCJ14]. **Current** [TFDA07, Dik07, EDB+14, GKSR14, MG09a]. **curve** [BBB16, LBH07]. **custom** [PZ11]. **Customer** [JZL15]. **customized** [CSMB15]. **customizing** [FRKS12]. **cut** [SS15a]. **Cyber** [SZ11, DZW+11, WWL+15, ZX11]. **cyber-infrastructure** [WWL+15]. **CyberGIS** [HLL+15, LPW15, PWC+14]. **cyberinfrastructure** [BFG14, CW07, HLL+15, KHM+11b, LGD15, PRC+14]. **cyberinfrastructure-based** [HLL+15]. **cyberinfrastructures** [MRJ+14]. **cyberspace** [LNG+16]. **cycle** [KD10]. **cycle-scavenging** [KD10]. **cyclic** [RS12]. **cycling** [CGKW13]. **cyclotomic** [CL14]. **Cyclotron** [KD10].

D [CCW06, OLG+15, VDL+15, ACIC+13, DCG11, EMEY14, KSM+08a, MBP16, MCY+07, MJL01, PSLC11, PDC16, PSCK+15, TTR+10, YBC+07]. **DAC** [HPD+15]. **DAC-Hmm** [HPD+15]. **DAG** [RRR15]. **DAG-schedules**

[RRR15]. **DAI** [AKK+07, AAB+05]. **daily** [MAVG16]. **DALP** [LWYM16]. **damage** [ZYL10]. **DARPA** [SCC+10]. **DART** [DPK10]. **DartGrid** [CWMZ06]. **Data** [ABB+15, CLT+16, EPB14, GS04b, GPZ04, KPS14, LY14, MLS+15, MP04, PB07b, PK08, PS13, AKK+07, AHB+10, ANPR16, AC08, APHB16, ADM06, BC16, BDG08, BTCB16, BCF12, BM16, BB12, BB04, BV11, BKZ+13, BZdR+10, BSZ09, BHA+15b, BDMM+05, CEH+06, CV07, CYD+15, CBHTE11, CY15, CT12, CCSS10, CLH+16, CBQ+11, CFV+08, CT11b, CCP+15, CTAB16, Cuz11, CS13, DCG11, DFLNP07, DLX+16, DGW16, DIK14, DCY+08, DGL+12, DPK10, DZJ+15, DM15, DZC16, DS15, DYW16, DA15, EJD15, FVLS15, FAB+07, GLM+16, GD07, GvDHS12, GTL06, GKP+09, HMFK15, HVM+15, HKA+15, HAAWA+16, HZHP09, HWQ+16, HAJL16, HCG07, HWZ+15, HLB10, HAvI13, IÁE11, IÁBE11, JCP15, JFI+08, JZL14, JZL15, KMJ14, KOOB15, KKL06, KCZ+05, KB13, LSE+13, LSS05, LL10, LPH09, LLLJ14, LWF+15, LLC+15a, LWL15, LZY+16, LFWS15, LLLyL16, LL16c]. **data** [LWLZ11, LPW15, LBY+16, LHLH16, LMOT10, LPG+14, LLL16, LGD15, MWL+13, MMW16, Mal05, MTT15, MRS03, MISV13, MCB14, MCXP15, MGM+08, MWHW16, MSM+14, MLVBW12, NCD+08, NDT+16, OOTK01, OHJ13, Pat08, PDY14, PHCR09, PQP13, PIGK16, PdCMdS+12, PS07, PXY+07, PRU14, QXXZ16, QWW+16, QZYZ16, RKS02, RLZ15, RJ01, RLC16, SK04, SGD15, SAdB+16, SBJ+15, SdOVM16, SRAG16, SMBT07, SKA+14, SCV+08, SWZ12, TZK16, TTV08, TZLC15, TC12, UMD+13, VŠ11, VBW06, WWS+12, WLW11, WSL15, WZS+15, WJYH16, WQS+16, WYBS16, WBC+02, XCHK14, XPS+15, XAK16, XSMZ16, XYER16, XBB13, XXX15, XGXH15, YYCH10, YWY+10, YDB+13, YR15, YNX+16, YYL+12, ZLN+13, ZZ14, ZZ15, ZWL+15, ZZ16, ZNT+16, ZWF+06, ZHGX16, ZGX11, vHvdSvL03, vRS05, vSB06, BD04, FVRM15, PSIP16, SG16, YYC10]. **Data-aware** [CLT+16]. **data-based** [BTCB16, FVRM15]. **data-centered** [AHB+10]. **data-centric** [SBJ+15]. **data-dependent** [JFI+08]. **Data-driven** [LY14, KCZ+05, SRAG16]. **data-intensive** [CTAB16, HAAWA+16, MWL+13, WSL15, WQS+16, YR15, ZWL+15, ZWF+06]. **data-operation** [LWLZ11]. **data-oriented** [QZYZ16]. **data-parallel** [BB04, GvDHS12, LPH09]. **data-related** [LLL16]. **data-rich** [LPW15]. **data-sharing** [ZZ15]. **database** [AAB+05, CWMZ06, CNG13, HmLGP03, LLB04, LLWS09, LW13, RPK08, dFMSPSW06, WLDL08]. **Databases** [GMF01, BGM03, GR13, OCS01, Rav16, SC07b, SW12, WDLL10]. **datacenter** [ZWL+13, ZLZ15, ZWL+15]. **Dataflow** [WL11a]. **dataflows** [SdOVM16]. **DataGrid** [GTL06]. **dataset** [XYER16]. **datasets** [BMPS07, FCT+02, LTKF11, TMP16, WCH+07]. **dataspaces** [LHLH16]. **Date** [BCD+02]. **Davidson** [RR11]. **Dayao** [ZMJZ10]. **DBLP** [MRY+16]. **DDS** [CRGR+12]. **DDS-based** [CRGR+12]. **De-centralized** [WGZL06]. **dead** [CH04]. **deadline** [LWFL14, LGL16b, ZH15]. **deadlines** [VDB09]. **Deadlock** [LZC+02, EN16]. **deadlocks** [BHA15a]. **deal** [CCO15a]. **deblocking** [JML+16]. **debug** [BLA+14]. **debugger** [FSPC+02].

Debugging [Ur07, WK07, HM04]. **Decentralized** [ZXW16b, ACJ10, CZ11, CW11b, CL07, CCT15, DCEK15, Del08, DS07, JDB16, SGD15, WZC16]. **deception** [BCdlCT06]. **Decision** [ART14, BXLJ16, GPS+07, HLL+15, LZZ+15, NNvVdA09]. **decision-making** [GPS+07, HLL+15]. **decision-theoretic** [BXLJ16]. **Decisional** [LZC14]. **declarative** [ET15, HL06]. **decoders** [LDZ+15]. **decoding** [LDZ14b, Ree01]. **decomposition** [BJ01, BDV02, FH13, JN03, MGBC16, ZLT+16]. **decompression** [SHC+16]. **decoupled** [DD16, JQSP08]. **Deep** [RM03, ELM+16]. **defects** [EPB14]. **defence** [KKS12]. **Deferring** [AM01]. **Deficit** [LJML10]. **defined** [LLC+15a, TKK+11]. **definition** [BGM03, EMS15, MCG+08, OOTK01]. **definitions** [XWXC14]. **deformation** [PNL10, ZGRSC10]. **degree** [ZWLY16]. **DEISA** [Sod07]. **Dekker** [BDH16]. **Delaunay** [CCW04, CCW06]. **delay** [ALL+15, DZ13, LWFL14, RGCC15, WRLS12, WDW+15, XW13]. **delay-tolerant** [ALL+15]. **delays** [DBR13]. **delegatable** [Rua15]. **Delegation** [GLL16]. **delimitation** [DLM13]. **Delivering** [YSL+15, MCC+15, PSLC11, WL02]. **delivery** [HKA+15, VO15, YQL+15]. **Delphoi** [MvNK+06]. **deluge** [BDG08]. **demand** [ASWR12, CCSS10, CZG16, LL10, LWYM16, VGN+16, VO15]. **demand-aware** [CZG16, LWYM16]. **demand-based** [VO15]. **demands** [TGS14]. **Demystifying** [TPGC15, YQL+15]. **DENEB** [FÁBE11]. **Denial** [ORdSL13, CYD+15, VT15]. **denial-of-service** [CYD+15, VT15]. **dense** [ADI+14, ADMQO14, BGGL07, BHL+09, BCI+09, HLYD12, KB13, KLDB10, MCP+12, SD15, YDS+14]. **Density** [ZH16, FGC06, KPS14, LW05, LDZ+15]. **density-based** [KPS14]. **density-driven** [LW05]. **dependability** [XDL+11]. **dependence** [OKM10]. **dependencies** [KR11]. **Dependency** [Dra15, YYL+12]. **Dependency-based** [Dra15]. **dependent** [BM08, CN16, JFI+08, JM07, PB12]. **dependent-failure** [JM07]. **deploy** [CSMB15, YT15]. **deploying** [ABtGT+12, PKB03, WCL+10]. **deployment** [DZJ+15, ESG11, PLY13, RBBH02, WSWL12]. **deregulated** [CAC15]. **derivatives** [ATVLM14, DCJ14, WSRM12]. **descent** [JLH+16]. **descripting** [Bri16]. **description** [BH09]. **Design** [BKH08, BAZ09, EEK+04, GG09, GCN09, GLC07, HKA+15, HG11, KKJH03, KVGH11, LCM12, MPT07, Nel05, PL15, Puf13, RGL+15, Sin10, YCL11, AM01, AAB+05, BBGA03, CWC10, CLH+11, CHM15, DP14, Dra15, EB10, GTFA13, GRGP12, HZHP09, HXY+12, HPS12, ISKvW02, JCVU15, JM07, KWL+04, KAP13, LGdVH13, LRS15, MKKB04, PRC+14, PPBB14, PMG+15, SAdB+16, SBJ+15, SACJ04, SSM04, SWL+01, TKHA13, XBXS13, YYC10, YBB+07]. **designed** [JOC+15]. **Designing** [ABR+06, PZH+15, RBB+09, Rua15, RLVRGÁ14, AMSR14, CWMW15, VGL16, XBZ10, ZCL14]. **designs** [MAS+14]. **desk** [HFF07]. **desktop** [GKG+04, LJHL10, TAB+06, THF15, WJ09, ACJ10, LWY+16]. **Detailed** [SLGL16]. **Detect** [MRY+16]. **Detecting**

[MAdS+10, ZT09, HPD+15, LCH+06]. **Detection** [AMSS15, SLV12, BTCB16, CCCC06, CYD+15, DLJ15, FRKS12, GF07, HDDG09, JKV+15, LLL15, LWT+16, LGQS12, LZC+02, PFC14, PS07, RS16, RLDZ13, VRDTB+16, WL11a, WZJD13, ZBZ+15]. **detector** [JKV+15, YDL09]. **determination** [MJL01]. **determining** [FOTW04, Riz04]. **Deterministic** [CDA09, BB12, SSMB15]. **Developing** [SRTG+07, YAA07, LLT+14, SMY+15]. **Development** [FBH+01, KSN16, KHZ+15, MKKB04, MTVF14, Nov02, SFLS04, YLEB14, BR10, DCY+08, DCFC08, FÁBE11, FPC15, HCC+15, KA11, LGD15, MO02a, MGR02, PGP+10, PSW11, SKK01, VSB+15, vLRF+02]. **developments** [DDF+15, SFT15]. **deviations** [RVRD10]. **Device** [TTD+11, BR10, GIVRC+10, MPR04, XHH12, ZWW14]. **devices** [AA16, Aia15, CL16, ETR+15, LLLyL16, MBP16, PSLC11]. **DEVS** [BAZ09]. **dHPF** [MCAB+02]. **DHT** [ZFJ16]. **DHT-based** [ZFJ16]. **DHTrust** [XLL+12]. **DHTs** [CCG+08, ZLLL11]. **diabetic** [ZBZ+15]. **diagnosis** [CMW02, DFH10, LM07, XJZ13]. **diagnostic** [MKKB04]. **diagnostics** [ROA+07]. **diagonal** [XLL+15]. **diagrams** [WCR+14]. **dialect** [Bac03]. **difference** [PSCK+15]. **differencing** [MWHW16, PH12]. **different** [Boe12, GMVRGS15, MLS+12, WMA07]. **differential** [BJ01, PS10, PIAH12, RLVRGÁ14, TKB09, WYL14]. **differentiation** [vdKEL10, WYQ+13]. **Diffie** [LZC14]. **Digging** [DPS16]. **digital** [ASS08, CL01, DLM13, TGS14, VYK+10]. **digitized** [DKMM14]. **dilatational** [HTR10]. **dimension** [CBQ+11]. **dimensional** [GSB+12, HLCW15, JQL+15, JN03, JdM12, KOOB15, MMW16, MABP13, Ogi02, SWZ12, TBK06, WCH+07, ZM13, ZHZ+13]. **Dimensions** [AvdADtH09, HP11]. **Direct** [AV07, BdL06, WJ09]. **directions** [PMG+15]. **directive** [NO02]. **directive/MPI** [NO02]. **directory** [JCP15]. **DISCOVER** [MMMP01]. **Discovering** [GD07, SKA+14]. **Discovery** [KKW+14, LHXY08, AMRW06, BM16, CLTT13, GZG+16, GFG+09, GWVP+14, HVM+15, LKKL16, LDXC13, LAM+09, LLX15b, MLS+15, MTHK14, ORDG15, RCB+04, RCXS09, RSTV07, SGG07, WGG+07, ZSZ15, SGG07]. **discrete** [FBS16, MQOQOH01, SP16, SHP14]. **discrete-time** [MQOQOH01]. **discrimination** [GPVCdBRO12, XLMH14]. **disease** [Riz04]. **disk** [WCH+07, WTL+16, YYS15, ZBZ+15]. **disk-resident** [WCH+07]. **disks** [DXZ+16]. **Dispatching** [CKSC10]. **dissemination** [BLSP11, LWF+15, MLRR09, PF12, WZS+15]. **disseminative** [SW11]. **Distance** [YZW+15, BOF15]. **Distance-bounding** [YZW+15]. **distinguished** [EMB11]. **DistMe** [RTPPH12]. **Distributed** [ADSV16, AC09, Ano15a, BM12, BCCM16, CL10, CRB09, CT12, CPXA06, CM07b, DSMM+15, DBR13, DFH10, EN09, FH13, FB16, GBD16, HFF07, JBL16, JCK+13, Jos05, MWL+13, MN10, NSBR07, PHGK10, PDD14, RJ01, SCLK15, TWSM05, TTL05, TW07, TMZ07, Tur04, Ur07, VC16, XLWZ11, ZWMT12, ACJ10, AAW+02, ABDO09, AFG16, APHB16, AFT01, BGGL07, BFL+10, BBCG02, BDF15, BAS07, BZdR+10, BDV02, BYT+12, BM02,

BBGA03, BDMM+05, CLMM12, CACC11, CLTT13, CBPP02, CNG13, CKC09, CLH+08, CGH+06, CGN15, CN02, DCG11, DST11, DBGA16, DVB14, DLH01, DWC09, DKJ16, DvNM+11a, DvNM+11b, DL07, DZM+15, EDBS08, EABVGV14, EBGS01, EJF+16, FBH+01, FJ05, FT06, FN13, FBS16, GGHR16, GDJ16, GVC10, GLC07, GCL08, HWR03, HKG08, IBvA+02, JSPE15, JZL15, KSN16, KAL07, Kes04, KHM+11b, KMJ14]. **distributed** [KO06, KHZ+15, LL15, LWT+16, Lia16, LZC09, LLdA08, LBDS15, LMOT10, MST+05, MZ06, MMBP12, MLC04, MJ11, MFF04, MPSGD14, MRH14, MA15, MVML11, MP03, MDL+10, Not16a, OSK+01, OHJ13, OAS+15, OM06a, PCVZ+04, PFC14, PRS16, PVR+09, PWMX16, PAM+15, PQP13, RBO+02, Rav16, RS11, RGCC15, RHD+16, RM11, RO12a, RSTV05, RMCHMG15, SJB14, SK08, SFLS04, SLV12, SRM13a, SFCAV16, SG16, SARL13, SFT15, SLM05, SHP14, SS15c, TTV08, TTL06, TCH+13, TBK+15, VGL16, VT15, WGZL06, WJYH16, WZLQ16, WW08, WTN07, XCHY13, XPWF15, XW13, XLL+12, YDL09, YLJZ13, ZQZ+16, ZKR+07, dSGD14, vHMB08, vLDW11, TM01]. **distributed-shared** [BDV02]. **Distributing** [MT08]. **Distribution** [BD04, HMPPT13, MP04, QKSJ07, CCC+16, LLLyL16, LNKZ08, LFX+08, MLG15, MAS+14, MSG10, NPTT06, NTK08, PF12, QWW+16, RKS02, RTPPH12, SGCG09, XGXH15, YHHS16, YF13]. **distributions** [SRM+15]. **divergence** [CMMB13]. **divergences** [CSPM13]. **diverse** [HMM+09, VRSJ15]. **Divide** [ZLT+16, CCW06, YA04]. **Divide-and-conquer** [ZLT+16, CCW06]. **divider** [LCM12]. **divisible** [DL07, LYC16]. **division** [LZW13]. **DMG** [PB07b, PK08]. **DNA** [Bri16, CT16, HSHT14, LS15, MKKB04, SCRV11, SRF13, SER15, SSM04]. **do** [CHZ12]. **docking** [EDB+14, EB14, TCP+05]. **document** [PLZ14]. **documentation** [vLDW11]. **documents** [CL01, LFH+08b, Ros06, SS15a, ZSZ15, ZZ11]. **DoD** [MP04]. **DOF** [WRDZ13]. **DOF-based** [WRDZ13]. **domain** [AHH14, BJ01, GRSB09, JN03, LFX+08, LPG+14, MGBC16, MHH16, QH10]. **domain-specific** [MHH16]. **domains** [PGW06]. **dominated** [JN03, SJVR15]. **doubling** [WBO16]. **down** [DPS16]. **downlink** [LZW13]. **drill** [DPS16]. **drill-down** [DPS16]. **DRIVE** [CKSC10]. **driven** [CM02, DMA13, DCFC08, EdPG+10, FMT16, GLMT15, HPS12, KHZ+15, KCZ+05, LW05, LY14, PS10, PLL14, RVD+12, SRAG16, XDL+11, ZlC15]. **driver** [BR10]. **drop** [ALL+15]. **dropping** [GGLD11]. **drug** [BBGA03, GWVP+14, JvAB+15]. **DS** [MS07]. **DS/CDMA** [MS07]. **DSM** [KBVP07, VHBB03]. **DSMs** [BKCP09]. **DSP** [KL12b, LYL07, LLYL09, WLL14]. **DTM** [DFLNP07]. **Dual** [NLYZ12, BUVS10]. **dual-core** [BUVS10]. **duplicate** [RLDZ13]. **during** [SSZ13]. **duty** [CGKW13]. **DVFS** [PTL+16]. **DVMS** [QLS13]. **DWT** [ZZZ+15]. **Dynamic** [ALVY05, DLJ15, FT06, GBSHA01, KTR11, KKL09, KSC12, MRS03, NPTT06, NCD+08, PYKL16, PSJM13, RPK08, SPJ14, SHC+16, VCP16,

VGN+16, YWY+10, BB12, BB15, BDF15, CK13, CY07, CJZZ10, DSO+01, DZJ+15, DKJ13, FÁBE11, GYB+11, GLMT15, GD07, GD08, GPW03, IÁBE11, JOC+15, KJŚ+15, KR04, Kuł14, LOKW+10, LK03, LSMVML15, MZ06, DMRS15, NSBR07, RHRB13, RCA+12, SKK02, Sod05, STL+15, TMS+12, WRDZ13, XCL09, XBXS13, XBZ10, YL01, ZP06, ZEB10, ZZY+15]. **dynamic-memory** [GYB+11]. **dynamical** [GQ04]. **Dynamically** [KL02, And13, GGFPGB14, HLYD12, Li04, SWH08, WCL+10]. **dynamicity** [ZX11]. **dynamics** [AaBT16, AHP+13, BDW14, CAG+13, GKS09, KF11, LGL16a, RCB03, TCP+05, VCW13, WJLD09, XTZ10, ZNT+16]. **dynamics-based** [AaBT16].

e-Business [DKMV07]. **e-Commerce** [PRS16]. **e-course** [ZL06]. **e-Health** [LRS15, LDS+08]. **e-Learning** [GBB+15, ABR+06, SW11]. **e-Malaria** [GKM+08]. **e-Research** [SHG+07]. **e-Science** [DMM+07, GBB+15, HF05, WAS07, WC08, Xu08, KA11, LFH+08b, BD08, FGP+11, PME+08, RLS+09, SM11, SBP12, SGV12, VBW06, WHW10, YDB+13]. **e-services** [Hus15]. **E2** [WYL14]. **eager** [NC05]. **EAP** [HZC+14]. **EAP-based** [HZC+14]. **Early** [SMY+15, OKW15, SC07b]. **earth** [Nak02, TKA+02, TMAG03, AFR09, KHW05, Ogi02, PXY+07, VGL06, Zho06, ZBC+07]. **Earthquake** [Ano02, ZSL+10, FKP+02, HTR10, ISS+02, JW10, MHRI14, OKM10, PWJ10, SNK+15, TRH+02, TTR+10, YLEB14, YZ10, ZGRSC10, ZMJZ10]. **earthquakes** [MZS+10]. **EASI** [WNN+15]. **EASI-CLOUDS** [WNN+15]. **easily** [PKB03]. **easy** [MTA+07]. **EasyGrid** [BR04, BFM+06]. **Ecce** [SDB02]. **Ecology** [SZ11]. **eCommerce** [AHH14]. **Economic** [ACS10, BAGS02, Fox10, SS15b, KD15, MS13]. **economically** [MRS+10]. **ecosystem** [HFTQ13]. **ecosystems** [LFHT15]. **ECperf** [BG04]. **EDA** [LWK15]. **edge** [DED07]. **editing** [VYK+10]. **Editor** [ZQH12]. **Editorial** [AF14, BG14, BL13a, CR13, CL13, Din09, DKJ13, DKJ16, EN09, FN13, FH01, Fox10, Lee09, MHJH16, MPSGD14, Pie08, PDD14, RHJ13, RS13, SRM13a, SG16, SFH13, SNM15, TP14, WDM14, WDGK15, XCHK14, XCHY13, XPWF15, XADLC15, XBM14, LS14, McE10]. **Editorials** [ADF+13, Ano15a, BH16, BCX15, BM16, BHQOS15, BL13b, CČJ+16, DMD16, DP14, DM15, DR15, Fed13, FB16, GWD15, HKVW16, HdV13, HTW14, HTBR16, Hus15, JRHJ16, KKT13, LBW14, LBS15, LBT16, LL13, LWL15, LL15, LNG+16, LSS15, LS14, LLL16, MB15, Not16a, Not16b, OEP+15, PIGK16, PS13, QZH16, QFG14, QFT14, RBNG15, RHT13, RLC16, SF16, SRAG16, SFT15, VRMB13, VRSJ15, VC16, WT15, XAK16, XSMZ16, YMLR16, ZZ16, Zhu15]. **editors** [HdV13]. **education** [AMRT14, LMH+14, LPW15]. **EEG** [KOOB15]. **Effect** [SC07a, BGGS14, CAC+08, KNT+01, KKGO04, TV14]. **Effective** [EBGS01, WO02, CM05, CCC12b, CS13, ESGQ+11, JK10, LSE+13, MSP+13, MCXP15, MA15, ZLN+13]. **effectiveness** [CTY15, Eng15, KAL07, LLdA08]. **effects** [BDW14, ZZYW10]. **efficacy** [LWW06]. **Efficiency** [PDD14, dAGC11, GA09, GCPS+14, GVP+14, SSZ13,

TY15, Tru15, WCLH12, WTL+16, XLL+15]. **Efficient** [AD02, ANPR16, BB02, CCW04, CGN15, DVL13, DZC16, GKS+07, GP07, HZC+14, HWQ+16, HC07, HLO+16, LLKC08, LZT12, LDZ14b, LDZ+15, LAM+09, PZ11, RLDZ13, SZR16, WYZ12, WLLL16, WHXzL15, XBXS13, YCW08, ZLLL11, ZSL+15, ZYW+16, ACGG06, AZF+12, BD08, BF07, BG14, BB12, BB15, BAVM11, BT04, CLH+11, CLH13, CGKW13, CS16, CS13, DCJ12, DRS+13, DPP03, DHM14, EA12, FLL+14, FIO15, zGWXT09, GTFA13, Gog11, HKA+15, HCKF15, JLT06, JZL14, JWZ13, Kar16, KKWZ15, KVGH11, KKL06, LLRS03, LLLJ14, LDPZ14, LWF+15, LLL15, LCT16, MST13, OGA+01, PPP10, PS07, RMP13b, SRS16, SRM+15, SER15, SK04, Sha15, SHST13, SGV12, WBZ10, WZ16, WSWL12, XJZ13, XGXH15, YBO10, YLLZ09, YYC10, YF13, ZXW16a, ZYZ06, ZY12, ZJL13, ZSZ+14, ZZ15, ZQZ+16, ZH15, ZZC15, ZHZ+13, ZFJ16, ZHGX16, ZGX11, vNMW+05]. **efficiently** [ZYH12]. **eigenproblem** [PV04]. **eigensolver** [AYN+14, BWD15, RR11]. **eigenvalue** [BWD15, BIK+11, GSV03, GKK09, YDS+14]. **Elastic** [MDH+16, MVML11, PB16, GYP+16, LDXC13, MWPL15]. **elasticity** [dRRdCRR16]. **elastohydrodynamic** [GB07]. **electric** [CAC15]. **electromagnetic** [AML+15]. **electromagnetics** [PSG03]. **Electron** [CRC+15b, GSB+12]. **electronic** [CKRO13, GGFPGB14, RGL+15]. **electrophysiology** [KSM+08a]. **electrostatic** [VDL+15]. **element** [BJ01, BCA+10, CC13, CSTV06, GGR+10, HKB07, JN03, LHBW15, MO02a, OA02, QH10, XM02]. **element-by-element** [OA02]. **elements** [BHPS14, TGB+10]. **elevation** [DLM13]. **Elimination** [LGFM05, AM01, DDF+15, FED03, LWW06, Tan12]. **elliptic** [BJ01, BBB16, DVD+12]. **Embedded** [HTW14, MHJH16, VK12, Bri16, HXY+12, KHZ+15, MSP+13, RHT13, STWSP12, VH12, XCHY13, YWY+10]. **embedding** [Li04]. **embodiment** [TNH15, TNI16]. **Emde** [Kuł14]. **emergency** [MSST15, XZH+16]. **emergent** [GGR+10]. **Emerging** [Ang07, CY15, CS06, ZYH09, GLL16, WAD12, Qiu11, QFG14, QFT14]. **Emmerald** [AB01]. **eMOLST** [vLDW11]. **empathy** [HCBRM16]. **Empirical** [AHH14, Bok12, CHZ10, GGV14]. **employing** [HON04]. **emulated** [VRDTB+16]. **emulation** [NR08]. **enable** [ADM06, BM10, BBGA03, KKL09, TMS+12]. **enabled** [DFLNP07, ETR+15, FMM08, GHB+06, HYX05, LAC+08, ORdSL13, PXY+07, RSTV07, SGV12, WBD+03, ZYLT06]. **enables** [CDH+15]. **Enabling** [ACC+15, BDI+07, CPS+14, DPK10, LLLJ14, PF12, PML+05, SPSNvS07, BR04, DR15, FPR05, LPW15, RMCA12, dRRdCRR16]. **enactment** [OKP16]. **encoding** [BSZ09, DXG13]. **encrypted** [LZY+16, LW13]. **encryption** [BZD16, CLH+16, CZ15b, LFWS15, LZC14, MML16, WZC16, XWXC14, XXX15]. **end** [CK13, GM10, JK13, TMZ07, WL02, ZKJ+07]. **end-host** [TMZ07]. **end-to-end** [CK13]. **Energy** [AZF+12, JWZ13, Kar16, KHM+11b, KKWZ15, LDPZ14, MABP13, PRV11,

SRS16, Sha15, SHST13, XGXH15, YBO10, ZJL13, ALZR11, AAC+15, ADI+14, ADMQO14, ADSV16, AHK+15, ABDR13, BG14, BB12, BB15, CAC15, CLS14, CLH13, CGKW13, CSB+16, FMT16, GTFA13, GMVRGS15, GA09, GCPS+14, GVP+14, HKA+15, JZL14, KC15, LYC16, MS13, MAVG16, MST13, MCC16, NSSAK13, NSSAK16, PLL14, PTL+16, RR15, RMCN+07, dRRdCRR16, RGB+15, SNEP14, SSZ13, TY15, Tru15, WBZ10, WCZX16, ZY12, ZH15, ZGL07, PDD14]. **Energy-aware** [PRV11, JZL14, KC15, LYC16, MS13, RGB+15]. **Energy-efficient** [JWZ13, Kar16, LDPZ14, SRS16, SHST13, XGXH15, ZJL13, BG14, BB15, CLH13, CGKW13, GTFA13, HKA+15, MST13, WBZ10, ZY12, ZH15]. **ENES** [VGL06]. **enforcement** [Dam11, EBMD13]. **enforcing** [MLL+11]. **engagement** [XLY+16]. **engine** [CEM+08, Kar14a, MMSN+01, ODS+13, PPBB14, RDP10, VJK13, WJP14, DAC12]. **Engineering** [AF14, MP02, BHJ+16, HPS05, HY12, JCK+13, LSS05, LM07, LHBW15, MHRI14, SRAG16, TQL+14, XLY+16, YLEB14]. **engineering-level** [XLY+16]. **engines** [WZ04, WZ16, XLYX11b]. **enhance** [dAGC11, Jon09, LWW06]. **Enhanced** [BDTdS13, DXWD16, FTT15, KABD07, LLC+15b, MRS+10, PZZ08, PZZ10, PLZ14, WO14, YHJ+14]. **enhancement** [PBD+15, PJW+14]. **Enhancements** [AM07, AKK+07]. **Enhancing** [ADI+14, mLGP03, DWC09]. **enough** [PLR+14]. **ensemble** [BY12, QXXZ16, ZKJ+07]. **enterprise** [KD10, KM13, SLD+12, LR05, YAA07]. **enterprises** [DR15]. **entities** [Kri13]. **Entropy** [CYD+15, EPB14, MLG15, PSIP16]. **Entropy-based** [CYD+15, EPB14]. **entry** [MMS07]. **Environment** [SMBT07, ABR+06, BAZ09, BPB08, CLX07, CJZ+15, CGS15, CLH+08, CH04, CGN15, CEG+05, CN02, CLX+12, DKKL06, Den07, DL10, Erw02, FTRA15, GZG+16, GRSB09, GD07, GAW09, GVP+14, HR06, HAE09, HLL+15, IZXM09, JZZL06, Kes04, LAC+08, LJHL10, MZS+10, MLS+15, MMMP01, MYDM06, MGR02, OGA+06, PLY13, PVR+09, RHRB13, RGV09, RRWS08, Sch02, SDB02, VDdN+07, WL12, WZZL13, WCCL05, WLL03a, XXX15, YDB+13, YCWH07, ZYZ06, ZYZ+12, ZWL+15, ZL06, ZDL07, vNMW+05, CKSC10, HBG+06, IBvA+02, LV12, MCSML07, SPR+07, vSB06]. **environmental** [BAT13, ZKR+07]. **Environments** [CR08, CL08, CC09, EN09, SRdS09, SF10, ABtGT+12, AFG+05, BCK+09, BMA03, BHA+15b, BWW+08, CVK15, CS13, DCG11, DFLNP07, DHC11, EAGVBVDS11, EABVGV14, FP02, FRU12, JRHJ16, JQSP08, JPWH02, JK13, KJŚ+15, KZY15, LR05, LZC08, LZC09, LW13, LQL+15, MST15, MRS+09, NNK+07, PGK11, RRBB11, RWK+02, RVRD10, RGCC15, SM03, SGV12, SAP16, TB12, UR04, VGL16, WTL+16, YK10, ACF+07]. **equation** [BdL06, OLG+15, PS10, SSK11]. **equations** [BJ01, CSTV06, FYKW15, GSV03, HKB07, KD07, MQOQOH01, PIAH12, TYL+15, WLL14]. **equilibrium** [SPH13]. **era** [ELM+16]. **erasure** [PWMX16]. **ERLANG** [NTK08]. **Errata** [DKJ16, TNI16, WLWX16]. **Erratum** [Ano06, Ano15d, Ano15b, Ano15c, NSSAK16]. **error** [BZD16, KCS07].

error-tolerant [BZD16]. **errors** [BDW14, BL04, LCH+06]. **eScience** [Bou13, TH10, BDMM+05, PS13]. **Establishing** [RCKV12]. **establishment** [CVK15]. **Esterel** [Sin10]. **Estimating** [BOF15, JSPE15, DS15, HSHT14, ZWLY16]. **estimation** [AMHC11, ABG+13, DCK12, LLC+15b, VB16, YGG14, vEGW06]. **Ethernet** [Gog11, ZLA+15]. **ETL** [DYW16, TALT16]. **ETNGRID** [Ang07, CS06]. **EUBrazilOpenBio** [ABB+15]. **EULAG** [RCR+15]. **Euro** [BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, LBW14, LBS15, LBT16, Wis02]. **Euro-Par** [BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, LBW14, LBS15, LBT16, Wis02]. **Europa** [OTG+07]. **EuroPar** [CM07b]. **European** [CRC+15b, GG07, GTL06, KOK14, VGL06]. **Evaluating** [AJY+15, CTY15, FVLS15, MOF15, OSK+01, TKHA13, VSR+09, VdSK+05, GMVRGS15, KKV13, MRS+09, Rua15]. **Evaluation** [dCPD13, MN10, XPS+15, ACMM06, BD04, BUVS10, CRCC09, CKOG10, CNG13, CLW+15, DLPV07, DBB+16, DMA13, EEK+04, ESG11, FLYL16, FG16, FN13, FMP10, GS08, GGV14, GS04a, HG11, KJŚ+15, LH05, Li04, LL16b, LFH08a, LBDS15, MBP16, MDH+16, MPT07, MAH+02, Not16b, OCC+05, PB12, PBD+15, PRS01, RGAK15, SM02, SFCAV16, TKA+02, WMA07, WKT08, XWD+12, YZ10, ZF14, ZCC+06, ZDC15, ZL12, ZDX12]. **evaluations** [TMP16]. **Event** [XXY+16, CWZL13, FP02, FBS16, GCN09, Kar14a, KW11, LWT+16, LLX15b, SHP14, WK12, WCLC13, YP10, ZlC15, ZFT08]. **event-based** [YP10, ZFT08]. **event-driven** [ZlC15]. **events** [XZH+16]. **Everywhere** [AJM12]. **evidence** [TLWZ14, ZW09]. **evidence-based** [ZW09]. **evolution** [CAG+13, RLVRGÁ14, SDB02, TKB09]. **Evolutionary** [ZQLZ12, ADD+05, CQXW14, CLW+15, DST11, JC07, LC09]. **Evolvable** [HXY+12]. **evolving** [ER12, FNBS16, Li04, QXXZ16]. **exact** [RLDZ13]. **example** [KF11]. **examples** [HZL+16]. **exascale** [BDL+15]. **exception** [QLD+11, TCBR+10]. **exchange** [AR16, AKG13, DCJ14, FIO15, FBS16, GVK12, LVN+12, LBY+16, QMK12]. **exchanged** [QLLS15]. **Exchanges** [AS15]. **excitation** [RCA+11]. **exclusion** [BDH15, BDH16, DHV03]. **executable** [FED03]. **executing** [LPSF11]. **Execution** [SAP16, AHM06, AAE+09, BPB08, CMB06, CCP+15, DRS+13, EJD15, FÁBE11, FOTW04, FM08, HPS12, KWL+04, LM08, LPS+09, LCT16, LY14, MYDM06, PPBB14, QLD+11, RC09, RMCHMG15, TZK16, TBK+15, XLZD13, dOOO+12]. **executions** [NB12, dSGD14]. **executives** [RS12]. **exemplars** [KB13]. **exercise** [GPS+07]. **Existing** [BDT01]. **ExNa** [WZ16]. **exotic** [DCJ14]. **expensive** [GPV09, ZYZ+12]. **Experience** [Ano06, BHW05, SNB+01, TH10, BCC+05, CHPvdG07, GTL06, KBH+15b, LRS15, MKB01, RSC+15, TTL05, TDM+02, WWG+11, WJLD09, FH01]. **Experiences** [AHK+15, BGV+01, GBMM15, MSL+14, SLD+12, BCM+05, NCWD+04, SBJ+15, SMY+15, SRTG+07]. **experiment** [BD08, HGB+08]. **Experimental** [BRWB06, GBB+15, LFX+08, AFG16, GRS06, RGAK15, WOH+13, ZPG10].

Experiments [BCdlCT06, CT12, FLMRC02, KBT+14, PPST09, ZBC+07]. **experts** [MTHK14]. **explicit** [FIO15, JMF09, ZZC15]. **exploitation** [ADF+13, OGA+01]. **Exploiting** [BCI+09, BG14, CS13, EdPG+10, Jun16, LPH09, ZQZ+16, ACG15, KTM+09, Nob08, SPW09, TZLC15, VSB+15, YZR14]. **Exploration** [FTT15, ABDP15, KAP13, PDY14, PL15]. **Exploration/exploitation** [FTT15]. **explorations** [JCVU15]. **exploratory** [HSRN11, XYER16]. **Exploring** [BS10, CSL12, DZJ+15, HTHW16, LNKZ08, SZA08, ZYH09, ZYH12, YBZ+15]. **ExPregel** [SNH15]. **expressiveness** [YS07]. **expressivity** [KS04]. **Extended** [DPS16, SSZ14, AS15]. **Extending** [BVGVEA11, BDB+13, FTR15, FMMD13]. **extensibility** [Slo06]. **extensible** [CS15, DLZ16, RHD+16]. **extension** [DIK14, HKRR08, SCV+08, ZG04]. **extensions** [ANTZ09, BDT01, ISKvW02, Pac16, SIOS02, ZZ14, vRKS03]. **Extracting** [CSBL12, MGM+08]. **extraction** [BTCB16, DCG11, DPK10, HLO+16, LFX+08, WYZ12]. **extrapolation** [CH04, KRS11]. **Extreme** [BCA+10, BBB+14, DZJ+15, EN16, RLRG15, WQS+16]. **extreme-scale** [BBB+14, EN16]. **extremely** [MWW10]. **Exudates** [ZBZ+15]. **Eye** [MRS+09]. **EZRP** [KABD07].

F [KS04]. **Face** [WZJD13, HDDG09, XHH12, MKX+15]. **FACE-IT** [MKX+15]. **facilities** [ACMA07, BVGVEAFG11, MH07, WLDL08]. **Factor** [AS15]. **Factor-Optical-Factor** [AS15]. **factorization** [BLKD08, Cho01, DFLL14, JLH+16, WZ04, ZDG+14]. **factorizations** [ADMQO14]. **Factors** [HMM+09]. **fading** [MS07]. **Failure** [EPA15, LFHT15, GMS09, JM07, MST13, SC07a, YDL09, BDB+13]. **Failure-resilient** [EPA15]. **failures** [LSW07, MAS+14, PWMX16]. **fair** [DXWC16, GGS+16, LLKC08, TZYL13]. **Fairness** [RCT03, NvV09, dSGD14]. **FairThreads** [Bou06]. **Faithful** [STL+15]. **Fake** [JBL15]. **Falcon** [VRMB13]. **False** [CACC11]. **family** [Kac11, KHM+11a, SLM04]. **FarGo** [GBSHA01]. **farming** [CKBB14]. **farms** [GVC10]. **Fast** [ACC+12, DFC12, FYKW15, GCO+14, NN07, PSHL11, WBO16, AB01, DLZ16, FOTW04, KCB09, Kuł14, LZH+15, LY14, MKKB04, MRH14, NA15, PMAL14, SJVR15, TCP+05, WZLQ16]. **faster** [LS15]. **FastFlow** [ART14]. **fat** [ESGQ+11, ZJKL10]. **fat-tree** [ZJKL10]. **fat-trees** [ESGQ+11]. **Fault** [AAE+09, BV11, FD01, LHT+09, NDP+05, ZJS11, ACJ10, ADM06, BF07, BHBD13, CCCC06, CJZ+15, ET15, Fec12, GGR+10, HTR10, ISS+02, KAL07, OKM10, PYKL16, PGK11, ROA+07, VYK+10, XPWF15, XTLG08]. **fault-tolerance** [CJZ+15]. **Fault-Tolerant** [NDP+05, AAE+09, FD01, ZJS11, ACJ10, BF07, Fec12, KAL07]. **faulted** [PNL10]. **faults** [KF15, XM02]. **FC2Q** [ACG15]. **feasibility**

[BdL06, HKG08, SS15b, SZA08]. **FEAST** [TGB+10]. **Feature** [Pre01, KOOB15, MSM+14, ZWLY16]. **Feature-oriented** [Pre01]. **Features** [KS05, vLGL+02, BDY03, KBH+15b, LSH+16, ZYZ16, ZHW+16]. **Feautrier** [Viv03]. **federated** [BFG14, GRSB09, GVK12, LHL10, LBdM+16, MSST15]. **federations** [HAAWA+16, DMRS15]. **FEM** [OA02]. **femtocell** [WRDZ13]. **Ferrini** [Ano06]. **fetch** [MNL15]. **FFT** [BHM+12, DT01]. **field** [MZ06, NNH+14, XXY+16]. **field-based** [MZ06]. **field-programmable** [NNH+14]. **fields** [HCKF15]. **file** [AC06, BGdCCA11, BKND16, BDT01, BAS07, DL10, DZM+15, HYX05, HCK+08, IT03, KKL09, Lia16, LLYL09, SNB+01, TWN07, Tru15, YYCH10, ZH08, AC08]. **file-transfer** [AC06]. **files** [CCC12a, LYL07, LLYL09, SdOVM16]. **filling** [LBH07]. **filter** [AA16, BY12, Jos05]. **filtering** [BHA+15b, IZXM09, JML+16, TZLC15, VŠ11]. **filters** [GPV09]. **finance** [DMD16, PW12, TP14, DDE+12]. **financial** [GCO+14, GGS+16, MB16, RDP10, TTPJ16]. **Finding** [ATI14, BL04, CT11a, DS02, JCVU15, KB13, MSV+10, KHM+11b, TZK16]. **findings** [GCPS+14]. **Fine** [BVGVEAFG11, BHA+15b, Hoa10, JCP15, KWL+04, CLH+16, CLX+12, NNvVdA09, RAFD14, RLVRGÁ14, TNH15, TNI16, sTzNL16, WLW11, ZYN+07]. **Fine-grain** [Hoa10, JCP15, NNvVdA09]. **Fine-grained** [BHA+15b, KWL+04, CLH+16, CLX+12, RAFD14, RLVRGÁ14, TNH15, TNI16, sTzNL16, WLW11, ZYN+07]. **finger** [CCG+08]. **fingerprint** [ZHW+16]. **Finite** [XM02, BJ01, BCA+10, BHPS14, CC13, CSTV06, JN03, LHBW15, MO02a, NNH+14, PSG03, PH12, PSCK+15, QH10, TGB+10]. **finite-differencing** [PH12]. **Finite-element** [XM02, JN03, MO02a]. **finite-volume** [PSG03]. **firewall** [CWMW15]. **FireWorks** [JOC+15]. **First** [MLA+08, WJLD09, PMAL14, CR08, CS06, DT15b]. **fish** [LKPM09]. **fit** [PMAL14]. **fitness** [BSP11]. **fitting** [Ley06, PLL14]. **fixed** [CY07, KW11]. **fixed-priority** [KW11]. **fixed-time** [CY07]. **flash** [LWF+15, DVD+12]. **Flexibility** [BKM+07a]. **Flexible** [BAVM11, CGKW13, CJ12, BM10, BFM+10, CEG+05, IT03, WNT02, dRC10, vNMW+05]. **floating** [BTG06, LCM12]. **floating-point** [BTG06]. **flood** [HGB+08]. **flooding** [GS08]. **flooding-based** [GS08]. **floorplanning** [ACIC+13]. **flow** [DdB01, GCWE15, GPS+07, HKB07, IÁBE11, LW05, LXW+16, LL16c, LHXY08, LXL+09, MWLS11, SARL13, ZYW+16, ZGL07, vLDW11, GHB+06]. **flows** [BFM+10, DGW16, SPZ+10]. **fluid** [BFM+10, BDY02, BDY03, HC07, MB14, MWLS11, RCB03, RCR+15]. **fluid-particle** [BDY03]. **fluids** [BDY02]. **FluMapper** [PWC+14]. **flux** [AHB+10]. **fly** [PS07]. **FMIPv6** [WCLH12]. **FMM** [ABC+16, MRH14]. **focus** [AHH14]. **focused** [DH13, PZZ08, PZZ10]. **Fog** [SWHL16]. **folded** [QLLS15]. **Folders** [Ros06]. **folding** [NCWD+04, TTD+05]. **folksonomy** [FBYO12]. **follow** [PBD+15, PdCMdS+12]. **follow-up** [PBD+15, PdCMdS+12]. **following** [LJPP16]. **food** [MKX+15]. **footprint** [DS15, SZR16]. **forecast** [ABC+08a, VCW13, ZZYW10]. **forecasting**

[HHKA14, TTR+10]. **foreign** [DCJ14]. **foresight** [WKL+11]. **foreword** [KKT13]. **fork** [RR15]. **fork-join-based** [RR15]. **form** [BLDW16]. **Formal** [KAP13, Aia15, BAZ09, EL01, QLF+06, XWXC14]. **formalisms** [WGP+15]. **formalized** [XBZ10]. **Formation** [CG10, BCdlCT06, HAAWA+16]. **forms** [BIK+11, GKK09, ZXW16b]. **formulae** [vEGW06]. **formulations** [SSB+14]. **Fortran** [BB02, BSB+03, CCW04, FSPC+02, ISKvW02, KS02, LCC+03, MDV07, SIOS02, SD03, vWAH+02]. **Forum** [GPW03, Lee09, SKNH09]. **forward** [BDB+13, OKW15]. **forwarding** [WDW+15]. **Fostering** [VAC+07]. **Foundations** [Nar05]. **four** [WCH+07]. **four-dimensional** [WCH+07]. **Fourier** [SP16]. **Fourth** [CW11a]. **FPGA** [GSB+12, LDZ14b, WZ04, YOBS16, ZDX12]. **FPGA-based** [WZ04]. **fragmentation** [LCMY13]. **frame** [MPHL03, TKHA13]. **FRAMESELF** [AM15]. **Framework** [Ber07, EFG+03, AM15, ALZR11, AAW+02, ABC+08b, ADK+16, BPdM06, BB15, BKCP09, BR04, BAC+15, BSZ09, BPD06, CCCW13, CA06, CVK15, CS15, CN16, CM02, CGB+06, Cuz11, DZW+11, EBMD13, EDBS08, EHSU07, FAPC16, FRB+06, FMT16, FJG+13, GD08, GLC07, HK02, HAE09, HLHC12, HFTQ13, IAH+15, JZJW15, JM07, Kri05, KTB04, Ley06, LGG16, LMOT10, MB14, MDV07, MV16, NMM+10, NRW04, OISS07, OTG+07, PSRR14, PWWR05, PTL+16, PRG15, PMG+15, QSMK04, RBO+02, RSC+15, RHD+16, RSMFE+12, RCLSK16, SPG08, SZL09, TTV08, TMP16, TKB16, TBK+15, UAW09, VS02, WNT02, WLW14, WSWL12, XZJ11, YGL05, YR15, ZXW16a, ZS01, ZP06, ZLN+13, ZSZ+14, ZCL14, ZDB+14, ZL12, AK01, Zho06, ZBC+07]. **Frameworks** [HmLGP03, vdS06b, GPS+07, GGV14, LLT+14, PPMH15, PBF15, YWA07, vdS06a]. **framing** [CHZ10, CHZ12]. **FRAPP** [ZLN+13]. **free** [BT04, BAS07, LLC+15a, LS05]. **freedom** [IR11]. **frequency** [AD15, CSBL12, EA12, Kar16, LZW13, NLYZ12, PLZ14, XBXS13, YZW+15]. **frequency-division** [LZW13]. **frequency-improved** [PLZ14]. **frequency-inverse** [PLZ14]. **frequent** [CT11a, ZSZ+14]. **freshness** [ASS08]. **friendliness** [BKM+07a]. **Frontier** [XADLC15, LWL15, TZK16]. **Frontiers** [ZYH09, ZYH12]. **FRP** [WZLQ16]. **FT** [XTLG08]. **FT-Grid** [XTLG08]. **Fulfilling** [HHPL16]. **Full** [RSTV05, MB16, Pla08, ZNT+16]. **full-pixel** [Pla08]. **fully** [OHJ13, SK04]. **fun** [vdS06b]. **Function** [Soo16, Boe12, LGQS12, PWJ10, PSM+11, TQL+14]. **functional** [CC15, KS05, LDPZ14, SRL+14]. **functions** [LPSF11, QZDJ16, SPZ+10, vWAH+02]. **fused** [FTT15]. **fusion** [AT01, And13, GKS+07, GIVRC+10, RMCHMG15, WLW14, WZXZ12]. **Future** [SCNH07, DLP03, WKL+11]. **futures** [BGGS14]. **fuzzy** [ACG15, BTCB16, HW16, LWW06, MMBP12, RSR06].

G [LCYJ08, MCWL06, RMP+13a, RSTV07, YHK09]. **G#** [LGL16a]. **G-1** [RMP+13a]. **G-BLAST** [YHK09]. **G-PASS** [MCWL06]. **GA** [BPL12, FTT15]. **GAF** [PWWR05]. **Galaxies** [MCC+15]. **Galaxy** [ACC+15, MSL+14]. **Game** [PRC+14, CG10, CQXW14, CLW+15, FXX16,

HAAWA+16, LC09, MZW+16, WWS+12]. **game-based** [MZW+16]. **game-theoretic** [CG10]. **games** [CRC15a, Ios11]. **gap** [Hun15, RSSM06, BHJ+16]. **garbage** [AP06, BCK+09, HM03, Kal11, Puf13]. **gas** [WJLD09]. **Gaspar** [MSS16]. **gate** [NNH+14]. **Gateway** [DT15b, WDGK15, BSC+15, CM07a, CGK+07, CDH+15, GWD15, JvAB+15, MRJ+14, MWL+15, MKX+15, PGP+10, PMG+15, SBJ+15, SvDO15, SBB+15, SMY+15, Sod07, VSB+15, CGK+07, GBB+15, LPW15, PYF02]. **Gateways** [WD07, ACF+07, GBMM15, HMFK15, LZWD+15, MCC+15, MTA+07, MCD+15, OTG+07, SvDO15, Sod07, WBB+07]. **gather** [MTK16]. **GAUGE** [HBG+06]. **Gauss** [Tan12]. **Gaussian** [DDF+15, HCKF15, VŠ11]. **gaze** [MRS+09]. **GCC2004** [JX06]. **GCE** [Tho07]. **GCF** [FRB+06]. **GCViR** [TSBR10]. **GEANT4** [CRC+15b]. **GenApp** [BAC+15]. **Gene** [EMS11, RGL+15]. **Gene/L** [EMS11]. **Gene/P** [RGL+15]. **General** [ETR+13, ABDP15, BSZ09, FRB+06, FBV+13, LKPM09, MWPL15, PSRR14, RMP+13a, SNK+15, TXY+16, WLW14]. **General-purpose** [ETR+13, ABDP15, LKPM09, RMP+13a, SNK+15]. **generalized** [BCM+07, BMS+09, CL14, DFC12, KSM15]. **Generate** [DIK14]. **Generate-map-reduce** [DIK14]. **generated** [YOBS16]. **Generating** [ER12, vHKT+11, AAP13, Ios11]. **Generation** [LXL+09, Aia15, Ang07, CC13, Can06, CDL08, CS06, CPS+14, DCD+14, GPS+07, HCKF15, ISS+02, KKTHL13, KB06, KBE07, KMJ14, LMO15, LBH07, MSL+14, MK12, PPMH15, QEB+10, UAW09, XW13, XBM14]. **generations** [AP06, RVD+12]. **Generative** [HBG+06]. **generator** [DYW16, vWAH+02]. **Generic** [LL05, APHB16, GvDHS12, SO16, XZJ11]. **genes** [COdO+11]. **Genetic** [SAB15, TZK16, BDTdS13, GYM14, HW16, KKWZ15, KPS14, LWW06, MHLC+05, PV15, Riz04, SJVR15, TRW07, WLL03a]. **genetic-based** [KKWZ15]. **genome** [MKAKG14, WWL+15]. **genome-based** [MKAKG14]. **genome-wide** [WWL+15]. **genomes** [ALVY05, COdO+11]. **genomics** [TGS14, MSL+14]. **geo** [JZL15, PAM+15]. **geo-distributed** [JZL15]. **geo-referencing** [PAM+15]. **geodynamics** [ZKJ+07]. **geodynamo** [DGJ11]. **GeoFEM** [FCT+02, MO02a, MO02b, NO02]. **GeoFEST** [PNL10]. **geographic** [JWZ13]. **geographical** [ASG+08, ZSZ15]. **geometric** [ZYLT06]. **geometrical** [FMS15]. **geometries** [BFM+10]. **geometry** [ZP06]. **geometry-based** [ZP06]. **GEONGrid** [YBB+07]. **Geosciences** [PW05, MCY+10]. **geoscientific** [BvIF10]. **geospatial** [DCY+08, LPW15, Pie08]. **geotagged** [Jun16]. **Getting** [Nob08]. **GF** [SAD13]. **Gibraltar** [CSWB11]. **gigabyte** [FCT+02]. **GIS** [ABC+08a]. **GIS-based** [ABC+08a]. **gLite** [KSM+08b, KKV13]. **Global** [BFL+10, FWU+04, NDT+16, AHB+10, ADK+16, BDMM+05, HKS+12, HBKM06, LLYL09, Ogi02, PRD+13, TKB09, TBK+15, VBW06, YSL+15, YCW08, ZDB+14, ZHW+16]. **Global-scale** [BFL+10]. **Global-view** [NDT+16]. **Globus** [ACFT15, DCY+08, Jac02, Kri05, MSL+14, MCC+15]. **Globus-based** [DCY+08, Kri05]. **GMarte** [AHM06]. **GMP** [SFLS04]. **go**

[LSS15]. **goal** [JBL16]. **goal-oriented** [JBL16]. **goals** [TALT16]. **GOLD** [PCH+08]. **gone** [LSS15]. **Gossip**
[OHJ13, ABDO09, BDL+15, NJ15, VvSI07, ZK08]. **gossip-based** [VvSI07, ZK08]. **GP** [LSP15]. **GPAW** [RGL+15]. **GPFlow** [RRWS08]. **GPGC** [ZYLT06]. **GPGPU** [CCO15a, PIAH12, ZWW14]. **GPGPUs** [SSB+14, PW12]. **GPU** [SPZ+10, ADK+16, ABG+13, BEQOR13, BFM+10, BKSM+15, CMMB13, CSPM13, CS16, DRZ13, ER12, Fer13, FTT15, GSB+12, HQoS11, HW16, IOOH12, ISO+14, JML+16, JLH+16, KH12, LDZ14b, LSH+16, LCT16, LLH+15, LS15, LSP15, MMO+16, MNL15, MWLS11, NRR15, PDY14, PRG15, PDC16, PL15, PH12, RSC+15, RSMFE+12, SAP16, SD15, SN16, SS15c, TPGC15, TDM+15, VLF+13, WLLL15, WLLL16, WDG+14, WBO16, ZDX12, dCRS11].
GPU-accelerated [ADK+16, CMMB13, IOOH12, JLH+16, LS15].
GPU-based [ABG+13, HW16, MMO+16, PDC16, RSMFE+12]. **GPUs** [ALKD16, AHK+15, BCI+09, BY12, CZL12, ETR+13, GW15, HP11, HCKF15, KVGH11, KB13, MLS+12, RS11, RCLSK16, Sør13, TXY+16, VFG11, YDS+14, ZZZ+15]. **GPUSGD** [JLH+16]. **GRADE** [Kac11].
gradient [JLH+16, SK09, SSK11, MDL+10]. **gradual** [RC09]. **graduate** [MTVF14]. **grain** [Hoa10, JCP15, NNvVdA09, Yos06]. **grained** [BHA+15b, CDA09, CLH+16, CLX+12, KWL+04, MDL+10, RAFD14, RLVRGÁ14, TNH15, TNI16, sTzNL16, WLW11, ZYN+07]. **grammar** [PS10].
grammar-driven [PS10]. **grammars** [LS05]. **GRAND** [VDdN+07].
Grande [Fox01, Fox05, GPW03, GPW05]. **granularity** [DKJ13, RCA+12, TJF14, dSGD14]. **GRAPES** [LXRJ13]. **Graph** [PS10, BOF15, EPB14, Hoh06, PZH+15, SNH15, SKK02, SS15a, ZBZH11, ZHGX16].
graph-based [Hoh06]. **graph-cut** [SS15a]. **graphic** [MPSGD14]. **Graphical** [DT15b, Eng15, LPH09, PSRR14, RMP+13a, VDL+15]. **Graphics** [ADF+13, CP14, DCJ14, DG11, KC13, MCB14, VCW13, ATVLM14, ACC+12, ABDP15, BDW14, BHQOS15, CGIP16, CSWB11, DCJ12, JdM12, LKPM09, LDZ+15, LLH+15, MAS16, OLG+15, PSCK+15, RCA+11, RCR+15, RK15, SPMP11, SPZ+10, SAD13, SNK+15, Str11, SEF+14, TZKH12, WJT+14, WCZX16, ZO14, ZDG+14]. **graphs** [FLMRC02, FBYO12, MGM+08, ZQK15]. **gravity** [HTR10]. **Gray** [Bou13].
Green [MAS16, CL13, DZ13, PTL+16]. **Gregory** [vEGW06]. **GRFA** [LLYL09]. **GRID**
[Ang07, CS06, ACF+07, ACD02, CL08, CC09, FKP+02, GIVRC+10, GHPR05, Lee09, MTD+02, NNTH+02, PvLV+02, QXXZ16, Tho07, vLGL+02, AC08, BC16, BAD+11, BKM+07b, BFVRC15, BZdR+10, BWW+08, CPB07, CHL15, CRC+15b, CSL08, CY08, CFV+08, CLX+12, CS13, Dab09a, DZC16, FHO+15, FMS11, FTRA15, HGB+08, IOOH12, Ios11, JQSP08, Kac11, KD10, KV12, KKT13, KZY15, KBH+15b, KA11, LC09, LZC08, LLSL15, MLS+15, MB12, MAS+14, DMRS15, ME08, MSV+10, NNvVdA09, PVR+09, PV15, RRBB11, RHRB13, RSTV07, RGV09, Sha15, SGV12, SKNH09, THF15, TV14, TSBR10, VDB09, VSKK09, WCL+10, WSW+12, dRL10, dAAVS12,

vdABST10, vLFGL01, ACJ10, AKK+07, AC02, ACC+07, AHM06, ABR+06, AV07, ACMM06, AC06, AAB+05, ADM06, AFG+05, BR04, BKM+07a, BDG+10, BPB08, BLSP11, BAGS02, BM02, BBGA03, CEM+08, CV07]. **Grid** [CLX07, CRB09, CWMZ06, CA06, CY07, CR08, CW07, CLH+08, CL07, CMB06, CDL08, CBP+04, CGB+06, Cyb06, DDP+06, DDX+06, DCY+08, DFPT06, Dik07, DPS07, DKMV07, ET09, Erw02, FJP+05, FP02, FG06, FAB+07, FZ07, FS07, FZ08, Fox10, GEJ+08, Ger05, GKG+04, GS04a, GD07, GAE+06, GTL06, GHB+06, GKP+09, HK07, HBG+06, HPS05, Hoh06, JZZL06, JX06, KA09, KWL+04, KR06, KFS+06, Kri05, LW05, LAC+08, Ley06, LWL+06, LX08, LZC09, LFH+08b, MCWL06, MRS+10, MCY+07, MWJ+10, MP02, MBP+05, MCCG11, MPT07, MGR02, NAP+07, NZKK11, NSBR07, NNK+07, NCWD+04, NPTT06, Nov02, NJ05, OISS07, PFU+05, PML+05, PWWR05, PB07a, PHGK10, PXY+07, QLF+06, QLC04, RWK+02, ROA+07, RBBH02, SWH08, SBBE07, SDB02, SM04, SN06, SCNH07, SANB08, SRdS09, SF10, SL10, SLT+06, SPBL06, Slo06]. **Grid** [SRTG+07, TWSM05, TMS+12, TMZ07, UR04, VD05, VDdN+07, VBW06, WCA08, WKT08, WBC+02, WL02, WD07, WBD+03, XPBS11, XTLG08, YAA07, YHK09, YDB+13, ZBP06, ZCC+06, ZKA07, ZH08, ZWF+06, ZBP07, ZYLT06, ZKJ+07, ZXXN06, ZL06, Zhu07, ZDL07, ZL09, dCGKG06, vNMW+05, vLDA07]. **Grid-based** [GIVRC+10, QXXZ16, HGB+08, CA06, DPS07, YHK09]. **grid-enabled** [RSTV07, GHB+06, LAC+08, PXY+07, WBD+03, ZYLT06]. **Grid-Flow** [GHB+06]. **Grid-wide** [GEJ+08]. **grid/cloud** [MB12]. **Grid5000** [AFG16]. **GridASP** [OISS07]. **GridBLAST** [Kri05]. **gridification** [AAV+15]. **GridLab** [KKM+06]. **GridPortlets** [ZKA07]. **GridRPC** [ABC+08b]. **Grids** [FP09, PB07b, PK08, ASS08, ADSV16, BM08, BKM+07b, BHPS14, CPB07, CC10, CG10, CCSS10, CW11b, Cuz11, DST11, DPGA11, FBC10, GKSR14, dAGC11, JMF09, KOK14, KBG+09, KSPM12, KKWZ15, KLP+08, LHL10, MLG15, MAdS+10, MLVBW12, MSG10, NO02, Nak02, SM11, SVN12, TZK16, VDPC03, WP12, XTLG08, YYCH10, YLC11, ZP07, Zhu15, AAHRW04, AKW04, ADD+05, ASG+08, BFM+06, BDMM+05, CRCC09, Can06, DS07, DRF07, FPR05, GQ04, GD06, HF05, HCK+08, KTB04, KTM+09, LSS05, LHT+09, Pie08, PGO+04, RMCN+07, SAC+07, SCV+08, SD11b, TTV08, TKB09, TAB+06, VBW06, WGZL06, YHK09, YYC10, ZKR+07, dABV08]. **GridSAT** [CW07]. **GridSim** [BM02, SCV+08]. **GRIDSpace** [DWC09]. **GridSphere** [NRW04]. **GridWay** [CHL15]. **Gromacs** [KF11]. **Group** [GG07, RRR04, GPS+07, GKPT13, HWQ+16, MMSN+01, PLY13, PYKL16, RIFR10, TAI+11, XPS+15, ZLH+15, ZXW16b]. **group-based** [PYKL16]. **group-choose** [PLY13]. **Group-SPMD** [RRR04]. **grouping** [WCR+14, YL16]. **grouping-proof** [YL16]. **groups** [MCXP15, RRR04]. **groupware** [XPS+15]. **gSET** [MWJ+10]. **GSWABE** [LS15]. **guaranteed** [ABDO09]. **guarantees** [ASS08, KD15, LGCJ+13, PSM03, WRLS12]. **guessing** [FIO15]. **Guest**

[Din09, EN09, McE10, RS13, ZQH12, HdV13, XHCL15]. **GUI** [QEB+10]. **GUIs** [MH07]. **GWAP** [CWC10]. **GYSELA** [RLRG15].

H [GCWE15]. **H-SOFT** [GCWE15]. **H.264** [RSMFE+12]. **H.264/AVC** [RSMFE+12]. **HA-PSLS** [KM03]. **Hadoop** [LL16b]. **Handel** [IS10]. **Handel-C** [IS10]. **handlers** [YF13]. **Handling** [AAI12, KW11, PME+08, QLD+11, TCBR+10, WK12]. **handoff** [HZC+14, WCLH12]. **handover** [YHHS16]. **Hands** [WAS07, WC08, Xu08]. **Haralick** [WCH+07]. **hard** [BDW14, BLA+14, Puf13, VDB09]. **hardware** [ADF+13, BHKW12, ER12, FRKS12, GTFA13, GPV09, HJB12, HXY+12, JCVU15, LGdVH13, LPC+14, MPR04, SRF13, The01, TRW07, TGB+10]. **hardware-aware** [BHKW12]. **hardware-oriented** [TGB+10]. **harmonic** [SEF+14]. **harvested** [JWZ13]. **harvesting** [CSB+16]. **hash** [MA15, WTN07]. **hashing** [CZL12, KSC12]. **Haskell** [TL14]. **HBench** [ZS01]. **HD** [DZM+15]. **HDKV** [ZHZ+13]. **head** [ESGQ+11]. **head-of-line** [ESGQ+11]. **healing** [FMS11, MO15]. **health** [EPA15, vLDW11, LRS15, LDS+08]. **heart** [BTCB16, OKP16]. **heavy** [RVRD10]. **heavy-tails** [RVRD10]. **Hellman** [LZC14]. **Hello** [LLT+14]. **Helmholtz** [BdL06, LXRJ13, OLG+15]. **helpful** [GFL04]. **helpfulness** [ZTM12]. **Heston** [BLDW16]. **Heterogeneous** [SF16, AHP+13, ABC+16, AGMR05, Ano06, ATNW11, BFR05, BG14, BCM15, BHQOS15, BHKW12, CW11b, CLT+16, CPXA06, DLPV07, DKJ13, DL07, ELM+16, EAGVBVDS11, EJF+16, FNBS16, FM08, GVC10, GCPS+14, HCG07, ITK09, KSM15, LBTE14, MRS08, NZKK11, PSLC11, PPP10, RBO+02, RMCA12, RCA+12, SRS16, SHC+16, SO16, SSMB15, STL+15, SEF+14, XLY+16, YCL11, ZYZ06]. **HeteroPar** [CČJ+16]. **heuristic** [GCWE15, LBV16, PPST09, SRM13b, YLR+13, ZH15]. **heuristics** [Ano06, BFR05, BB12, YPLJ11]. **HEVC** [JML+16]. **HEVC/H.265** [JML+16]. **hexahedral** [WO02]. **HiCOMB** [Mar05]. **hidden** [EMEY14, HPD+15]. **hiding** [DWC+15]. **Hierarchical** [LPG+14, BDV02, EMEY14, GKSR14, LBY+16, MRL16, PF12, SS15a, TW07, VS02, XJZ13, Yos06, ZXW16b, ZLA+15]. **Hierarchically** [GBD16]. **hierarchies** [DP14]. **High** [AAP13, AP10, BA04, Ber07, BDT01, BDH15, DRZ13, DDE+12, EMEY14, EB14, GM10, LSS15, Mar05, MLY10, MB02, NTK08, PHGK10, PW05, PPBB14, RCB03, SFN12, SFH13, ZKJ+07, AC06, AC08, AKM+06, BCD+10, BHJ+16, BFM+10, BDY03, BBD10, BDG+10, BPT+16, BDV02, BPD06, CLH+11, CLS14, CEG+05, CFP+03, CRGR+12, Dam11, DL10, DMD16, DPK10, DFLL14, DZM+15, DA15, EDB+14, EMS15, ETR+13, FGC06, FMT16, Fox12, FJG+13, GFBR10, GKSR14, GBMM15, GCN09, GA08, GDD+04, GVP+14, HDDG09, HLHC12, HLCW15, HY12, JOC+15, JK13, KKTHL13, Kar14a, KSM+08a, KTR11, KOOB15, Kri05, KF11, KWK05, LL05, LCM12, LLH+15, LAL02, MMW16, MMMP01, MHH16, MDH+16, MPT07, MO02b, MHRI14, MA15, MCC16, QXXZ16, RVRD10, RCLSK16,

SRF13, SFT15, SKA+14, SRL+14, SS07, SWZ12, TTD+11, TFG+12]. **high** [TTPJ16, VS02, VJK13, VdSK+05, WL02, WK07, XLL+15, ZZ16, ZHZ+13, BB02, CCW04, KS02, MP04, RK01, SIOS02]. **High-accuracy** [EMEY14]. **high-bandwidth** [GDD+04]. **high-density** [FGC06]. **high-dimensional** [HLCW15, KOOB15, MMW16, SWZ12, ZHZ+13]. **high-efficient** [CLH+11]. **High-end** [GM10, JK13, WL02, ZKJ+07]. **high-integrity** [KWK05]. **High-level** [AAP13, NTK08, BDV02, MHH16, MPT07, MCC16]. **High-Performance** [Ber07, MLY10, PW05, AP10, BDT01, BDH15, DRZ13, LSS15, MB02, PPBB14, RCB03, AC06, AC08, AKM+06, BHJ+16, BFM+10, BPD06, CEG+05, CFP+03, CRGR+12, Dam11, DMD16, DZM+15, FJG+13, GFBR10, GBMM15, GCN09, GA08, GVP+14, HDDG09, HLHC12, HY12, KSM+08a, KTR11, LL05, LLH+15, LAL02, MMMP01, MDH+16, RVRD10, SFT15, SS07, TTD+11, TTPJ16, VS02, VdSK+05, WK07]. **high-productivity** [TFG+12]. **high-resolution** [BDY03]. **High-speed** [ZKJ+07, DPK10, DA15]. **High-throughput** [EB14, EDB+14, FMT16, JOC+15, Kri05, SKA+14]. **high-volume** [MHRI14]. **higher** [JMF09]. **Highly** [MKAKG14, DCK12, HKVW16, KM03, TCP+05, VCP16]. **Hilbert** [KHHC13]. **Hilbert-order** [KHHC13]. **HIRLAM** [VCW13]. **HKE** [LBY+16]. **HKE-BC** [LBY+16]. **HLA** [DBR13, FAPC16, MT08, ZG04]. **HLA-based** [DBR13, FAPC16]. **HLog** [LSP15]. **Hmm** [HPD+15]. **Hoare** [vO01]. **hoc** [CNPP09, Den07, DA15, EB10, HKA+15, IHB15, KOO12, KKK10, KABD07, MLRR09, QWW+16, Sha15, YWM+10]. **holistic** [GVP+14]. **holonic** [FD01]. **home** [PBD+15, LMOT10]. **home-therapy** [PBD+15]. **Homomorphic** [Tan15, CZL12]. **hop** [BAT13, DZ13, JKZ03, MS07, MA15]. **hormone** [PB12, Pac16]. **host** [LLRS03, TMZ07]. **host-parasite** [LLRS03]. **Hot** [Man08, LLX15b, VKM+09]. **hot-spot** [VKM+09]. **HPC** [CS15, BHJ+16, BDP+14, GMVRGS15, KAM11, MRL16, MOF15, OTG+07, dRRdCRR16, SWD+15, SKNH09, TGB+10]. **HPC-Europa** [OTG+07]. **HPC-GAP** [BHJ+16]. **HPCS** [SCC+10]. **HPCT** [ABF+10]. **HPCx** [ABG+05]. **HPF** [DS02, ISKvW02, MAH+02, NNON02, Ogi02, OA02, PSG03, SM02, SIOS02, vWAH+02]. **HPF/JA** [ISKvW02, Ogi02, SIOS02]. **HPF/SX** [MAH+02]. **HPJava** [LCFkL05]. **HPL** [BCD+10]. **HTC** [FMT16, LHL10]. **HTC-Sim** [FMT16]. **Hub** [GBB+15]. **HUBzero** [MCD+15]. **huge** [LTKF11]. **human** [BCA+10, CPG+16, GQR16, KSM+08a, LSS15, RK15]. **human-computer** [CPG+16]. **HWMP** [BOB13]. **Hybrid** [ABB+15, AP10, AR16, AML+15, AFG16, BLDW16, CLT+16, CCW+15, CKRO13, Den07, EAGVBVDS11, FMS15, FTT15, GGFPGB14, GKS09, GKSR14, HR06, LM08, LLB04, LG08, LGL16b, MLS+15, MB12, MB14, MJD15, NO02, RM03, SJVR15, SD15, THF15, TYL+15, TAI+11, WZJD13, WDG+14, XDE+04, YWC11, ZK08, ZCD+12, BOB13, PGW06]. **hybrid-enhanced** [FTT15]. **hybridism** [BPL12]. **HybridMR** [THF15].

Hydra [COdO+11, PA08]. **hydraulic** [MO02a]. **Hyper** [ZQK15]. **Hyper-star** [ZQK15]. **hypercube** [BDF15, QLLS15]. **hypercube-based** [QLLS15]. **Hypercubic** [HP11, Li04]. **hyperspectral** [Pla08, PPP10, SPMP11]. **hypersurfaces** [RMCN+07]. **hypervisors** [GVP+14]. **hypocenter** [ZMJZ10].

i-Computing [WLL03a, WLL03b]. **I/O** [BKND16, BDT01, LQL+09, LLT+14, WTL+16]. **I/O** [BFL+10]. **IaaS** [LLL15]. **IBC** [BOB13]. **IBC-HWMP** [BOB13]. **IBD** [Riz04]. **Ibis** [vNMW+05]. **IBM** [SLM+10, ZDC+09]. **ICA** [LLQL14]. **ICICTA** [Hou12]. **ICWM2009** [CW11a]. **Identification** [GLC+04, ANH16, AD15, COdO+11, EA12, LGQS12, LLQL14, MHLC+05, NLYZ12, XBXS13, YZW+15, Zhe16]. **Identifying** [QZYZ16, SSC+16]. **Identity** [SWW+16, BOB13, GPVCdBRO12, HZC+14, SWZ12, VRDTB+16, YNX+16]. **Identity-based** [SWW+16, BOB13, HZC+14]. **idle** [GKG+04]. **IEEE** [Mar05, BOB13, HON04, MP04, WCLH12]. **IEEE802.16e** [CLH13]. **II** [SLM05]. **illuminating** [HTR10]. **IMA** [XHCL15]. **Image** [EMS11, SMBT07, AT01, ASWR12, BÇG14, CRB09, EMEY14, JZZL06, KSN16, KSM15, MWL+15, PLL14, PPP10, PJW+14, SK04, WJ12, WLW14, WBD+03, WW08, WCH+07, YHJ+14, ZXW16a, ZWL+13]. **image-based** [ASWR12]. **image-processing** [JZZL06]. **imagery** [Pla08]. **images** [SPMP11, ZBZ+15, ZWW14]. **imaging** [KSG11, PVR+09]. **Immutability** [PS05]. **immutable** [NN07]. **IMP** [GBB+15]. **Impact** [DS04, SM09, ZDC+09]. **imperative** [SPBL06]. **imperfect** [LWG+15]. **implement** [SNB+01, Slo06]. **Implementation** [KSM15, KD07, MLVB05, MAH+02, PB12, SER15, SLM+10, TKA+02, TMAG03, ACGG06, AAB+05, AFT01, BPdM06, BDY02, BDV02, CC13, CKNW06, DRZ13, DPST06, DL10, DBB+16, GG09, GSB+12, GCN09, GLC07, GPV09, HG11, KWL+04, KKJH03, KBVP07, KVGH11, Kri05, LDZ14b, LRS15, MMO+16, MKKB04, MDL+10, MRS+09, PSG03, PMAL14, PDC16, RGB+15, SBJ+15, SACJ04, TALT16, TKB16, VDL+15, VHBB03, WLLL15, YP10, YYC10, YCL11, YGG14, ZYW+16]. **implementations** [AA16, CACC11, CCW04, DS04, DDF+15, ER12, HPVRPF14, LLdA08, TL14, WCC04, YBB+07]. **Implementing** [CKNW06, KKV13, YL01, NNON02, PCT04, RBB+09, MRH14]. **implications** [WLZ11]. **implicit** [RSM01]. **importance** [BMPS07]. **Impossible** [WYL14]. **improve** [GIVRC+10, DMRS15, SAB15, TRW07, ZJL15]. **Improved** [RF15, YHHS16, BV16, CBHTE11, KKK10, LWK15, MMO+16, PLZ14, XHH12, ZWW14]. **improvement** [CL16, DXWC16, DLT+16, TWN07, XLZD13]. **improvements** [EA12, SVN12]. **improves** [ORDG15]. **Improving** [AYN+14, CLH13, Cog03, ET15, FBS16, GA09, HTI05, KCB09, LSH+16, MB16, RSC+15, WCL+10, WCLH12, YYS15, CPG+16, CLS14, HKRR08, RMCHMG15, Tru15]. **in-core** [BGGL07]. **in-place** [DVL13, PSHL11].

In-VIGO [MTA+07]. **inAspect** [ASS+05]. **Incentive** [ZXXN06, CLW+15, MZW+16, MME13]. **Incentive-based** [ZXXN06]. **incentives** [LPY+08]. **Incentivising** [PRP+15]. **inclusive** [DWC09]. **incompressible** [HKB07, ZYW+16]. **Incorporating** [XLZD13, HmLGP03, vdKEL10, LMH+14]. **increased** [YS07]. **Increasing** [PHCR09]. **Incremental** [BM07, Rav16, LWT+16]. **independent** [BKSM+15, CDMS15, GPW03, PFC14]. **index** [DKMM14, HCC+15, LW13, SER15]. **indexing** [ATSAK15, DXG13, ZHW+16]. **indicator** [PRD+13]. **indicators** [DPS16]. **indirection** [LGFM05]. **Indirectly** [CKSC10]. **individually** [LF15]. **indoor** [KBH15a]. **inductive** [FMS11]. **industrial** [JKZ03]. **inefficiency** [WMDM07]. **inference** [MKAKG14, SJVR15, SLM04, SLM05]. **InfiniBand** [VKM+09, ZJKL10]. **influence** [CHZ12]. **informatics** [TTR+10, vLDW11]. **Information** [Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Pie08, SARL13, AP10, AR16, And13, ASG+08, BDL+15, CZ15a, CW09, GD08, HSM14, KKW+14, KSC12, KTM+09, LLKC08, LWG+15, MLRR09, PLR+14, PAM+15, PME+08, QMK12, SW11, TMS+12, WAD12, Boe12, LWL+06]. **information-based** [KSC12]. **Infostation** [TW07]. **infrastructure** [ACMA07, AJY+15, CRC+15b, CZO+08, CWMZ06, Cyb06, DMA13, JvAB+15, JQSP08, KMJ14, KA11, MCWL06, MPT07, MP03, PFU+05, PCH+08, SACJ04, WWL+15, YDB+13, ZWL+13, ABB+15, DR15, WLR05]. **infrastructure-less** [DMA13]. **infrastructures** [AFG16, CSMB15, CHL15, CXPL15, GWVP+14, GKP+09, Ios11, Kac11, LBV16, LSMVML15, MVML11, RLS+09, THF15]. **inherently** [KA16]. **inheritance** [Lyo02]. **inhibiting** [BGGS14]. **Initial** [VDL+15, MRS+09, RBBH02]. **initiated** [AR16]. **inlining** [LH05]. **Innovations** [ACD02]. **input** [AAI12]. **input/output** [AAI12]. **insider** [DCG15]. **Insights** [HLX+16]. **inspired** [ABG+13, CSL12, CP14, CT16, GPVCdBRO12, HAE09, PCS+12, TTPJ16, WSL15]. **installment** [DL07]. **instance** [KCKC15, MCWL06, TKB16]. **instance-oriented** [MCWL06]. **instances** [Ios11, VRDTB+16, LMH+14]. **instantiations** [KCB09]. **Instruction** [GSG06, LHC14]. **instructions** [AB01, PBSB04]. **instrument** [MH07]. **instrumentation** [BDMM+05, RS07]. **instruments** [MH07]. **insulated** [LDZ+14a]. **integer** [GLM+16, KVGH11]. **InteGrade** [CML+10, CC10, GKG+04, dCGKG06]. **integrated** [ABC+08a, AMSR14, AFR09, BAC+15, Fec12, GKS+07, GLC+04, JZZL06, KB06, LZC09, PXY+07, ROA+07, Sch02, VDL+15, YGL05, YP10]. **Integrating** [AP06, CRC15a, ZKR+07, BGV+01, BHW05, CLX07, DCY+08,

HCG07, MCD+15, SKA+14]. **Integration** [DvdS06, FHO+15, SM03, BDV02, CLH+08, GMPT15, GD08, RJ01, SZR16, SS15c, XLY+16]. **integrity** [AL04, BC16, CJZZ10, KWK05, SWW+16, XHCL15, YNX+16]. **Intel** [AB01, CLRB15, FNBS16, MCP+12, RGB+15, SWB12, Tan12, VDL+15]. **intelligence** [PCS+12]. **Intelligent** [BM12, BFVRC15, DDF16, ESZ09, VC16, DBGA16, Hus15, KSN16, KKT13, LXL+09, ULS03, WZT11, XCHK14]. **intensive** [CBHTE11, CTAB16, GGHR16, HAAWA+16, HZHP09, LCYJ08, MWL+13, RMCN+07, SAdB+16, TKA+02, VJHB05, WSL15, WQS+16, YR15, ZWL+15, ZZ16, ZWF+06]. **inter** [HJB12]. **inter-node** [HJB12]. **interacting** [NAK+15]. **interaction** [BPdM06, CPG+16, HC07, IÁBE11, JSPE15, MMMP01, MB14, MP03, YZR14, ZP06]. **interactions** [JQSP08, RCT03]. **Interactive** [VYK+10, WJ09, CEH+06, CZWH07, GRGP12, HHWZ08, IBvA+02, KTB04, MCY+10, PWC+14, PML+05, vSB06]. **interceptor** [Ang08]. **Interceptors** [NMMS01, BMV03]. **interchange** [ZQZ+16]. **interconnect** [GDD+04]. **Interconnection** [AS15, NZKK11, JAA08, KMA04, QLLS15]. **interconnects** [CKRO13]. **interdependent** [Sha15]. **interdisciplinary** [CN02]. **Interest** [ZACG16, CRC15a, DCJ14]. **interesting** [LJPP16]. **Interface** [KKJH03, AJMJS05, DBB+16, GHB+06, HRR+11, Jac02, KOB01, OORVB14, ULS03, WKL14, AMHC11, SWL+01]. **Interfaces** [WD07, LOKW+10, vHKT+11]. **interfacing** [ASS+05]. **interference** [WLL14]. **InterGrid** [dABV08]. **interleaved** [GSG06]. **intermediate** [YXLZ16, YYL+12]. **International** [Ang07, CR08, CL08, CC09, CW11a, CR13, CS06, DR15, FZ08, Kni06, Mar05, CL13, WT15, AF14]. **internet** [RS13, AD15, Den07, GTA10, IAH+15, LWW06, LTKF11, MK15b, MB15, RMCN+07, RO12b, SS15b, SRN+15, XPWF15, ZlC15, ZZY+15]. **Internet-based** [RMCN+07]. **Internet-of-Things** [MK15b]. **internetworking** [dABV08]. **interoperability** [ET09, GLC07, ZBC+07]. **interoperable** [FÁBE11, MP02]. **Interoperating** [CHL15]. **Interoperation** [RLS+09, HAA+07]. **interplay** [SD11a]. **interpolation** [MAVG16]. **interprediction** [RSMFE+12]. **interprocess** [TV14]. **intersection** [Eng15, LZY+16]. **interval** [FLMRC02]. **intra** [HJB12, XPS+15, CRC+15b]. **intra-group** [XPS+15]. **intra-node** [HJB12]. **Intra-Operative** [CRC+15b]. **intrinsics** [KL12b]. **Introduction** [HTBR12, HTW14, Pie08, PDD14, RHT13, Run10, SHT11, VK12, ZQH12]. **intrusion** [LLL15, SPW09, WLZ11, WZXZ12]. **intuitive** [GvHKK11, RRWS08]. **inventory** [LXP+12]. **inverse** [GG09, PV04, PLZ14]. **inverses** [GE08]. **inversion** [BEQOR13, RSTV05]. **investigate** [WJT+14]. **Investigation** [YWA07, BDW14, HK01, KKK10]. **invocation** [MKB01, BVGVEAFG11, NMMS01]. **invoking** [OK15]. **IO** [DL10, LGG16]. **Ion** [KF11]. **IoT** [IAH+15]. **IP** [YJL12]. **ipcmd** [WKL14]. **iPlant** [LGD15, WWL+15]. **iPortal** [KBH+15b]. **IPv6** [DEF08, HLX+16, ORdSL13]. **IPv6-enabled** [ORdSL13]. **IQ** [CEH+06]. **IQ-Services** [CEH+06]. **irregular** [AAF+07, GPZ04, HR06, KR04, LYL07].

IS-FMIPv6 [WCLH12]. **ISABELA** [LSE+13]. **Isabelle** [Sch04, vO01]. **Isabelle/HOL** [Sch04, vO01]. **ISCOPE** [Fox05]. **ISENGARD** [KA11]. **iShare** [WTL+16]. **islands** [dABV08]. **isolated** [KD10]. **isolation** [WTL+16]. **isosurface** [DCG11]. **Issue** [AHP+13, Ang07, Ano02, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, AM07, BA04, BM12, BHD13, BM04, Ber07, BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, CWZL13, CCCW13, CČJ+16, dOCPFJ13, CLTT13, CR08, CC09, CW11a, CKRO13, CAG+13, CS09, CS06, CMT13, CM07b, CS13, DRZ13, DRS+13, DVL13, DDE+12, DLM13, DH13, EBMD13]. **Issue** [ETR+13, Fed13, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, GG07, GM10, GvHKK11, GMF01, GHPR05, HL13, HQoS11, HF05, HTW14, HMPPT13, HFTQ13, JJGL13, JX06, KS02, KM13, KR06, Kni06, KB12, Lee09, LBS15, LXRJ13, LMKT13, LV12, LDXC13, LW13, MWL+13, MS13, Man08, MSP+13, Mar05, MFG+13, MISV13, MLY10, MN10, MLA+08, Nar05, Nel05, NSSAK13, ODS+13, OM06b, PLY13, Par02, PRD+13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, QLS13, RMP+13a, RHRB13, RK01, RTMZ13, Run10, SN06, SCNH07, SANB08, SRdS09, SF10, SRF13, SFN12, SD11b, TM01, Tho07, TH10, TWB13, TFDA07, Tur04, Ur07, VK12, VCW13, WAS07, WZZL13, WC08, WCLC13, WD07, WDM14, Wis02, XZ09, XLWZ11, XBXS13, XW13, Xu08, XJZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13]. **Issue** [ZLN+13, Zha08, ZYH09, ZYH12, ZHZ+13, ZL09, vdS06b, AF14, CL08, CR13, CL13, DKJ16, EL01, GTGT11, GWD15, HLX+16, HdV13, Hus15, LBW14, LBT16, LL13, OEP+15, PDD14, QLL10, RHT13, TP14, WAD12, WDGK15, HTBR12, SHT11]. **Issues** [Nel05, vdS06a, AAI12, DP14, GB07, GLC07, MCCG11, SWHL16]. **Itanium** [JLT06]. **item** [ZSZ+14]. **items** [CT11a]. **itemsets** [HMM+09]. **iteration** [TYL+15]. **iteration-based** [TYL+15]. **Iterative** [SAD13, AYN+14, AAC+15, CSTV06, EDSV09, GSV03, HC07, JSS07, KKGO04, LLB04, NO02, Nak02, PSRR14, YGG14, ZW09].

J2EE [BG04]. **JAC** [HL06]. **Jacobi** [RR11]. **JaMP** [KBVP07]. **Japanese** [SM02]. **JASAG** [AAV+15]. **Java** [Fox01, Fox05, HTW14, VK12, KvGS+14, SAdB+16, AJMJS05, AK01, ASS+05, AFT01, Bac03, BVGVEA11, BVGVEAFG11, BHW05, BDT01, BP03, BK05, BSB+03, CM05, CG01, Cog03, Cog04, DVL13, EFG+03, EL01, EABVGV14, ETR+15, FR02, FT06, GYB+11, GE08, GPW03, GPW05, GS04b, HL13, HL06, HYX05, KHM+11a, KOB01, KBVP07, KSR14, KW01, KWK05, LH05, LAL02, LLdA08, LSW07, LGFM05, Lyo02, MLVB05, MCY+10, MMG03, NMMS01, NC05, NMKB03,

OGA+01, PSM03, PPMH15, PSW11, Puf13, RTET15, RS12, RHT13, RCB03, RR01, Sch04, SCBH09, SM03, SGV12, TTD+11, VDPC03, VHBB03, WCCL05, WJH06, WBM+10, WK12, WCC04, XHH12, YP10, ZS01, ZYZ06, vHMB08, vNMW+05, vRKS03, vRS05, vLFGL01, vLGL+02, vO01]. **Java-based** [AK01, MCY+10, NC05, vNMW+05]. **JavaBeans** [LR05, YAA07]. **JavaNws** [KW01]. **JavaScript** [VCP16]. **JavaSymphony** [FJ05]. **Jcluster** [ZYZ06]. **JCSP** [WBM+10]. **Jeeg** [MS05]. **JEL** [DvNM+11a]. **JI.FI** [BLA+14]. **Jigsaw** [CWL03]. **Jim** [Bou13]. **JIT** [GE06]. **JML** [MPHL03]. **Job** [BWW+08, KSM+08b, NNK+07, BLSP11, EGGA+04, GQ04, Jon09, KWL+04, LL16b, NvV09, RMCHMG15, Sod05, TZK16, WGZL06, YCL11, ZF14]. **job-centric** [KSM+08b]. **jobs** [CNP+15, LGCJ+13]. **join** [LFZ07, RR15]. **joins** [MMW16]. **Joint** [dRRdCRR16]. **Joint-analysis** [dRRdCRR16]. **JOPI** [AJMJS05]. **Jordan** [Tan12]. **JPEG** [SHC+16]. **JS4Cloud** [MTT15]. **JTRES** [HTW14, SHT11]. **JTRES2011** [RHT13]. **Jump** [WSWL12]. **Jump-start** [WSWL12]. **JVM** [CG01, SD03]. **JVM98** [GPW05]. **JVMs** [STWSP12].

K-means [DLX+16]. **K-model** [HY12]. **Kalman** [BY12]. **Karma** [SPG08]. **Kautz** [ZLLL11]. **Kava** [Bac03]. **KDDML** [RSTV07]. **KDDML-G** [RSTV07]. **Kepler** [LSH+16, LAB+06]. **kernel** [DGR+07, KNT+01, NRR15, PZH+15, SAP16]. **KernelHive** [RCLSK16]. **kernels** [dOCPFJ13, FVLS15, FJG+13, KCB09, NRR15, RBB+09, SWD+15, VS02]. **key** [AKG13, AYSZ14, BZD16, BBB16, FIO15, HWQ+16, LDZ+14a, LZW+16, LZC14, LBY+16, QWW+16, SGCG09, XW13, YHHS16, ZZC15, ZHZ+13, ZXW16b]. **key-insulated** [LDZ+14a]. **key-value** [LZW+16, ZHZ+13]. **Keystroke** [AaBT16]. **keyword** [BZD16, CLH+16, DXG13]. **keyword-based** [DXG13]. **keywords** [LFX+08]. **kidney** [CLH+08]. **kit** [vLFGL01, Nov02, PvLV+02, vLGL+02]. **KLONOS** [DHH+13]. **Knijnenburg** [OS09]. **Knowledge** [FZ08, LM07, SD11b, ZL09, BM16, Can06, CLTT13, Cuz11, FGP+11, LHXY08, LXL+09, NZKK11, RSTV07, SKA+14, SZL09, WLDL08, XZH+16, YTF+01, ZGL07, Zhu15, FS07, LFH+08b, NZKK11, SPR+07, TMZ07, ZL06, Zhu07, ZDL07]. **knowledge-based** [Can06, YTF+01]. **KOALA** [ME08]. **Krylov** [MKSS16]. **Kunlun** [ZGRSC10]. **KWATT** [QEB+10].

L [LFG05, EMS11]. **Laboratory** [BBGA03]. **Labs** [GBB+15]. **LAF** [DXG13]. **Lambda** [KCW09]. **Landis** [BBB16]. **landscape** [KHM+11b]. **Language** [WLR05, BGM03, CJ12, CT16, HAA+07, KS04, LCFkL05, MRH14, Nob08, OOTK01, PTCN07, RSSM06, TMAG03, Wit10, ZYL+08]. **languages** [BDV02, CGK14, Hoh06, LWB13, SPBL06]. **Large** [AML+15, HTR10, KBT+14, LW05, PDD14, SVN12, AAE+09, BH09, BGGL07, BCM+07, BZdR+10, BMPS07, CEH+06, CHM15, CBQ+11,

CGN15, CPS+14, CDH+15, DVD+12, DLX+16, DLM13, DZM+15, EBGS01, ERZ+11, FHO+15, FAPC16, FBV+13, HFDJ10, HWQ+16, JAA08, JCK+13, JPWH02, KRS11, KCZ+05, LBV16, LXRJ13, LXW+16, MFG+13, MCY+10, MKAKG14, MB14, MJD15, Not16a, PTL+16, PAM+15, QZYZ16, QLS13, RVRD10, RKS02, RRR15, SNH15, SK09, SLV12, SCBH09, SGCG09, SLM05, TTL06, TBK06, TRH+02, TB12, WZXZ12, WSWL12, XBXS13, YLEB14, YMLR16, ZYZ06, ZQZ+16, ZHGX16, dCRS11]. **large-data** [CEH+06]. **Large-Scale** [PDD14, HTR10, KBT+14, LW05, AML+15, BH09, BCM+07, CHM15, CBQ+11, CGN15, CPS+14, CDH+15, DLX+16, DZM+15, ERZ+11, FAPC16, HFDJ10, HWQ+16, JAA08, JCK+13, JPWH02, KCZ+05, LBV16, LXRJ13, LXW+16, MCY+10, MB14, MJD15, Not16a, PAM+15, QZYZ16, QLS13, SNH15, SK09, SCBH09, SGCG09, TRH+02, WZXZ12, WSWL12, XBXS13, YLEB14, YMLR16, ZYZ06, ZHGX16, dCRS11]. **large-sized** [FHO+15]. **latency** [DGW16, ETR+15, LWF+15, MVWJ14, PRD+13]. **latency-sensitive** [DGW16]. **Latest** [MPSGD14, SRM13a]. **Lattice** [LMKT13, CGK+16, MWLS11, BFM+10]. **Lattice-based** [LMKT13]. **lattice-Boltzmann** [MWLS11]. **layer** [EB10, HKA+15, KKJH03, KR11, SKS+08, Tru15, WRLS12]. **layer-based** [KR11]. **layered** [DWC09, LDZ+15, LGQS12, OKP16]. **layout** [HP11, IT03, TBK06]. **LC** [LLYL09]. **LC-GRFA** [LLYL09]. **LCG** [NCD+08]. **LDPC** [SCLK15]. **LEAD** [CM07a]. **leadership** [LLT+14]. **leading** [DWC09]. **Learning** [GBB+15, ORDG15, ZL06, ABR+06, BHD13, CCCW13, DFC12, DH13, ERZ+11, FHO+15, HCBRM16, LLH+09, MAVG16, MCXP15, OHJ13, PRC+14, SNEP14, SİM+07, VRDTB+16, YZR14, SW11]. **least** [ABV05, MLL+11]. **least-squares** [ABV05]. **Lecture** [Bou13]. **legacy** [BR04, MMS07]. **legends** [BH05]. **Legion** [NNTH+02, NCWD+04]. **length** [CL14, MNL15]. **less** [DMA13]. **Lesser** [ON01, ON02]. **lessons** [LLT+14, OGA+06]. **Level** [MP04, AAP13, BPL12, BDV02, CK13, CCSS10, CCC12a, CCW+15, DPGA11, GCO+14, GPW05, HJB12, KM03, KKJH03, KAP13, KJŚ+15, LGLA15, LLKC08, LPY+08, MHH16, MPT07, MJD15, MCC16, NTK08, OGA+01, Pac16, Sør13, TTD+11, VS02, WBZ10, WCZX16, XLY+16, YS07, ZZZ+15, dCHMJ12, dRC10]. **levels** [CSB+16, GKPT13, JMF09, SLB08]. **levelset** [FYKW15]. **Leveraging** [KOOB15, GKG+04, LGD15]. **LFTM** [MMBP12]. **LFU** [BBC16]. **LHCb** [SRTG+07]. **libraries** [ASS08, BHL+09, CL01, MD02, TTD+11]. **library** [AMHC11, CSWB11, GDMT+12, HKRR08, KS05, ON01, ON02, YB12, vWAH+02]. **Life** [LGD15, Qiu11, QFG14, QFT14, ACC+15, Bou13, GvHKK11, OGA+06, RTPPH12]. **lifetime** [CLH13, DMA13]. **lifetime-aware** [CLH13]. **lifetime-driven** [DMA13]. **ligand** [EDB+14, TCP+05]. **light** [ON01]. **light-weight** [ON01]. **Lightweight** [FLB+05, NR08, Bac03, BC16, BBB16, CJZ+15, FLL+14, JZJW15, KN01, ON02, QWW+16, RBB+09, WZXZ12, vRS05]. **like** [CCG+08, KOB01, TWN07]. **likelihood** [SLM04]. **likelihood-based** [SLM04]. **limits** [BGGS14]. **Linda** [Men03, WCC04]. **line**

[CRC15a, DMR+07, ESGQ+11, zGWXT09, HK01, NA15, VB16, WKL14]. **line/off** [zGWXT09]. **linear** [AAC+15, ADI+14, BHL+09, CC13, CL14, CNP+15, DK09, DLH01, HLYD12, JSS07, KD07, KLDB10, Nak02, OHJ13, PZH+15, SD15, SLB08]. **linear-time** [DLH01, PZH+15]. **linguistic** [MCG+08, MMBP12]. **Link** [LLX15b, IHB15, LXL+09, PZH+15, WRLS12, ZM13, Zhu07, ZYL+08, ZZ11, ZX11]. **link-based** [ZM13]. **Linked** [FVRM15]. **links** [LFZ07]. **LINPACK** [BCD+10, DLP03]. **Linux** [EEK+04, BdL06, Kar16, KF01, PKB03]. **Linyphi** [DEF08]. **list** [RCXS09, WLLL15]. **literature** [FVRM15, SKA+14]. **live** [EJD15, RMP13b]. **liveness** [IR11]. **Load** [FED03, WQS+16, AS15, AR16, APHB16, BGV+01, CW11b, DBR13, DL07, FJ05, FT06, FGC06, GCL08, KKTHL13, KL02, KR04, LM08, MKIO04, SBDP15, WJYH16, WLL03b, XBZ10, YSL+15, YZ10, ZYL10, ZEB10]. **Load-balanced** [WQS+16]. **load-balancing** [FT06]. **load/unload** [YZ10, ZYL10]. **loading** [LOKW+10]. **loads** [LYC16]. **local** [AMHC11, BY12, DAC12, LW05, LLYL09, PLL14, WW08, ZHW+16]. **locality** [BMPS07, FJ05, KRS11, PLR+14, WQS+16]. **locality-aware** [WQS+16]. **localization** [BAT13, KBH15a, ZY12]. **location** [GMS09, JBL15, LWYM16, LWY15, PWC+14, TZLC15, XZZ16b, YKD+15, ZSZ15]. **location-based** [LWYM16, PWC+14, TZLC15]. **lock** [LWB13, ON02]. **lock-based** [LWB13]. **locks** [KNT+01]. **log** [FBYO12]. **logarithmic** [LCM12]. **logging** [BMA03, BBD10, BHBD13, RM11, YLLZ09]. **logic** [BH09, DLH01, FMS11, HWZX08, LWW06, vO01]. **logistics** [LWC12]. **logon** [BFG14]. **logs** [WCLC13]. **LoM2HiS** [EBMD13]. **long** [QZYZ16, SCRV11, SVN12]. **long-running** [SVN12]. **look** [FBS16]. **look-ahead** [FBS16]. **lookaside** [CDN15]. **lookup** [MA15, WTN07]. **loop** [CPXA06, DAB09b, HBKM06, OGA+01, YWC11]. **loop-level** [OGA+01]. **loop-scheduling** [CPXA06]. **loops** [JLT06, TXY+16]. **Loosely** [Sod05]. **loss** [BRCV16, XBW+15]. **loss-tolerant** [XBW+15]. **losses** [LLN+14]. **Low** [BCF12, ETR+15, LGLA15, GHMX13, LDZ+15, MA15, VS02]. **Low-cost** [BCF12]. **low-density** [LDZ+15]. **Low-latency** [ETR+15]. **Low-level** [LGLA15, VS02]. **lower** [FOTW04]. **LR** [ALVY05]. **LR-PCR** [ALVY05]. **LRFU** [BBC16]. **LRU** [BBC16]. **LU** [WZ04]. **lubrication** [GB07]. **Lucene** [DKMM14]. **LURR** [YZZ+10]. **Lustre** [DL10]. **LZ** [AL04]. **LZ-77** [AL04].

M [ZMJZ10, ZMJZ10]. **MAC** [EB10, GHMX13]. **Machine** [HCBRM16, MAVG16, AM15, AFT01, ERZ+11, GPW03, HTHW16, KCKC15, LF15, SNEP14, SİM+07, VRDTB+16, WKT08, WJ12, WZJD13, WJLD09, YBZ+15, ZXW16a, ZLZ15, ZLH+15, ZBP07, BP03, SGV12]. **machine-based** [WKT08]. **machine-to-machine** [AM15]. **machines** [BB12, BB15, EMS15, God12, GKG+04, GE06, KBB11, SJB14, VRDTB+16, XHCL15, ZS01]. **macromolecular** [ABC+15]. **MacZ** [CGKW13]. **made** [BDH16, LGCJ+13, MTA+07, STWSP12]. **magnetic** [EMEY14, KSM15]. **magnetohydrodynamics** [SPH13]. **magnetosphere** [Ogi02]. **maintained**

[MZ06]. **maintaining** [ABDO09, BDF15]. **maintenance** [MST15, YDL09, Kin04]. **Make** [DGW16, dRC10]. **Make-way** [DGW16]. **makes** [DKKL06]. **Making** [MTHK14, GPS+07, HLL+15]. **Malaria** [GKM+08]. **malicious** [DLJ15, LGQS12]. **Malleable** [EDSV09]. **malware** [LGQS12]. **manage** [VAC+07, XCL09]. **manageable** [PKB03]. **managed** [BAC+15, CEG+05]. **Management** [Boe12, CPB07, CL08, CC09, CW11a, CR13, FAB+07, LV12, PB07b, PK08, YK10, AM15, APHB16, AKW04, BDL+15, BBB16, BAGS02, BM02, CRC15a, CR12, CLL14, CGN15, Den07, DMW+10, DS07, DHM14, DMM+07, DXZ+16, EGGA+04, GD08, GBG+14, GTA10, HMFK15, HWQ+16, HTI05, HAE09, HM16, HFTQ13, JCP15, JBL16, JJGL13, KCKC15, KO06, KTB04, LZC09, LNCY11, LAB+06, LHXY08, LDS+08, MABP13, MBP16, MMW+12, Men03, MVML11, NDT+16, OCS01, PYKL16, Pat08, PAM+15, PS13, PXY+07, RRBB11, RAFD14, SGSC08, SACJ04, SPJ14, SWW+16, TC12, VCP16, VvSI07, WYBS16, WNT02, YWY+10, YLR+13, YYS15, YLJZ13, ZXW16b, BD04, MP04]. **manager** [MRS+10]. **Managing** [BZdR+10, GGFPGB14, HK02, Kes04, Zic12, DFLNP07, HCG07, SMY+15, VH12]. **manufacturing** [FD01]. **Many** [COdO+11, ZYH09, ZQH12, BHBD13, BRCV16, CZL12, CLRB15, DLZ16, ELM+16, HT15, HvNJB15, LGLA15, LL16a, MCP+12, RLMG16, VDL+15, YLY04, ZYH12]. **Many-Core** [ZQH12, ZYH09, BHBD13, BRCV16, CZL12, CLRB15, DLZ16, ELM+16, HvNJB15, LGLA15, LL16a, MCP+12, RLMG16, ZYH12]. **many-to-many** [YLY04]. **manycore** [SSMB15, RGB+15]. **manycores** [BH16]. **map** [AJY+15, Ano06, BFR05, DIK14, LZY+16, SS07]. **map-reduce** [DIK14]. **mapping** [Ano06, BFR05, CT11b, CDN15, DST11, GFL04, KTM+09, MPS11, PZ11, RMCN+07, SW09, VSR+09]. **MapReduce** [AFG16, BCCM16, DLX+16, DGL+12, DAL15, Fed13, IHA+15, KF15, LWFL14, LPG+14, MMW16, RTMZ13, SGCA+16, THF15, UMD+13, VJK13, YXLZ16, YWT+12, ZCL14, ZLT+16]. **MapReduce-based** [DLX+16]. **MapReduce-supported** [DGL+12]. **maps** [Del08, LHXY08, Riz04, XDE+04]. **marching** [FRKS12]. **marine** [LLRS03]. **Market** [VDB09, CAC15, GS04a, KD15]. **Market-based** [VDB09, GS04a]. **markets** [GCO+14, GVK12, MRS+10]. **Markov** [EMEY14, HPD+15, ZACG16]. **Markovian** [DPS07, XWD+12]. **mashup** [WZT11]. **masking** [PJW+14]. **mass** [BRWB06, HKG08, WJP14]. **massive** [FLYL16, MMW16, MWL+15, MCXP15, PWC+14, PW12, SZL09, ZWL+13]. **Massively** [BÇG14, BS10, BCC+05, CRC15a, CZL12, FBV+13, JKV+15, RGL+15, SAB15, SRM13b, WT10]. **master** [ACIC+13, CAG+13, PRV11]. **master-worker** [ACIC+13]. **matching** [EN16, MWPL15, PQP13, RTMZ13, ZZY+15]. **matchmakers** [DHC13]. **matchmaking** [WHXzL15]. **MATE** [MCSML07]. **material** [LOKW+10, LHLH16, NAP+07, Sod07]. **materials** [XBB13]. **Mathematics** [WT15]. **MATLAB** [PIAH12]. **matrices** [AKG13, WZ04]. **Matrix** [ALKD16, BEQOR13, AB01, ADMQO14, AHK+15, BCI+09, CWMW15,

DS04, ER12, FJZ+14, GLM+16, GDMT+12, GS04b, GW15, GR14, HT15, JLH+16, KHZN06, MRL16, MCP+12, NA15, OAS+15, PIAH12, PLR+14, SAD13, TDM+15, VS02, VFG11, YDS+14]. **matrix-matrix** [AB01]. **Matrix-Vector** [ALKD16, GW15]. **maxflow** [BÇG14]. **maximization** [JZL15, LCYJ08]. **Maximizing** [MRS+10, PV15]. **maximum** [BRCV16, SLM04]. **May** [Run10, JW10]. **ME** [XHH12]. **MEAD** [NDP+05]. **mean** [HW16, SC07a, CKOG10]. **means** [DLX+16, GMPT15]. **measure** [TTL06]. **measurement** [BCC+05, BSZ09, BDP+14, CJZZ10, HFDJ10, JJGL13, KNT+01, MWW10, XHCL15]. **measurement-based** [BCC+05, JJGL13]. **measures** [TALT16]. **Measuring** [dFMSPSW06, Tan12, XLYX11a, XLMH14, HCC+15]. **mechanism** [BKM+07b, CLH13, DDX+06, FT06, HKA+15, KGGT12, LWY+16, LLF08, LLSL15, MMBP12, ON02, SGCG09, ZLH+15, dAAVS12, YYCH10]. **mechanisms** [CW09, CCT15, CLW+15, GP07, MME13, OSK+01, OKW15, PGK11]. **media** [PWC+14, XZH+16]. **mediation** [SGD15, Kin04]. **mediator** [OOTK01, RJ01]. **medical** [DXWC16, KSG11, WNN+15]. **medium** [YBO10]. **Meeting** [TKK+11, WAS07, WC08, Xu08]. **megabyte** [HSHT14]. **megabyte-scale** [HSHT14]. **members** [LZWD+15]. **Membrane** [QLF+06]. **memoization** [MB16]. **MEMoMR** [YXLZ16]. **Memory** [SBDP15, AAW+02, BB02, BDV02, CACC11, CBPP02, CLH+11, CLT+16, DFC12, DVL13, DS15, DLT+16, GTFA13, GYB+11, HTI05, JLT06, KO06, KC06, LLdA08, LPC+14, MVWJ14, MLC04, MLP04, PCVZ+04, RCM12, RLRG15, SS07, SS15c, WS09, WMvP+09, YGL05, YWY+10, YYS15, YHH13]. **memory-supported** [RCM12]. **mer** [GR13]. **Mesh** [BOB13, OKM10, CC13, DEF08, Fer13, Fer15, LB11, RLMG16, WO02, XJZ13, YHHS16]. **meshes** [FYKW15]. **mesoscale** [BDY02]. **message** [AD02, BCM+07, BMA03, BBD10, BHBD13, EN16, Gog11, HdV13, MP05, NMKB03, OKW15, PFU+05, RMG+10, RM11, SVS+08, SSZ14, WKL14, WDW+15, AMHC11, SWL+01]. **message-oriented** [MP05]. **message-passing** [BCM+07, RMG+10, RM11, SVS+08, SSZ14]. **messages** [ZQZ+16]. **meta** [BKCP09, HPHB+15, XZZ+16a]. **meta-analysis** [XZZ+16a]. **meta-predictor** [BKCP09]. **meta-workflows** [HPHB+15]. **Metadata** [AFPO08, DVL13, DXZ+16, GD08, GBG+14, KKL09, SK08, dCHMJ12]. **metagenomics** [WWG+11]. **metaheuristics** [GIVRC+10]. **metaphoric** [PdCMdS+12]. **metascheduler** [CRCC09, CHL15]. **Meteor** [JQSP08]. **Method** [BVGVEAFG11, NMMS01, AS15, BJ01, BV16, BGM03, CACC11, CW11b, CNP+15, FOTW04, GPW05, HWZX08, KO06, KJŚ+15, KZY15, KC13, LDXC13, LHBW15, LFH08a, LSW07, LCJ14, MKB01, MO02a, MRH14, PCD15, QLF+06, QLD+11, TCP+05, WZJD13, YYC10, YLD13, YGG14, YZ10, ZZYW10, ZDC15, ZWW14, AS15]. **method-level** [GPW05]. **methodological** [GVC10, MCCG11]. **methodologies** [PPST09]. **Methodology** [LG08, FTRA15, HvNJB15, KOO12, MDX14, RLC16, SC07b, TWB13].

Methods [GGS+16, Qiu11, QFG14, QFT14, AM01, DGJ11, Dra15, GMVRGS15, GSV03, GCPS+14, JSS07, KRS11, LW05, LY14, MGBC16, MKSS16, MB02, QH10, SE01, YDB+13]. **metric** [CT16, NvV09, WLW14]. **metrics** [FJG+13, GGS+16, OORVB14, vAVS12]. **MFIX** [GPS+07]. **MG** [WWG+11]. **MG-RAST** [WWG+11]. **MHD** [Ogi02]. **MIC** [HLCW15]. **Micro** [MISV13, ADSV16, BCA+10]. **micro-finite** [BCA+10]. **micro-grids** [ADSV16]. **Micro-transactions** [MISV13]. **microarray** [MSM+14]. **microarrays** [MKKB04]. **microblog** [LWT+16]. **microprocessors** [MST13]. **microscopic** [XTZ10]. **microsecond** [AHP+13]. **Microsoft** [TH10]. **Middleware** [AJM12, ANTZ09, BCM+05, KR06, MvNK+06, MFF04, Nar05, SN06, SCNH07, SM11, SBP12, AvdADtH09, AHM06, Ang08, CEH+06, CC10, CMB06, CM02, CBP+04, CGB+06, CRGR+12, DDP+06, DvNM+11b, ERZ+11, FGP+11, GKG+04, HGB+08, JQSP08, JZJW15, KKV13, MP05, MB12, NJ05, PGO+04, QLC04, RE03, RS11, RDP10, VSKK09, XPBS11, ZWF+06, dCGKG06, vHMB08, SANB08]. **Migrate** [YBZ+15]. **migrating** [KBG+09]. **migration** [ACC+12, GMS09, Jon09, KM13, MSP+13, MRS08, MP04, RMP13b, YBZ+15, ZLZ15]. **Millennium** [VRMB13]. **MIMO** [JKV+15]. **MIN** [BTG06]. **MIN/MAX** [BTG06]. **mini** [Fer15, LHBW15]. **mini-app** [Fer15]. **mini-application** [LHBW15]. **minimal** [HMM+09]. **minimization** [AHK+15, HLHC12, PC14]. **Minimizing** [TY15, DBR13, JK13, YDL09]. **Minimum** [ZLZ15, BXLJ16, DLM13]. **Minimum-cost** [ZLZ15]. **Mining** [FBYO12, WCLC13, XLYX11b, ZGST08, CV07, CT12, CCP+15, EPB14, HMM+09, HAJL16, LJPP16, LLG+15, LMOT10, Mal05, TTV08, THM+11, WWS+12, ZX09, ZKR+07, LMOT10]. **misbehaving** [MAdS+10]. **missions** [ZJS11]. **Mississippi** [HBH02]. **mitigation** [ORdSL13]. **mix** [HLX+16]. **mixed** [CSTV06, DS04, KD07, Pla08]. **mixed-parallelism** [DS04]. **mixed-pixel** [Pla08]. **mixing** [Bou06]. **mixture** [PPP10]. **Mobile** [CKC09, MWJ+10, VSB+15, XHH12, AKMZ13, AA16, Aia15, AMSS15, BAS07, CWXW16, CL16, CJ12, DD16, DA15, EJF+16, GBSHA01, HKA+15, JRHJ16, JLHH14, KOO12, KKK10, LHT+09, MABP13, MBP16, MDX14, Not16b, PYKL16, PGK11, PCD15, PRS01, QKSJ07, QMK12, Sha15, SS15b, SSC+16, VT15, WHXzL15, WZS+15, YCW08, YWM+10, YCWH07, YNX+16, ZMZD11, ZY12, vHMB08, DD16, MWJ+10]. **Mobile-Grid** [MWJ+10]. **Mobility** [Den07, MBP16, MJ11]. **Model** [LGG16, MK12, ABtGT+12, ASWR12, AKM+06, ABG+13, Bac03, BV16, BVGVEA11, BCCM16, BCdlCT06, BXLJ16, BDY02, BBB+14, BAZ09, BBD10, BDG+10, CL01, CAC+08, CTY15, CZWH07, CXPL15, CWXW16, CN16, DCJ14, DWC09, DLZ16, DHC11, EMEY14, EJD15, Fec12, GQ04, GD06, GWVP+14, GVP+14, HZHP09, HW16, HY12, JAA08, KA09, KV12, KCW09, KHZ+15, LVN+12, LLWS09, LKPM09, LXP+12, LZT12, LLX+15a, LFH08a, LZC08, LZC09, LWLZ11, LSP15, MLS+15, MLG15, MS13, MRMC15, MHH16, MZW+16, MBC+14, MGM+08, MSV+10, MCC16, MKSS16, NO02, PSW11, RCR+15, SNH15, SKK01, SK04, SvDO15, SSZ14,

SE01, SZR16, TYHL12, TFG+12, TZKH12, TW07, TMAG03, Tru15, VCW13, WCZX16, WBB+07, XDL+11, XTZ10, XXY+16, YGL05, YHJ+14, YHH13, YLJZ13, ZQLZ12, ZCL14, ZSL+15, ZH16, ZWLY16, ZZY+15, ZCS06, Zhu07, dP06, vHvdSvL03, vdABST10, AFR09]. **Model** [PGW06, PXY+07]. **Model-based** [LGG16, BAZ09, EMEY14, PSW11, YHH13]. **model-driven** [KHZ+15, XDL+11]. **Modeling** [ADMQO14, CGIP16, DD16, DLH01, DAL15, FPC15, MBC+14, RR15, SPZ+10, WMA07, Zho06, ZBC+07, ZYL+08, ACC+12, AHP+13, BM02, CCC+16, CLZX10, CSB+16, Cuz11, Dra15, FRU12, GAE+06, GW15, LLX+15a, LBDS15, PSIP16, RGAK15, TMR+07, XWFH08, XM02, ZDA+07, ZACG16]. **Modelling** [MS10, BBPV05, BBGA03, Eng15, IAH+15, LG08, LJML10, PIGK16, RW10, dFMSPSW06, SCV+08, VGL06, vSB06]. **Models** [Fox10, OM06b, SRdS09, AGMR05, AFG+05, ABDR13, BH16, BDY03, BAGS02, CLH+08, CLRB15, DvdS06, DLM13, HTHW16, HPD+15, HWZX08, KSG11, KKGO04, LPA+08, MAVG16, MLP04, MSG10, OKM10, OHJ13, SNEP14, TSL15, TLWZ14, VYK+10, WCLC13, YOBS16, ZlC15, Zho06, ZBC+07, ZDC+09, ZLA+15, vdS06b]. **modern** [BCI+09, HTHW16]. **modes** [JMF09, RR11]. **Modular** [MPHL03, CZO+08, DBGA16, YF13]. **modulation** [LLQL14]. **modules** [FGC06, ISS+02]. **MOEA** [ACIC+13]. **moldable** [Hun15, SO16]. **molecular** [AHP+13, BDW14, BBGA03, DCD+14, DG11, EB14, GKS09, GBG+14, KF11, LGL16a, RMCN+07, TCP+05, WJT+14]. **moment** [JW10]. **monitor** [BKH08, CCCC06]. **Monitoring** [CPG+16, BAT13, FLB+05, HFDJ10, HGB+08, JBL16, LLL15, NMM+10, QLC04, SWD+15, TBK+15, XBXS13, ZSZ+14, MCSML07]. **monitors** [CMPT08]. **Monte** [CCO15a, ATVLM14, NDT+16, RDP10, SS15c, WZJD13]. **Morton** [TBK06]. **MoSGrid** [HPHB+15]. **motif** [DRZ13, FMS15]. **motion** [ABG+13, TNH15, TNI16]. **move** [Ros06]. **movement** [BCD+02]. **Mover** [AC08]. **Moving** [LTKF11, ATSAK15]. **MpCCI** [JK06]. **MPI** [BDB+13, BR04, CC10, CDMS15, DL10, DBB+16, EDSV09, FMS15, FLB+05, HRR+11, KC06, LGG16, LL01, LZC+02, LKJ03, LCC+03, LKYS04, LSK04, MTK16, MvWL+10, NSBR07, PDY14, PTL+16, QB12, WLR05, YWC11]. **MPI-2** [LSK04]. **MPI-CHECK** [LCC+03]. **MPI-IO** [DL10, LGG16]. **MPI/RT** [SKD+04]. **MPI/RT-1.1** [SKD+04]. **MPI2007** [MvWL+10]. **mpiBLAST** [YHK09]. **MPICH** [LKJ03]. **MPSO** [FTT15]. **MR** [SRM13b]. **MR-search** [SRM13b]. **MRMOGA** [JC07]. **MS** [CV07]. **MS-Analyzer** [CV07]. **Ms8.1** [ZGRSC10]. **MSBNs** [AC09]. **MTA** [BS04]. **MTA-2** [BS04]. **Multi** [BAT13, CCC12a, CCTW11, DL07, KH12, OKP16, TSL15, WJ12, WBD+03, XZ09, ZYH09, ALKD16, AT01, AFGL09, AYN+14, ART14, BPL12, BIK+11, BKSM+15, BDY03, BRCV16, dCPD13, CKOG10, CZG16, CCW+15, CZ15b, CGN15, CN16, DCJ12, DLZ16, DWC+15, DXZ+16, DA15, EFG+03, EHSU07, EJF+16, GLM+16, GPVCdBRO12, HJB12, HTHW16, HKAC14, HM16, HAA+07, IZXM09, JvAB+15, JCVU15, JC07, JQL+15, JL10, Jon09, JK10, KSG11, KOOB15, vdKEL10, LDPZ14, LXW+16,

LPY+08, LQL+09, LSMVML15, MGBC16, MHLC+05, MS07, MFG+13, MH07, MML16, MLVBW12, MDL+10, OLG+15, OAS+15, OM06a, PRS16, PZ11, PRT09, PTCN07, Puf13, RHBK11, SKK02, SAD13, SLV12, SAP16, SPW09, SWW+16, STL+15, SVN12, TYL+15, TMAG03, VGN+16, VLF+13, WLWX14, WJYH16, WLWX16, YCL11, YLC11, ZWL+13, ZM13, ZQZ+16, ZZZ+15, ZJL15, dCRS11, SAP16]. **Multi-** [ZYH09]. **multi-agent** [CGN15, CN16, GPVCdBRO12, HM16, OM06a]. **multi-asset** [DCJ12]. **multi-channel** [DXZ+16]. **multi-cloud** [LSMVML15, SWW+16]. **multi-cluster** [Jon09, YCL11]. **multi-component** [ALKD16, EJF+16, SVN12]. **multi-constraint** [SKK02]. **multi-coprocessor** [DWC+15]. **Multi-core** [XZ09, AYN+14, ART14, BRCV16, CZG16, GLM+16, HTHW16, HKAC14, IZXM09, KSG11, LQL+09, MGBC16, OAS+15, PZ11, RHBK11, SPW09, STL+15, TYL+15, WJYH16]. **multi-cores** [BKSM+15, ZQZ+16]. **multi-CPU** [SAP16]. **multi-CPU/ multi-GPU** [SAP16]. **multi-datacenter** [ZWL+13]. **multi-dimensional** [JQL+15, ZM13]. **multi-functional** [LDPZ14]. **Multi-GPU** [KH12, VLF+13, dCRS11]. **multi-grained** [MDL+10]. **multi-graphics** [OLG+15, SAD13]. **Multi-hop** [BAT13, MS07]. **multi-infrastructure** [JvAB+15]. **Multi-installment** [DL07]. **multi-kernel** [SAP16]. **multi-language** [HAA+07, PTCN07]. **Multi-layered** [OKP16]. **Multi-level** [CCC12a, BPL12, CCW+15, HJB12, LPY+08, ZZZ+15]. **multi-objective** [JCVU15, JC07, KOOB15, vdKEL10, MHLC+05]. **Multi-organization** [CCTW11, PRT09]. **multi-party** [WLWX14, WLWX16]. **multi-phase** [LXW+16]. **multi-powermode** [JL10]. **multi-processor** [AFGL09, MGBC16, Puf13]. **multi-programmed** [CZG16]. **multi-rate** [DA15]. **multi-resolution** [BDY03]. **Multi-scale** [WJ12, SLV12]. **multi-server** [CKOG10]. **multi-service** [MLVBW12]. **multi-session** [JK10]. **multi-site** [YLC11]. **multi-spectral** [AT01]. **multi-swarm** [dCPD13]. **Multi-tenancy** [TSL15]. **multi-tenant** [VGN+16]. **multi-threaded** [BIK+11, EFG+03, EHSU07, TMAG03, ZJL15]. **multi-tiered** [PRS16]. **multi-use** [CZ15b, MFG+13]. **multi-user** [AFGL09, MH07, MML16]. **Multi-wavelength** [WBD+03]. **multiagent** [CCCW13, YZR14]. **multibody** [XM02]. **multicast** [CQXW14, EBGS01, MMSN+01, TMZ07, YLY04]. **multicomponent** [MWLS11]. **multicomputer** [SAOKM04]. **multicomputers** [CDA09]. **Multicore** [DP14, ZQH12, ADMQO14, ATNW11, BHM+12, BHKW12, BLKD08, CGIP16, CLYC16, DRZ13, DJM12, DDM16, EPB14, FP09, GGV14, HLYD12, JdM12, KLDB10, LXRJ13, LS14, MHJH16, MSP+13, Nob08, PDY14, PPBB14, QB12, RVD+12, SCRV11, SLD+12, SSK11, SM09, SHC+16, SW09, TYTY15, WJ09, XLL+15, YWC11, YB12, ZYH12, RGB+15]. **multicore-aware** [PPBB14]. **multicores** [BH16, CCS14, HT15, May10, PRU14]. **multidesignated** [AYSZ14]. **multidimensional** [CWMW15, GBD16, LGL16a, LLQL14, MMG03, PDY14, SS15c, TMP16, ZZY+15]. **multidisciplinary** [RWK+02]. **multigrid**

[DVD+12, GKSR14, LW05]. **multihop** [MBP16]. **multilayer** [ZP07]. **Multilevel** [THM+11, CSTV06, EJD15, Fec12, GB07, Nak02, RCLSK16]. **multilinear** [ZXW16b]. **Multimedia** [BTG06, YWT+12, ABR+06, EB10, FWU+04, HAE09, JL10, JK10, LLWS09, LZW13, PBSB04, RS11, ZBP06, ZCC+06, LV12]. **Multiobjective** [TKB09]. **multiparty** [PCT04, RCT03]. **multipath** [SS15b, YWM+10]. **multiperiodic** [PQP13]. **multiphase** [GPS+07, MWLS11, YHJ+14]. **multiplayer** [CRC15a]. **Multiple** [CY07, FBV+13, WZS+15, AAE+09, FRKS12, JC07, LL10, LZW13, Lyo02, MAS+14, MLP04, NB12, PWMX16, SK09, SCLK15, YDS+14, ZSL+15, ZWL+15, ZNT+16]. **multiple-access** [SCLK15]. **multiplexing** [BVGVEAFG11]. **Multiplication** [ALKD16, AHK+15, DS04, FJZ+14, GW15, GR14, MRL16, NA15, OAS+15, SAD13, TDM+15, VS02]. **multiplicity** [LH14]. **multiply** [AB01]. **multipole** [LY14, MRH14]. **multiprocessor** [CLT+16, KL02, LWB13, The01]. **multiprocessors** [AD02, GA09, KC06, RF15, RS12, SWB12]. **multiprogrammed** [KL02, YL01]. **MultiRace** [PS07]. **multirail** [CFP+03]. **multirings** [YKD+15]. **Multiscale** [GBB+15]. **multisite** [DST11]. **multitasking** [IOOH12]. **multithread** [CGIP16]. **multithreaded** [ABC+15, AAC+15, BHA15a, BS10, BÇG14, GRS06, GA09, PS07, RS07, TKA+02, WT10]. **multithreading** [BCM+07, CCC12a, GE08, KIM+03, MKIO04, PHCR09]. **multithreading-based** [GE08]. **Multiuser** [LZW13, ZJL13]. **multivariate** [DLJ15]. **Multiversion** [BMS+09, BT04]. **multiversioning** [TJF14]. **multiview** [RK15]. **multiwatermarking** [WL12]. **multiway** [vSB06]. **mutual** [BDH15, BDH16, HHPL16]. **MVTC** [BT04]. **MyCoG.NET** [PTCN07]. **myExperiment** [DGA+10]. **MyExperimentalScience** [FMMD13]. **MyPYTHIA** [HCD+02]. **myVocs** [GRSB09].

Naming [GMS09]. **nanosecond** [GCO+14]. **NAS** [NNON02]. **NASA** [MDH+16]. **national** [CW07, GBMM15, HSM14, HGT14]. **native** [CCP+15, SW12]. **Nature** [TTPJ16]. **Nature-inspired** [TTPJ16]. **Navier** [DdB01, FBV+13, GSV03, HKB07]. **NCF** [PWJ10]. **near** [CCW04, JCVU15]. **near-perfect** [JCVU15]. **Nearest** [CACC11, ATI14, KH12]. **nearly** [LZWD+15]. **Neat** [BB15]. **necessary** [LFG05]. **need** [MRS+09]. **negotiation** [ADSV16, CK13, CDL08, KZY15, RCKV12]. **negotiation-based** [KZY15]. **neighbor** [KH12]. **neighbors** [ATI14, CACC11]. **Neighbourhood** [Del08, ANH16, ZQK15]. **neighbourhood-pair** [ANH16]. **nested** [TXY+16]. **net** [GHB+06, XWD+12, SGG07]. **net-based** [XWD+12]. **NetBuild** [MD02]. **nets** [DPS07, MRMC15, EB10]. **nets-based** [MRMC15]. **NetSolve** [ACD02]. **Network** [Jon09, MRL16, XZ09, ACGG06, AZF+12, AKW04, BBK11, BDF15, BSZ09, CEH+06, CRCC09, CLZX10, CZ11, CWXW16, CKRO13, CSB+16, CT11b, CS13, DFLNP07, DGL+12, GZG+16, GBMM15, HM12, HYX05, HFTQ13,

IZXM09, JK10, Jun16, KHHC13, KKT13, LJPP16, LDPZ14, LL15, LDXC13, LLLyL16, LYC16, LAL02, MS07, MAS+14, NSSAK13, NSSAK16, Not16b, OORVB14, PFC14, PZH+15, PAM+15, QZH16, SFCAV16, SPW09, Tan15, TYTY15, ULS03, WLZ11, WMA07, WL02, XTZ10, XHZ12, XADLC15, XBW+15, XZZ+16a, XLL+15, YCZ+13, ZPG10, ZY12, ZSL+15, ZWLY16, ZKJ+07, ZHGX16, ZYL+08, ZZ11, ZX11, LLX15b]. **Network-aware** [Jon09, MRL16, CEH+06, CRCC09]. **network-based** [HFTQ13, LAL02]. **network-bound** [CT11b]. **network-enabled** [DFLNP07]. **network-on-chip** [XLL+15]. **networked** [CRGR+12, LLL15]. **Networking** [ZDL07, JZJW15, RS13, RLVRGÁ14, WHXzL15, Zhu07]. **Networks** [AM07, XLWZ11, AKMZ13, Aia15, AS15, ALL+15, BPdM06, BBB16, BAT13, CLX07, CQXW14, CLH13, CGKW13, CFP+03, CNPP09, CLW+15, DLJ15, DLPV07, DFC12, Del08, DGW16, Den07, DFH10, DEF08, DMA13, DMM+07, DA15, EB10, ETR+15, FXX16, FH13, GS08, GHMX13, GGFPGB14, GLL16, HZC+14, HKA+15, HWQ+16, IHB15, JAA08, JBL15, JSPE15, JWZ13, JKZ03, KOO12, KKK10, KA16, KKW+14, KMA04, KABD07, Li04, LXP+12, LL13, LLC+15a, LWG+15, LFZ07, LAM+09, LMO15, LCMY13, LXL+09, MVWJ14, MZ06, MDX14, MMBP12, MOK04, MLRR09, MO15, ORdSL13, OEP+15, PF12, PMB15, PCD15, QLLS15, QWW+16, QKSJ07, QMK12, RCB+04, RMP13b, RH07, SAOKM04, SGCG09, SC07a, TKHA13, TZYL13, TLWZ14, Tru15, VRDTB+16, VvSI07, WBZ10, WYQ+13, WZS+15, WDW+15, XW13, XBW+15, XJZ13, XGXH15, XZT+11, XLL+12, YBO10, YHHS16, YKD+15, YWM+10, YQL+15, YLJZ13, YMLR16]. **networks** [ZK08, ZQLZ12, ZJL13, ZACG16, ZGX11, ZLA+15, ZCS06, dCRS11, dCHMJ12]. **networks-on-chip** [GGFPGB14]. **neural** [ACGG06, DFC12, DMM+07]. **neuronal** [dCRS11]. **Neuroscience** [BDMM+05, SBJ+15, SvDO15, SMY+15]. **Neutralizer** [YDL09]. **Neutron** [CGK+07, CGK+07]. **news** [ZW09]. **NEWT** [CS15]. **Newton** [vEGW06]. **Next** [Ang07, Can06, CS06, Aia15, CDL08, CPS+14, GPS+07, KMJ14, MSL+14, UAW09]. **Next-generation** [Ang07, Can06, CS06, CPS+14, GPS+07, KMJ14, MSL+14]. **ng** [RHD+16]. **NIC** [Gog11]. **NIC-assisted** [Gog11]. **no** [LSS15]. **Noah** [BDG08]. **NoC** [GGLD11]. **node** [DLJ15, DDX+06, HJB12, XGXH15, ZQLZ12]. **nodes** [DWC+15, VT15, ZWLY16]. **noise** [GA09, PWJ10, XLYX11a]. **Non** [BCM15, CLH+11, DPS07, LLYL09, SJVR15, SSMB15, XWD+12, dSGD14]. **Non-clairvoyant** [BCM15, dSGD14]. **non-deterministic** [SSMB15]. **non-dominated** [SJVR15]. **non-Markovian** [DPS07, XWD+12]. **non-memory** [CLH+11]. **non-uniform** [LLYL09]. **Nonblocking** [RTET15]. **nonblockingly** [DGW16]. **Nonintrusive** [TC12]. **Nonlinear** [LW13, CHM15, DS15, VDPC03]. **nonrepudiation** [HHPL16]. **nonsubsampled** [PJW+14]. **nonuniform** [XGXH15]. **NORIA** [MRMC15]. **normalized** [PLL14]. **North** [ZZYW10]. **NoSQL** [HWZ+15]. **Note** [Ano13, Ano15d, Ano15b, Ano15c, RBNG15]. **nothing** [BOF15]. **novel** [BOB13, HZHP09, HXY+12, HYLG15, HCG07, JML+16, JN03, LSH+16,

PZH+15, PSIP16, RMCHMG15, VRDTB+16, WZXZ12, XZHW09]. **Novo** [LGL16a]. **Novo-G#** [LGL16a]. **NPACI** [NCWD+04, PKB03]. **Nsp** [CLL14]. **NT** [KF01]. **nuclear** [DGR+07, GIVRC+10]. **nucleation** [HTR10]. **NUMA** [Cha03, ZJL15]. **number** [LMO15, PPMH15]. **numbers** [RTPPH12]. **Numerical** [LOKW+10, DFLL14, GSB+12, HTR10, MAVG16, MB02, Nob08]. **numerics** [TGB+10]. **NVIDIA** [LSH+16, VFG11]. **NWChem** [HKS+12].

O [LFG05, BKND16, BDT01, LQL+09, LLT+14, LFG05, WTL+16]. **OaaS** [FTR15]. **OB** [XHCL15]. **Obfuscation** [CZ15b]. **Obituary** [OS09]. **Object** [EB05, HWR03, SWL+01, VJHB05, AM01, AJMJS05, Bac03, BGM03, BKCP09, BP03, CL01, CMPT08, CGS15, CM02, DLH01, GKG+04, HmLGP03, HK02, HPS12, HCK+08, JL10, KS04, LVN+12, LK03, LH05, MP03, NMKB03, OCS01, ORdSL13, Pre01, QSMK04, RJ01, dFMSPSW06, SKK01, YB12, GMF01]. **object-based** [BKCP09, CM02, HCK+08, NMKB03]. **Object-oriented** [EB05, HWR03, SWL+01, AM01, CL01, CGS15, DLH01, GKG+04, HmLGP03, HK02, KS04, OCS01, QSMK04, RJ01, SKK01, YB12, GMF01]. **object-passing** [AJMJS05]. **objective** [JCVU15, JC07, KOOB15, vdKEL10, MHLC+05]. **Objects** [TM01, ATSAK15, DPP03, DS15, FHO+15, FRKS12, IR11, LL10, MS05, NN07, Pun01]. **oblivious** [HT15]. **Observation** [SM09]. **observations** [vHvdSvL03]. **Observing** [TV14]. **Ocean** [JWY+05, DvdS06]. **oceanographic** [vHvdSvL03]. **octree** [CC13]. **ODMG** [dFMSPSW06]. **OFDMA** [ZJL13]. **off** [AAC+15, DMR+07, HBKM06, KAL07, YLLZ09, GHMX13]. **off-line** [DMR+07]. **official** [Cog03]. **Offline** [Dam11, RLZ15, TY15]. **offset** [HM12]. **OGC** [DCY+08]. **OGCE** [ZKA07]. **OGSA** [AKK+07, AAB+05, LHT+09]. **OGSA-based** [LHT+09]. **OGSA-DAI** [AKK+07, AAB+05]. **OGSI** [Slo06]. **oil** [KCZ+05, MBP+05, PML+05]. **OLAP** [KLP+08]. **oligonucleotide** [MKKB04]. **Olympic** [PdCMdS+12]. **on-board** [ZJS11]. **On-demand** [ASWR12, CCSS10, LL10]. **on-line** [CRC15a, zGWXT09, HK01, VB16]. **on-line/off-line** [zGWXT09]. **on-the-fly** [PS07]. **One** [God12, Hun15, KMA04, DBB+16, LSK04, SKS+08]. **One-class** [God12]. **one-sided** [DBB+16, LSK04]. **One-to-all** [KMA04]. **Online** [LGL16b, LLX15b, RS16, BDL+15, BB12, CS13, Ios11, JSPE15, Kar14b, MCXP15, RS07, SZR16, ZW09, ZXW16a, dSGD14]. **ontologies** [FTR15]. **Ontology** [FTR15, MPS11, MST15, AM15, AHH14, DHC11, DH13, FTRA15, KGGT12, PME+08, UAW09, XWD+12]. **ontology-based** [AM15, KGGT12, PME+08, XWD+12]. **ontology-learning-based** [DH13]. **OODB** [mLGP03]. **OOLKIT** [ABF+10]. **Open** [BFG01, BDP+14, DGA+10, KZY15, MRJ+14, Men03, MGM+08, Nob08, PSLC11, PPC+15, TTL06, YWA07, ACF+07, CEG+05, DT15b, Lee09, MM10, SKNH09]. **open-source** [BDP+14, Nob08, PPC+15, TTL06, YWA07]. **OpenACC**

[CGK+16, JCP15]. **OpenCL** [ABDP15, FVLS15, LL16c, SAP16, WJP14]. **OpenCL-based** [WJP14]. **OpenFlow** [GCWE15]. **opening** [LZC14]. **OpenMP** [CLYC16, CBPP02, GG09, HDDG09, JCP15, KOB01, KBVP07, KBG+09, KC06, LHC+07, LL01, MLC04, Nob08, YWC11]. **OpenMP-like** [KOB01]. **OpenMP-oriented** [MLC04]. **OpenStack** [BB15, TKB16]. **OpenUH** [LHC+07]. **operating** [Cha03, LBDS15, PT12, SZR16, YL01]. **operation** [LWLZ11, ON02, PCVZ+04, SRM+15, SSMB15, YYS15]. **operational** [YGL05]. **operations** [AAI12, DHM14, HKRR08, JLT06, KLDB10, LZY+16, OK15, SGCA+16, ZX11]. **Operative** [CRC+15b]. **operator** [DPS16]. **opinions** [ZTM12]. **Opportunistic** [EB10, CC10, DKKL06, FBC10, dAGC11, HM12, PGK11, TYHL12, ZQLZ12]. **Opportunities** [YWT+12, LH05]. **optic** [ZBZ+15]. **Optical** [AS15, LLN+14, GDD+04, OORVB14, RLVRGÁ14]. **Optimal** [BB12, CCCW13, KB06, CSBL12, CW11b, DKJ13, ER12, JL10, JKV+15, KA16, LS15, LQL+15, PTL+16, RCA+12, ZQK15]. **optimality** [Mal05, Viv03]. **optimisation** [GCWE15, GvDHS12, YOBS16]. **optimism** [LLT09]. **Optimistic** [SSMB15, RM11, XPS+15]. **Optimization** [DVD+12, MO02b, OA02, PSM+11, PXY+07, ZDX12, ALKD16, BSP11, dCPD13, CSL12, CL07, HLL+15, HAA+07, JLT06, KKT13, LWY+16, LLLyL16, LGL16b, LSMVML15, MHLC+05, MRL16, MBP+05, MCB14, MCAB+02, NRR15, PLR+14, QSMK04, RK15, SWH08, SD11a, TV14, VJHB05, WSL15, WCCL05, WMvP+09, XDE+04, YPLJ11, ZHT08, ZT09]. **optimization-based** [TV14]. **optimizations** [JCVU15, KKL09, LL16c, SAdB+16, VHBB03, VCW13]. **Optimized** [KL12a, ZJKL10, ABF+10, BWD15, IHB15, JK10, KCB09, KKW+14, PDC16, VS02, ZWL+15]. **Optimizing** [BH09, BBK11, Cha03, CQXW14, CCG+08, GE06, HM12, HWZ+15, ITK09, KR11, PSCK+15, RKS02, RC09, RSMFE+12, SK09, SRL+14, TK10, VŠ11, ZYZ+12, DAL15, EDBS08, LF15, LXW+16, LHC+07, TZK16, WTN07]. **option** [CCO15a, HLCW15, LL16a, TTPJ16, ZO14]. **options** [DCJ12, PW12, TZKH12]. **orchestration** [JDB16, LM08, MK15a, PPC+15, RBNG15, SHP14]. **order** [KHHC13, LW13, MSV+10, PCT04, RC09]. **order-based** [PCT04]. **ordering** [RMCHMG15]. **organization** [CCTW11, DDX+06, PLY13, PRT09, ZBC+07]. **organizational** [XZZ+16a]. **organizations** [CG10, GRSB09, PCH+08, ZYN+07]. **organized** [KOO12, LAM+09]. **organizing** [HM16, PB12, RIFR10, XDE+04, ZWMT12]. **oriented** [AM01, AAHRW04, ACS10, BR10, BGM03, BAVM11, BM08, BML08, CL01, CLTT13, CGS15, CLH+08, DLH01, EABVGV14, EB05, GYM14, GKG+04, GMF01, HmLGP03, HK02, HWR03, HFTQ13, JBL16, JLCA07, KS04, KJŚ+15, LFH08a, MCWL06, MP05, MLC04, MSS16, DMRS15, OCS01, Pre01, QZYZ16, QSMK04, ROA+07, RJ01, RW10, RDP10, SBBE07, SKK01, SWL+01, TTV08, TGB+10, WBHW08, WZZL13, YLJZ13, YB12, ZFT08, Zhe16]. **Origin** [LL01, LSK04, PIH04]. **orthogonal**

[LZW13, LCJ14, RRR04]. **orthologous** [COdO+11]. **other** [KHW05, Sod05]. **out-degree** [ZWLY16]. **Out-of-core** [ABC+15]. **out-of-the-box** [XHCL15]. **outdated** [HZL+16]. **outreach** [AMRT14]. **outsourced** [QZDJ16, WDLL10, WYBS16]. **outsourcing** [SWW+16]. **overflow** [LWW06]. **overhead** [MA15, Tan12, YLLZ09]. **overheads** [LLdA08]. **overlapped** [GBFP09]. **overlapping** [PGW06, Yos06]. **overlay** [KA16, LWF+15, RIFR10, RH07, VvSI07]. **overlays** [BDF15]. **oversubscription** [DGW16]. **overview** [DCG15, SWHL16]. **ownership** [PNB04].

P [Ano06, Kac11, CWL03]. **P-GRADE** [Kac11]. **p-Jigsaw** [CWL03]. **P2P** [Ang08, BGdCCA11, BKH08, CLX07, CZ11, CT11b, CLW+15, Del08, JLHH14, KA16, RH07, XPBS11, XPS+15, XBZ10, ZEB10, dAAVS12]. **P2P-based** [XBZ10, ZEB10]. **P2Pedia** [DCEK15]. **P2PGrid** [CLX07]. **P2PPerf** [EDBS08]. **P2PScheMe** [dAAVS12]. **PaaS** [PB16]. **PAC** [WLL14]. **package** [PSM+11, Sch04, WO14]. **package/access** [Sch04]. **packed** [BGGL07]. **packet** [ALL+15, CKRO13, GGLD11, ZL12]. **pad** [YWY+10]. **PADTAD** [Ur07]. **page** [PZZ08, PZZ10]. **PageRank** [PCD15]. **pair** [ANH16]. **pairs** [QZYZ16, SSB+14]. **pairwise** [AMHC11]. **PAKA** [XZJ11]. **PALF** [LYL07]. **Palirria** [VB16]. **Palladio** [BWEB14]. **PALM** [BPD06]. **Papers** [AHP+13, BHD13, BKZ+13, BDB+13, CWZL13, CCCW13, dOCPFJ13, CLTT13, CKRO13, CAG+13, CMT13, CS13, DRZ13, DRS+13, DVL13, DLM13, DH13, EBMD13, ETR+13, HL13, HMPPT13, HFTQ13, JJGL13, KM13, LXRJ13, LMKT13, LDXC13, LW13, MWL+13, MS13, MSP+13, MFG+13, MISV13, NSSAK13, ODS+13, PLY13, PRD+13, PB07b, PK08, Puf13, QLS13, RMP+13a, RHRB13, RTMZ13, SRF13, TWB13, VCW13, WAS07, WZZL13, WC08, WCLC13, XBXS13, XW13, Xu08, XJZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, ZLN+13, ZHZ+13, PDD14]. **PAR-3D-BLAST** [SL14]. **paradigm** [CKBB14, FJ05, PRS01, ZBP06, ZDC+09]. **paradigms** [CS13, GWC+11, MLS+12, PRS01]. **Parallel** [AMHC11, Ano15a, BGGS14, BHQOS15, Bok12, BDY02, BLKD08, CC13, CMPT08, CACC11, CCW06, CSTV06, DCG11, DSO+01, FLMRC02, FCT+02, GKSR14, GA08, GSV03, GKK09, HLCW15, HM04, ISS+02, JN03, JKV+15, Kni06, KLP+08, KB12, LJPP16, LKPM09, LS05, LBH07, MMW16, MKB01, MQOQOH01, MSM+14, NO02, Nak02, OLG+15, PCVZ+04, PIH04, Pla08, PPP10, PA08, QSMK04, RSM01, RTPPH12, SPMP11, SKK02, SG16, Str11, SN16, SEF+14, TTD+05, TFDA07, WZ04, WCH+07, WT15, YA04, ZP07, ZZZ+15, vAVS12, AAP13, AA16, ABF+10, AML+15, ABV05, AC09, Ano06, ADK+16, ACIC+13, BGGL07, BJ01, BFR05, BCD+02, BG14, BBCG02, BB02, BB04, BCM+07, BdL06, BV11, BKND16, BCC+05, BDV02, CML+10, CDA09, CT11a, CLL14, CLYC16, CCW04, Cho01, CGS15, CNP+15, CZL12, CLRB15, CCT15]. **parallel** [CRV15, DDP+06, DCJ12, DVB14, DLX+16, DPP03, DS04, DdB01, DCK12, DLM13, DDF+15, DvNM+11a, DT01, EMEY14, ESG11, FBH+01,

FJ05, Fec12, FLYL16, FMS15, FBV+13, FYKW15, GMT07, GG09, GQ04, GDMT+12, GM04, GE08, GvDHS12, GWC+11, GPZ04, HKVW16, HMM+09, HPVRPF14, HdV13, HSHT14, HLO+16, HW16, ITK09, ISO+14, IT03, JC07, JML+16, JLCA07, KOB01, KHZN06, KM03, Kes04, KL12a, KTR11, KOOB15, KRS11, KPS14, KR11, LW05, LLRS03, LK03, LPH09, LM07, LDZ14b, LL15, LG08, LSP15, LB11, MRL16, MST+05, MJL01, MRS03, MBC+14, MO02a, MKKB04, MPSGD14, MJD15, MCSML07, MCC16, MvWL+10, MDL+10, NSBR07, NMM+10, NC05, NvV09, NNON02, NDT+16, ODS+13, PW12, PSG03, PPMH15, PS10, PV04, PRC+14, PSM+11, PPST09, PT12, PSCK+15, QH10, RR15, Ree01, RR11]. **parallel** [RGL+15, RLVRGÁ14, SL14, dFMSPSW06, SV09, SAB15, SRM13a, SRM13b, SER15, SK04, SCBH09, SM03, SBDP15, SİM+07, SVS+08, SLM05, SS15c, TYL+15, TY15, TCH+13, TF03, VCP16, WLLL15, WDG+14, WCR+14, WBO16, WLW14, WMDM07, WLL03a, XPBS11, XCHY13, YYCH10, YWC11, YGG14, Yos06, YL01, YB12, ZF14, ZYZ06, ZP06, ZSZ+14, ZYW+16, ZYLT06, dCGKG06, dOOO+12, vHvdSvL03, vHMB08, CM07b, JWY+05, PNL10, SMBT07, TL14, Ur07]. **parallel/distributed** [MCSML07]. **Parallelism** [BPL12, VRSJ15, DS04, FJ05, GVC10, HJB12, MB14, OGA+01, VB16, GDD+04, MMS07]. **Parallelism-based** [VRSJ15]. **Parallelization** [GB07, HKB07, Riz04, SS15a, SSK11, TRH+02, DT15b, HC07, PSJM13, SMBT07, TRW07]. **parallelize** [SJVR15, SPW09]. **Parallelized** [GPV09, MKAKG14]. **Parallelizing** [BHL+09, BHPS14, CCP+15, DK09, LXW+16, BY12, YTF+01]. **ParaMEDIC** [BFL+10]. **parameter** [AAE+09, ISO+14, RMCN+07, YGG14, YK10]. **Parameterizable** [ZCL14]. **parameterized** [CHM15, SS07]. **parameters** [JCVU15, OORVB14]. **Parametric** [vEGW06, IÁE11, KS04]. **parasite** [LLRS03]. **Pareto** [MHLC+05, Mal05, RLVRGÁ14, TZK16]. **Pareto-based** [MHLC+05]. **parity** [LDZ+15]. **parity-check** [LDZ+15]. **Partial** [ZHW+16, BJ01, DFLL14, KKW+14, LWLZ11, MCG+08, PS10]. **Partially** [XLL+15]. **participatory** [BvIF10, CGOF15]. **particle** [AA16, BDY02, BDY03, dCPD13, MLVB05, QH10, RK15, VDL+15, XDE+04, ZHT08, ZT09]. **particle-in-cell** [MLVB05, QH10, VDL+15]. **partition** [BTCB16, HWZ+15, PZZ08, PZZ10]. **partitioned** [ZDB+14]. **partitioning** [GPZ04, PMAL14, SKK02, SHC+16]. **partitioning-based** [GPZ04, SHC+16]. **Partner** [HAJL16, MABP13, MBP16]. **party** [FIO15, WLWX14, WLWX16, ZZC15]. **Pascal** [CCO+15b]. **PASS** [MCWL06]. **Passing** [AMHC11, SWL+01, AJMJS05, BCM+07, Gog11, NMKB03, OKW15, RMG+10, RM11, SVS+08, SSZ14, HSBMR08]. **password** [Eng15, FIO15]. **password-based** [FIO15]. **past** [DLP03]. **pasts** [BFU07]. **patent** [QZYZ16]. **Path** [DT15b, BM07, LZH+15, RC09, VO15]. **paths** [GP07]. **pathways** [LTM+14]. **patients** [ZBZ+15]. **Pattern** [TTR+10, CGS15, DCFC08, FBC10, SAdB+16, WZ16]. **patterns** [AAF+07, CT12, DT15a, HHWZ08, LJPP16, WMDM07, ZJKL10]. **Payment**

[CDL08]. **PBlaman** [BWEB14]. **PC** [HON04, LKYS04]. **PCR** [ALVY05]. **PDA** [PB07a]. **PDE** [ALKD16]. **PDE-based** [ALKD16]. **PDEs** [JN03]. **PDNOC** [XLL+15]. **peak** [LM08, YZZ+10]. **Peer** [Man08, Zha08, BM10, CRC15a, DCEK15, DS07, DvNM+11b, EDBS08, EB05, FG16, FPR05, GS08, LDXC13, LNKZ08, LFZ07, LAM+09, MABP13, MME13, NR08, PGW+08, QMK12, RGV09, SAC+07, TLWZ14, Tru15, XLL+12, ZK08, ZCS06, dP06]. **Peer-to-Peer** [Man08, Zha08, CRC15a, DCEK15, DS07, DvNM+11b, EB05, FG16, FPR05, GS08, LDXC13, LNKZ08, LFZ07, LAM+09, MABP13, MME13, NR08, PGW+08, QMK12, RGV09, SAC+07, TLWZ14, Tru15, XLL+12, ZK08, ZCS06, dP06]. **peer-to-peer-based** [BM10]. **peer-to-peer-distributed** [EDBS08]. **PeerfactSim.KOM** [FG16]. **PEGASUS** [TBK+15, LPS+09, MCD+15]. **PEKS** [ZQD16]. **penalties** [KF15, LFG05]. **access** [Sch04]. **AVC** [RSMFE+12]. **B.E.** [BHH09, VSR+09]. **black** [KC13]. **C** [SSB+14]. **CDMA** [MS07]. **cloud** [MB12]. **cost** [GWVP+14]. **digital** [LHC14]. **distributed** [MCSML07]. **exploitation** [FTT15]. **graphics** [GGV14]. **H.265** [JML+16]. **HOL** [Sch04, vO01]. **HPF** [FSPC+02]. **JA** [ISKvW02, Ogi02, SIOS02]. **MAX** [BTG06]. **MPI** [NO02]. **multi-core** [SEF+14]. **multi-GPU** [SAP16]. **O** [BFL+10]. **off-line** [zGWXT09]. **OpenMP** [VDL+15]. **optical** [CKRO13]. **output** [AAI12]. **P** [RGL+15]. **Pegasus** [KDG+08]. **portlets** [YAA07]. **RT-1.1** [SKD+04]. **RV** [MP05]. **subscribe** [BBPV05, MWPL15, TKK+11]. **SX** [MAH+02]. **unload** [YZ10, ZYL10]. **PENNANT** [Fer15]. **Peptide** [MHLC+05, WJP14]. **perfect** [JCVU15]. **Performance** [ALKD16, AHP+13, AF14, AC06, AFG+05, AM07, BA04, BB02, Ber07, BSP11, BY12, BD04, BUVS10, BLSP11, CML+10, CGK+16, CRCC09, CCW04, DDE+12, DMA13, ESG11, FMM08, FN13, FJG+13, GG07, GLMT15, GMVRGS15, GS04a, GHPR05, HJB12, HKVW16, HKS+12, HK01, IHB15, JFI+08, JLHH14, KAL07, KS02, KC06, LLRS03, LSS05, LHL10, Li04, LWG+15, LL16b, LJML10, LKYS04, MST+05, Mar05, MDH+16, MLY10, MWW10, MN10, MNL15, MWLS11, Nel05, NJ05, OCC+05, OAS+15, PFU+05, PGB03, PHGK10, PW05, QB12, RGAK15, RK01, RMCN+07, SFCAV16, SIOS02, SWB12, SFN12, TWN07, TMR+07, WKT08, YWC11, YOBS16, ZPG10, AA16, AKK+07, ABF+10, ABDP15, AP10, AAC+15, ADI+14, AC08, AKM+06, BCD+10, BHJ+16, BB12, BFM+10, BM08, BS10, BDT01, BBD10, BDG+10, BPT+16, BWEB14, BDH15, BPD06]. **performance** [CMW02, CC13, CPG+16, dOCPFJ13, CKOG10, Cha03, CLYC16, CBPP02, CNG13, CXPL15, CLS14, CL16, CEG+05, CFP+03, CRGR+12, DLPV07, Dam11, DRZ13, DDX+06, DS02, DMR+07, DPS16, DL10, DMD16, DFLL14, DZM+15, DLT+16, EGGA+04, EMS11, EMS15, ETR+13, FBH+01, FLYL16, FMP10, Fox12, FBS16, GFBR10, GWW+10, Ger05, GF07, GMT07, GO10, GKSR14, GGV14, GBMM15, GCN09, GA08, GWVP+14, GTA10, GW15, GYP+16, GVP+14, HM12, HDDG09, HTHW16, HMM+09, HPS05, HTI05, HvNJB15, HLHC12, HY12, JWY+05, KF15, KA09, Kar14a, KHZN06, KHW05,

KL12a, KCB09, KSM+08a, KTR11, KW01, KF11, LL05, LM07, LSH+16, LSS15, LHBW15, LLH+15, LFH08a, LQL+09, LAL02, LL01, LKJ03, LSK04, MBP16, Mal05, MMMP01, MLVB05, MBC+14, MOK04, MO02b, MDV07, MA15, MKSS16, MB02, MM10, NMM+10, Not16b, PSRR14, PPBB14]. **performance** [PBF15, QXXZ16, RVRD10, dRRdCRR16, RCB03, RGL+15, RCLSK16, RM03, RGB+15, SM02, dFMSPSW06, SAB15, SRF13, SER15, SCC+10, SLGL16, SCBH09, SSK11, SWD+15, SM09, SIM+07, SSB+14, SFH13, SFT15, SRL+14, STL+15, SLM+10, SS07, TTD+11, TYHL12, TTPJ16, TRW07, TF03, VS02, VJK13, VDL+15, VdSK+05, WK07, WTN07, WCL+10, WTL+16, XWD+12, XZZ+16a, YYS15, YBC+07, ZF14, ZCC+06, ZCL14, ZZ16, ZL12, ZJL15, ZDX12]. **performance-aware** [KL12a, LFH08a]. **Performance-based** [LHL10, NJ05, YWC11]. **Performance-driven** [GLMT15]. **performance-energy** [AAC+15]. **performance-oriented** [BM08]. **performance/cost** [GWVP+14]. **performances** [CGIP16]. **periodic** [RF15]. **peripheral** [Sin10]. **periscope** [GO10, LGG16]. **Perl** [MTD+02]. **permeation** [KF11]. **PERMIS** [CZO+08]. **permutation** [MCB14, PSM+11]. **persistency** [DFLNP07]. **personal** [CGOF15, GHMX13]. **personalization** [FHH15, WLDL08]. **personalized** [CLMM12, God12]. **perspective** [CLW+15, WDW+15, ZSL+10]. **perspectives** [LZWD+15, VRSJ15]. **pervasive** [GZG+16, JQSP08, RCB+04]. **petaflop** [GKS09]. **petascale** [EDB+14]. **Peter** [OS09]. **Petri** [DPS07, EB10, GHB+06, MRMC15, XWD+12]. **Petri-net-based** [GHB+06]. **PGAS** [LGLA15, MRH14]. **PGAS-FMM** [MRH14]. **phase** [LXW+16, MWLS11]. **Phi** [KKW+14, MTK16]. **photodiodes** [PIH04]. **photonic** [AMSR14, GGFPGB14, MVWJ14]. **photonic-electronic** [GGFPGB14]. **photonics** [BG14]. **phylogenetic** [BAD+11, SJVR15, SLM04, SLM05]. **phylogenies** [MKAKG14]. **Physical** [SZ11, DZW+11, GWVP+14, IT03, ZX11]. **physics** [Fer13, Sod07, TB12, VDPC03]. **PI** [ZZYW10]. **PID** [LWW06]. **pilot** [RMCHMG15]. **PIPE** [SMBT07, ZYW+16]. **Pipeline** [CGS15, TCBR11, WWG+11]. **pipelined** [DKJ13, GPV09, MKSS16, RCA+12]. **Pipelines** [AGMR05, GVC10, KKL06]. **pipelining** [YWY+10]. **pivoting** [DFLL14]. **pixel** [Pla08]. **pixels** [FRKS12]. **place** [DVL13, PSHL11]. **placement** [EMS15, SHST13, WZLQ16, WSW+12]. **Planning** [MLVBW12, BPB08, DHH+13, LZH+15, PPST09, XLZD13]. **plant** [DGR+07]. **planted** [DRZ13]. **Planting** [CRV15]. **plasma** [RR11, Sod07]. **plasmas** [RMCHMG15]. **Platform** [GPW03, MZK16, ACFT15, AFG16, ATNW11, CSMB15, CJZZ10, CS15, DJM12, FÁBE11, HVM+15, MCC+15, MD02, NO02, PPC+15, RCM12, WWL+15, WZLQ16, XBB13, YP10, CEG+05]. **platform-as-a-service** [ACFT15]. **platforms** [AYN+14, BEQOR13, BCM15, BHQOS15, KSR14, LQL+09, MRL16, MB12, MTT15, PRV11, QLS13, SER15, The01]. **play** [WYAB07]. **pleasingly** [GWC+11]. **PLPP** [MMS07]. **Plug** [WYAB07, BKM+07b]. **Plug-and-play** [WYAB07]. **plug-in** [BKM+07b].

Plugging [BKM+07b]. **plugin** [CS15]. **PMaC** [PTL+16]. **POGGI** [Ios11]. **point** [BTG06, LCM12, LDZ14b, MMS07, OTG+07, WCR+14, YZZ+10]. **point-set** [WCR+14]. **points** [LCJ14, Soo16]. **points-based** [Soo16]. **PoLAPACK** [Cho01]. **Polder** [IBvA+02]. **policies** [BBC16, KKV13, NNvVdA09, OSK+01]. **policy** [BBC16, CVK15, LFWS15, RAFD14, WZC16, YL01]. **policy-based** [CVK15]. **pollution** [BGdCCA11]. **polymorphism** [KS04]. **polynomial** [CH04]. **Pool** [HR06, VCP16]. **pools** [KR04, TK10]. **POP** [JWY+05]. **popular** [PBF15]. **population** [XBXS13]. **portability** [ABDP15, CGK+16, GFBR10, JWY+05]. **portable** [BMV03, DPP03, DLZ16, DT01, LHC+07, RMG+10]. **Portal** [GBB+15, Nov02, SPR+07, AHB+10, AC02, ACC+07, BAD+11, BFM+06, CW07, HCD+02, HAA+07, Kac11, KBH+15b, MCY+10, NRW04, PYF02, PGP+10, YWA07, YBB+07, YLEB14, ZDA+07, ZKA07, vLDA07, ACMA07, CM07a, HBH02, NNTH+02]. **Portal-based** [SPR+07]. **Portals** [EMB11, GvHKK11, Tho07, BKM+07a, BKM+07b, MH07, NAP+07, TDM+02, YAA07]. **portals/portlets** [YAA07]. **portfolios** [BRCV16, WSRM12]. **porting** [DHH+13, KOK14, WWG+11]. **portlet** [WYAB07]. **portlets** [ACF+07]. **pose** [RK15]. **position** [XZZ+16a]. **positive** [HZL+16, LZWD+15]. **possession** [ZNT+16]. **possibilities** [HGT14]. **Possible** [SCNH07, PFU+05]. **postseismic** [ZGRSC10]. **potential** [BHA15a, RMCN+07, YZ10, ZGL07]. **Power** [KBB11, LBdM+16, MSP+13, PSL+16, TQL+14, ADMQO14, AMSR14, DMW+10, DGR+07, GKG+04, GYP+16, HKVW16, HTHW16, MFG+13, SLGL16, WRLS12]. **Power-aware** [KBB11, LBdM+16, MSP+13]. **power-saving** [MFG+13]. **powered** [ADSV16]. **powermode** [JL10]. **PPAM** [WT15]. **Practical** [EA12, FLYL16, JWY+05, XW13, CSB+16, HWZX08]. **Practice** [Ano06, FH01, TH10, BCCM16, CHPvdG07, Fox12, GTL06, Hun15, JCK+13, RKS02, RLC16, TTL05, TDM+02, YDB+13]. **practices** [GRGP12]. **practitioners** [HMPPT13]. **Pre** [PWJ10, SGCG09, YHHS16]. **pre-distribution** [SGCG09, YHHS16]. **Pre-seismic** [PWJ10]. **precedence** [Hun15]. **Precision** [BLDW16, KD07, LCM12]. **Precision-tuning** [BLDW16]. **preconditioner** [JN03]. **predicates** [ZYZ+12]. **predictability** [WLZ11, ZSL+10]. **predictable** [HWQ+16, MDX14]. **Predicting** [BHA15a, SIM+07, DFC12, FBC10, XDL+11]. **prediction** [AD02, BPL12, BDTdS13, DMR+07, DKMV07, GPV09, JFI+08, KA09, LLX+15a, LS05, MAVG16, MV16, NNK+07, PSRR14, SL10, Soo16, STL+15, TZLC15, VGN+16, ZTM12, ZYZ16, ZACG16]. **predictor** [BKCP09]. **preempting** [SJB14]. **preemption** [KW11]. **preemptive** [Bou06, KW11]. **Preface** [BM12, LL13, Nag10, NM10, LS14]. **prefetching** [BKCP09, CM05, Lia16]. **prefix** [WBO16]. **prefix-doubling** [WBO16]. **Premia** [CLL14]. **preprocessing** [CV07, LQL+15]. **preprocessor** [PBSB04]. **presence** [LGFM05, MOK04]. **present** [DLP03]. **preservation** [ZLN+13]. **preserving**

[AD15, BC16, DZC16, LW13, WHXzL15, WZC16, XZZ16b, YNX+16]. **preventing** [Kin04]. **prevention** [SPW09]. **Price** [PGW06, BGGS14]. **Price-sensitive** [PGW06]. **pricer** [BLDW16]. **prices** [BGGS14]. **Pricing** [ATVLM14, PGW06, TZKH12, CCO15a, CL07, DCJ12, DCJ14, HLCW15, LL16a, MB02, TTPJ16, TKB16, ZO14]. **primary** [CP14]. **primer** [SSM04]. **primitives** [ABDP15, BBCG02]. **principle** [MLL+11]. **prioritized** [LHT+09, YYS15]. **priority** [KW11, ZWMT12]. **priority-based** [ZWMT12]. **PRISM** [VGL06]. **privacy** [AD15, BC16, DZC16, JBL15, LWYM16, LWY15, QWW+16, WAD12, WHXzL15, WZC16, XAK16, XZZ16b, YKD+15, YMLR16, YNX+16, ZLN+13]. **privacy-preserving** [BC16, DZC16, WZC16]. **private** [DXWC16, ESG11, GLM+16, HJM+11, JJGL13, TZ16]. **privilege** [MLL+11]. **Proactive** [VvSI07, CW09, HHKA14, SZA08]. **PROB** [YP10]. **probabilistic** [ALL+15, CXPL15, LNCY11, YZ10, ZCS06]. **probabilistically** [LLT09]. **probable** [BRCV16]. **probe** [MKKB04, SS07]. **problem** [ABV05, ACIC+13, BPL12, BIK+11, Bok12, CKRO13, CGK14, CS16, DRZ13, DdB01, FMS11, GP07, HC07, JPWH02, KH12, LAC+08, LWK15, MPS11, MCB14, MME13, RM03, RLVRGÁ14, SDB02, SSB+14, TL14, WLLL15, WLLL16, YA04, vSB06]. **problem-solving** [JPWH02, LAC+08, SDB02]. **problems** [BWD15, CW07, CG01, GF07, LZZ+15, SD15, YDS+14]. **procedure** [KKK10]. **Proceedings** [Run10]. **Process** [BR10, CWZL13, CMB06, CMD11, HRR+11, HY12, ITK09, KSPM12, May10, ON01, ON02, RW10, XLZD13]. **Process-oriented** [BR10, RW10]. **processes** [FÁBE11, IÁE11, IÁBE11, Jos05, SGG07, TALT16, XZHW09]. **Processing** [SMBT07, WT15, ATVLM14, ACC+12, ADF+13, BDW14, BHQOS15, CY15, CRB09, CGIP16, CP14, CTAB16, CS13, DDP+06, DCJ12, DCJ14, DG11, DZJ+15, DL07, DT15b, EMS11, EPA15, GGV14, JQL+15, JdM12, JZZL06, Kar14a, KC13, KKL06, KLP+08, LPS+09, LPH09, LKPM09, LDZ+15, LLH+15, LWLZ11, LSJ16, LPG+14, MAS16, MCB14, MK12, MPSGD14, MWL+15, MCXP15, OLG+15, PSRR14, PPST09, Pla08, PSCK+15, RMP+13a, RLZ15, RS11, RCA+11, RHD+16, RCR+15, RK15, SNH15, SPMP11, SPZ+10, SAD13, SK04, Str11, SEF+14, TZKH12, VDL+15, VCW13, WJT+14, WCZX16, WJYH16, WCLC13, XPBS11, XCHK14, XZT+11, Yos06, ZLLL11, ZWL+13, ZO14, ZHGX16, ZDG+14, dRC10]. **processor** [ABDP15, AFGL09, CLRB15, GSG06, KD07, LHC14, LL01, MGBC16, MCP+12, Puf13, RRR04, YL01]. **Processors** [ZYH09, AAC+15, ADMQO14, BHM+12, BHKW12, CSWB11, DLZ16, GCPS+14, JLT06, KBE07, KKW+14, KL12b, KLDB10, LGLA15, LYL07, LLYL09, RVD+12, SNK+15, SPW09, TYTY15, WJ09, ZYH12]. **product** [ER12, PLR+14, VFG11]. **production** [NTK08, PSL+16, RLS+09]. **productive** [GBFP09]. **Productivity** [MLS+12, YBC+07, TFG+12]. **products** [HAJL16]. **profile** [KWK05, MSG10, SL10, SKNH09]. **profile-based** [MSG10]. **Profiles** [MG09b]. **Profiling**

[CSPM13, BM07, BAVM11, TYTY15]. **Program** [JWY+05, BPdM06, CRV15, HM04, KL02, SLM04, SLM05, TRH+02, TBK+15, YYS15, ZJL15]. **program-to-program** [BPdM06]. **programmability** [DP14]. **programmable** [CSWB11, FRKS12, NNH+14]. **programme** [TWB13]. **programmed** [CZG16]. **Programming** [BH16, CLTT13, CGH+06, MCP+12, PA08, RWK+02, SRdS09, SF10, UR04, ALVY05, BB02, BAVM11, CLYC16, CNP+15, CLRB15, DK09, DWC+15, EBGS01, EB05, FJ05, FMS11, GA08, GvDHS12, HvNJB15, HR06, JZZL06, JLCA07, KOB01, KIM+03, KSG11, Kes04, KS05, LL05, LCFkL05, LWB13, MLS+12, MHH16, MKIO04, MTT15, MRH14, NO02, PRG15, PBF15, Pre01, RRR04, RGV09, SK04, SPBL06, TFG+12, TMAG03, WO14, YWC11, YB12, ZDB+14, ZDC+09, vNMW+05]. **programs** [ABF+10, ADK+16, ABS16, BHA15a, BB04, BV11, BK05, BL04, CL10, DAL15, EFG+03, EL01, EHSU07, FSPC+02, FLB+05, GRS06, GM04, HL13, ITK09, KO06, LL16c, LZC+02, LCC+03, MTVF14, NA15, PS07, RR15, RS07, SVS+08, SSZ14, TF03, VJHB05]. **Progress** [FS07, BKM+07a, BKM+07b, KKM+06]. **project** [GKM+08, WNN+15, ELM+16]. **projects** [KKM+06]. **promoting** [CNP+15]. **proof** [YL16, ZLH+15]. **propagation** [CWXW16, KB13, TLWZ14]. **properties** [ANH16, ABDO09, CSL12, HTHW16, IÁE11, KM13, MPHL03, ZQK15]. **proposal** [FMS11]. **proposed** [CG01]. **protect** [BGdCCA11, ZBP07]. **Protecting** [LWY15, WYBS16, YKD+15, SW11]. **protection** [ALZR11, CJZZ10, LWYM16, LLLyL16, RR01]. **protein** [BPL12, BDTdS13, MPR04, NCWD+04, SL14, SRL+14, TCP+05, TTD+05, YA04, SHH+14]. **proteins** [FMS15]. **proteomics** [CV07, KBH+15b]. **protocol** [AKG13, AD15, BF07, BDB+13, DXWC16, EN16, EA12, FIO15, GHMX13, IHB15, KABD07, MABP13, MRMC15, MMSN+01, NLYZ12, SWW+16, TZ16, TAI+11, XBXS13, XJZ13, YZW+15, YWM+10, YL16, ZZC15, Zhe16, ZBZH11, BOB13, DT15b]. **protocols** [Aia15, BBB+14, BHBD13, DVB14, DT15b, GD06, JLHH14, LWB13, NJ15, PGB03, SS15b, SC07b, XZJ11]. **prototype** [FGC06, JLHH14, ULS03]. **prototyping** [GBMM15]. **protozoan** [COdO+11]. **Provable** [ZNT+16]. **Provably** [LDZ+14a, FIO15, XWXC14]. **Provenance** [BML08, KDG+08, MWHW16, MLA+08, BD08, CFV+08, CBBCD08, FMS08, FM08, GH08, HSBMR08, LPA+08, MMW+12, MGM+08, SGSC08, SPG08, TC12, ZGST08, KSM+08b, SKS+08]. **provide** [BHA+15b, JMF09]. **providers** [EdPG+10, NB12]. **Providing** [GvHKK11, GMPT15, HSM14, PSM03, BHA+15b, JKV+15, SGD15]. **provision** [WSL15]. **provisioning** [EBMD13, HHKA14, KBB11, LDPZ14, SJB14, SD11a, ZFJ16]. **ProvManager** [MMW+12]. **proxy** [CLH+16, LFWS15, LHBW15, XWXC14]. **pruning** [GKS+07]. **pseudo** [RTPPH12]. **pseudo-random** [RTPPH12]. **pseudorandom** [PPMH15]. **pseudospectral** [DGJ11]. **PSkel** [PRG15]. **PSLS** [KM03]. **PU** [PLZ14].

Public [LZC14, BZD16, GWVP+14, LFWS15, LMOT10]. **Public-key** [LZC14, BZD16]. **public-resource** [LMOT10]. **Publication** [HLB10]. **publications** [GWD15, WDGK15, WDM14]. **publish** [BBPV05, MWPL15, TKK+11]. **publish/subscribe** [BBPV05, MWPL15, TKK+11]. **publishing** [HCG07, WYAB07]. **Purchase** [ZYZ16]. **Pure** [GVK12, VDPC03]. **pure-Java** [VDPC03]. **purpose** [ABDP15, ETR+13, LKPM09, PSRR14, RMP+13a, SNK+15, SW12, TXY+16]. **purpose-based** [SW12]. **puzzle** [CWC10, Ios11]. **PVFS** [KKL09]. **pyGlobus** [Jac02]. **PySy** [WO14]. **Python** [Jac02, WO14].

Qespera [MV16]. **QNX** [KF01]. **QoS** [BPB08, CL07, CLX+12, GYM14, GMPT15, HAAWA+16, LLX+15a, LDXC13, DMRS15, PRD+13, QLD+11, RC09, RCKV12, TZLC15, TKK+11, WRLS12, WSW+12, XWFH08, XZHW09, YBO10, YLR+13, YCWH07]. **QoS-aware** [YCWH07, BPB08, GYM14, LDXC13, QLD+11, WSW+12]. **QoS-based** [CL07, CLX+12]. **QR** [BLKD08]. **QSQL** [RCXS09]. **quadrature** [GSB+12]. **Quakesim** [PGP+10]. **qualitative** [LLRS03]. **Quality** [MCCG11, TALT16, AAHRW04, CM02, CRGR+12, HAvI13, KTM+09, LDPZ14, OORVB14, PSM03, PME+08, RBO+02, YJL12]. **quality-of-service** [CRGR+12, KTM+09]. **quality-of-service-based** [RBO+02]. **quantification** [BCF12]. **Quantitative** [BKZ+13, GYB+11, ACMM06, HCC+15, vAVS12]. **quantity** [CZ15a]. **Quantum** [HPHB+15, TZ16, NDT+16]. **quasi** [LOKW+10, NN07]. **quasi-immutable** [NN07]. **quasi-static** [LOKW+10]. **quasicyclic** [LDZ+15]. **quaternions** [CH04]. **queries** [BLA+14, DDM16, GBD16, LFZ07, ZYZ+12]. **Query** [SPG08, DDP+06, FBYO12, JQL+15, KLP+08, LWY15, LW13, MRS03, TMP16, XLYX11b, XZT+11, ZLLL11, RCXS09]. **querying** [GR13]. **question** [CZWH07, HHWZ08]. **questions** [GR13]. **queue** [ESGQ+11, MV16, PTL+16]. **queueing** [MLVBW12]. **queues** [WKL14]. **Queuing** [DZ13, YHH13]. **Quick** [RCXS09]. **quicksort** [MMO+16, MMO+16]. **quiescence** [MCG+08].

R [Ano06, PRCV16, PSM+11]. **R-based** [PRCV16]. **RACAM** [YYC10]. **race** [PS07]. **radial** [SPZ+10]. **radiation** [CSB+16, ZWW14]. **radio** [AD15, EA12, FXX16, JKZ03, LCMY13, NLYZ12, SHST13, TZYL13, XBXS13, YCZ+13, YZW+15, LSY+12]. **radio-frequency** [AD15, YZW+15]. **Radiotherapy** [CRC+15b]. **raising** [AMRT14]. **RAN** [SHST13]. **random** [AR16, ANPR16, DFC12, HMPPT13, HCKF15, Li04, LMO15, RTPPH12]. **random-walk-based** [Li04]. **Randomized** [AKMZ13, ABDO09]. **range** [GBD16, XZT+11, ZLLL11]. **ranked** [BV16]. **ranking** [Del08]. **Rapid** [WSRM12, GBMM15, NTK08, WWG+11]. **RAST** [WWG+11]. **rate** [DCJ14, DA15, GHMX13, MST13]. **rating** [SWZ12]. **ratio** [YZ10, ZYL10]. **rational** [WLWX14, WLWX16]. **rationality** [LC09]. **RAVE** [GAW09].

Ravenscar [KWK05]. **raw** [SdOVM16]. **RAxML** [SLM05]. **RAxML-II** [SLM05]. **Ray** [MGBC16, SBC15]. **Ray-tracing** [MGBC16]. **Rayleigh** [MS07]. **RBF** [SPZ+10]. **rCUDA** [RSC+15]. **RDF** [GKP+09, UMD+13]. **RDMA** [ETR+15]. **RDMA-enabled** [ETR+15]. **re** [ANH16, CLH+16, CZ15b, DBR13, LFWS15, XXX15]. **re-arrangement** [DBR13]. **re-encryption** [CLH+16, CZ15b, LFWS15, XXX15]. **re-identification** [ANH16]. **reachability** [CL10]. **reactive** [QLS13]. **readings** [CS13]. **Real** [AT01, EN09, HTW14, RK15, SSM04, Tur04, VK12, YJL12, ZTM12, BVGVEA11, BLA+14, Bri16, CSB+16, Cuz11, DvNM+11b, EPA15, EAGVBVDS11, EABVGV14, FBH+01, FRKS12, FLB+05, FAB+07, GGS+16, GKK09, GTL06, KOO12, KHM+11a, Kal11, KvGS+14, KBB11, KSR14, KWK05, LWB13, MGBC16, MSP+13, MFF04, Not16a, OSK+01, PSM03, PSW11, Puf13, PRU14, RS16, RF15, RHT13, SIOS02, SZR16, XLY+16, XXY+16, ZG04, NDP+05, SKD+04]. **Real-Time** [HTW14, Tur04, VK12, AT01, EN09, RK15, SSM04, YJL12, ZTM12, BVGVEA11, BLA+14, Bri16, Cuz11, EPA15, EAGVBVDS11, EABVGV14, FRKS12, FAB+07, GGS+16, KOO12, KHM+11a, Kal11, KvGS+14, KBB11, KSR14, KWK05, LWB13, MGBC16, MSP+13, MFF04, Not16a, OSK+01, PSM03, PSW11, Puf13, PRU14, RS16, RF15, RHT13, SZR16, XLY+16, ZG04, NDP+05, SKD+04]. **real-world** [DvNM+11b, FBH+01, SIOS02]. **realistic** [SAOKM04]. **realization** [TGB+10]. **Realizing** [FRKS12]. **realm** [XZJ11]. **reaming** [Bou13]. **Reasoning** [PMB15, BH09, LLH+09, NNK+07, NNvVdA09]. **receive** [Gog11]. **receiver** [AR16]. **recipe** [WLDL08]. **Recipes** [DH15]. **reckoning** [CH04]. **Reclaiming** [ABDR13]. **reclustering** [HM12]. **recognition** [GQR16]. **recommendation** [HCD+02, RLZ15, ZX09]. **recommendations** [PRS16]. **recommender** [FVRM15]. **reconfigurable** [CGB+06, KHZ+15, LGL16a]. **reconstructed** [ZHW+16]. **reconstruction** [FMS08, KSM15, MJL01, SBC15]. **record** [LH14]. **recordings** [CMT13]. **records** [DXWC16]. **recovery** [BDB+13, KCS07, MG09a, PGB03, YLLZ09, ZXW16a]. **Recurrence** [CM05]. **recurring** [SP16]. **recursive** [DIK14, DFLL14]. **Recursively** [YYCH10, YYC10]. **Recycling** [WGG+07]. **red** [HW14, KC13, BUVS10]. **red/black** [KC13]. **Redesigning** [BBD10]. **Redistribution** [DT01, CW11b, RCKV12]. **reduce** [AJY+15, CCC12a, DIK14, GGLD11, LLdA08]. **reduced** [GA09, LHC14]. **Reducing** [CMMB13, BBK11, ESGQ+11, NSSAK13, NSSAK16]. **reduction** [BCM15, BXLJ16, CBQ+11, LLX+15a, RMCA12, XZHW09, ZBZH11]. **reduction-based** [LLX+15a]. **reductions** [BTG06, GPZ04]. **redundancy** [FED03, SC07a, XLYX11a]. **Reed** [CSWB11, KCS07]. **Reengineering** [MMS07]. **Refactoring** [CM06, WZZL13]. **reference** [ABtGT+12, AP06, HWR03, vdABST10]. **referencing** [PAM+15]. **refinement** [HvNJB15, LB11]. **refining** [IS10]. **Reflections** [SvDO15]. **reflective** [CBP+04, HGB+08]. **regarding** [SWH08]. **region**

[ATI14, GR14, MZS+10]. **regional** [PNL10]. **Register** [WLL14, CCC12a, LHC14, LYL07, LLYL09]. **registry** [FMM08]. **regression** [PSRR14]. **regression-based** [PSRR14]. **regridding** [LB11]. **regulatory** [KHM+11b]. **reinforcement** [BHD13, CCCW13]. **reinsurance** [BRCV16]. **related** [LLL16, SdOVM16]. **relational** [SC07b]. **relations** [XLMH14]. **Relationship** [ZYL10, XZZ+16a]. **relationships** [AFGL09, HmLGP03]. **Relative** [SAC+07]. **Relativistic** [HW14]. **relay** [DZ13, SCLK15, TKHA13, WRLS12, ZPG10, ZJL13]. **relay-based** [ZJL13]. **release** [JW10]. **Reliability** [Dab09a, CAG+13, MST13, XSMZ16]. **reliable** [DA15, HKA+15, KKL06, PYKL16, VO15, YLY04]. **Remote** [HMFK15, NMMS01, ASWR12, AHM06, DXWC16, HWR03, MWL+13, MWL+15, PJW+14, PRS01, RSC+15, SHST13, TAB+06, WYAB07, YHJ+14, ZWL+13, ZYLT06, BVGVEAFG11]. **remote-sensing** [ZYLT06]. **remotely** [Pla08, SPMP11]. **removal** [RC09, ZWW14, ZZZ+15]. **removing** [LFG05, XLYX11a]. **rendering** [ASWR12, WJ09]. **Rendezvous** [Kri13]. **Rendezvous-based** [Kri13]. **reordering** [GKK09, SAB15]. **repackaged** [AMSS15]. **Repairing** [PWMX16]. **Reparallelization** [KBG+09]. **RePast** [MT08]. **replacement** [BBC16, DLT+16]. **replica** [WSW+12, YYC10]. **replicas** [BF07]. **replicated** [MKB01, TMS+12, ZH08]. **Replicating** [Kal11]. **replication** [ASS08, BPdM06, DFLNP07, ESZ09, GMS09, NCD+08, XPS+15, ZNT+16]. **reply** [OKW15, OK15]. **report** [WWG+11]. **Reporting** [LRS15]. **repositories** [BH09]. **repository** [BM10, FHO+15]. **representation** [mLGP03, LFH+08b]. **representations** [KSN16]. **representing** [BSZ09]. **reproducibility** [MWHW16]. **reprogramming** [XBW+15]. **Reputation** [AMRW06, CHZ10, MK15a, CZWH07, CLX+12, XLL+12, ZQLZ12]. **Reputation-based** [AMRW06, MK15a]. **reputations** [SZA08]. **request** [BMV03]. **Requests** [CKSC10, LL10, RSR06]. **require** [KO06]. **Requirements** [KBH+15b, Can06, FPC15, MG09b, Sod07, SE01]. **resampling** [ZF14]. **ResAna** [KvGS+14]. **rescheduling** [NB12]. **Research** [GZG+16, ACMA07, DM15, EMB11, Fer15, LZWD+15, LPW15, MKX+15, SBB+15, WNN+15, YTF+01, HGT14, SHG+07]. **researchers** [MTHK14]. **reservation** [DFPT06, VDB09, VO15]. **reservations** [ET09, RSR06]. **reservoir** [KCZ+05, LAC+08, MBP+05, PML+05]. **resident** [WCH+07]. **resilience** [XPWF15]. **Resilient** [BDL+15, EPA15]. **resistance** [FIO15, ZQLZ12]. **resolution** [BDY03, EN16, OLG+15, WYQ+13]. **resolutions** [JC07]. **resonance** [EMEY14, KSM15]. **Resource** [AC02, ACC+07, CEM+08, FBC10, LLF08, LQL+15, Men03, NNvVdA09, RSR06, SJB14, TAB+06, TCH+13, YLC11, BHD13, BKM+07b, BAC+15, BDP+14, BAGS02, BM02, CA06, CZ11, DFPT06, DS07, DvNM+11a, EdPG+10, ET09, EBMD13, FXX16, God12, GVK12, GMVRGS15, GS04a, GAW09, HSM14, HHKA14, KC15, KvGS+14, KSR14, vdKEL10, KTB04, LVN+12, Ley06, LC09, LLL15, LWB13, LAM+09, LMOT10, MLS+15, MRS+10, NB12, PYKL16, PPC+15, PGW06, PRP+15, QLC04, RCB+04, RBNG15, SLV12,

SPJ14, SGV12, SD11a, Soo16, TK10, VDB09, VGN+16, WZLQ16, WP12, WL11b, XLZD13, YPLJ11, ZJL13, ZM13, ZZY+15, ZFJ16, ZLA+15, dRC10]. **resource-aware** [GAW09, SGV12]. **resource-constrained** [ZLA+15]. **resource-efficient** [LLL15]. **Resources** [WD07, BDI+07, BFVRC15, CR12, CLH+08, FHO+15, GGFPGB14, GD06, GKP+09, HKG08, Jun16, KBT+14, KFS+06, LBV16, NCWD+04, SWH08, SWD+15, SO16, VAC+07, Wit10, XCL09, ZMZD11, ZBP07, ZDL07]. **response** [LWW06, MSST15, YZ10, ZYL10]. **RESTful** [ET15, CS15]. **restricted** [CLH+16]. **results** [BG04, BCM+05, CML+10, GRS06, LLRS03, SLM+10, VDL+15, YXLZ16]. **retargetable** [PBSB04]. **retinal** [ZBZ+15]. **Retraction** [Ano12]. **retransmission** [KCS07]. **retrieval** [CMT13, DXWC16, LS15, MLRR09, PPP10, TSBR10, UAW09, XGXH15]. **returns** [DFC12]. **reuse** [LVN+12, PHCR09, WGG+07, YXLZ16]. **revealed** [BDY03]. **revenue** [MRS+10]. **reverse** [ACC+12, ATI14, RGCC15, TQL+14, RC09]. **review** [ABS16, FVRM15, IHA+15, LGdVH13, MG09a]. **revisited** [BCK+09]. **Revisiting** [DVB14]. **Revocable** [MML16, FLL+14]. **Revocation** [WJH06, sTzNL16]. **RF** [BT04]. **RF-MVTC** [BT04]. **RFID** [FLL+14, YL16]. **Riccati** [MQOQOH01, PIAH12]. **Rice** [MCAB+02]. **rich** [LPW15]. **Rights** [HCBRM16, GLL16]. **rigorous** [RTPPH12]. **ring** [ZWW14, ZZZ+15]. **RIP** [KKK10]. **Risk** [FRU12, BT04, CLL14, DPGA11, WSRM12, DCK12]. **risk-aware** [DPGA11]. **risk-free** [BT04]. **Ritrovato** [Ano06]. **RMI** [WCCL05]. **RNA** [KHM+11b, LS05]. **RNN** [JQL+15]. **road** [KHHC13, XZT+11]. **Roadrunner** [WJLD09, GKS09]. **roadside** [YBZ+15]. **robin** [GDJ16, LJML10]. **robot** [BAD+11]. **robotic** [ZJS11]. **robotics** [CRGR+12]. **Robust** [CHM15, KBH15a, LPY+08, CCCC06, HZC+14, vdKEL10, LXP+12, NTK08, Sha15, SGV12, WRC09, XLL+12]. **robustness** [BCdlCT06, LNKZ08]. **Rocks** [PKB03]. **rogue** [AYSZ14]. **Role** [KM13, LLG+15, DCFC08, HTR10, HPS05, MLL+11, Mal05, SACJ04]. **role-based** [MLL+11, SACJ04]. **role-driven** [DCFC08]. **rollback** [MG09a, YLLZ09]. **rollback-recovery** [MG09a]. **rotating** [DdB01, MO02a]. **rough** [BXLJ16]. **Round** [LJML10, GDJ16, TQL+14]. **route** [KKK10]. **routines** [Cho01, LSK04]. **routing** [DT15b, DA15, FXX16, IHB15, JWZ13, KA16, KABD07, LWF+15, LLC+15a, RGCC15, WZS+15, YWM+10, ZJKL10]. **RPC** [BDG+10]. **RSEL** [FLL+14]. **RTSJ** [HTI05, KW11]. **rule** [LLH+09, LZZ+15]. **rule-sets** [LZZ+15]. **rules** [BTCB16]. **Run** [LH05, VHBB03, LCH+06]. **Run-time** [LH05, VHBB03, LCH+06]. **running** [CML+10, RMP+13a, SVN12]. **Runtime** [CEG+05, LSJ16, MST13, ADI+14, BKH08, CCCC06, DT15a, GFBR10, GA08, JK13, LLdA08, RMCA12, STL+15, TMAG03, WRC09, WMvP+09]. **Runtime-aware** [LSJ16]. **runtimes** [JFI+08]. **rupture** [LOKW+10]. **RW**

[BDH16]. **RW-safe** [BDH16]. **RWS** [LPA+08].

S [GKP+09, GKS09]. **SaaS** [FHH15]. **SaaS-based** [FHH15]. **SABR** [TZKH12]. **SaC** [SSB+14, ZLN+13]. **SaC-FRAPP** [ZLN+13]. **SaC/C** [SSB+14]. **Safe** [vRGNP09, BDH16, WL11b]. **Safety** [RS12, CG01, HL13, WK12]. **Safety-critical** [RS12]. **SAGA** [SKNH09]. **Sakai** [SHG+07]. **sampled** [PLR+14]. **sampling** [CSBL12, dOCPFJ13]. **SAMRAI** [HK02]. **sandwich** [FP09]. **Sandy** [VDL+15]. **SAP** [AK01]. **Sapphire** [HM03]. **satellite** [SMBT07]. **satisfaction** [JZL15]. **satisfaction-aware** [JZL15]. **satisfiability** [CW07]. **saving** [MFG+13]. **SCADA** [ALZR11]. **Scalability** [DGJ11, KRS11, LL01, AYN+14, BHD13, BCA+10, CCS14, GB07, HKB07, HKAC14, LKYS04, LSK04, RVRD10, RLRG15, SGCA+16, VRMB13, VDdN+07, YLY04]. **Scalable** [AD15, BMA03, GEJ+08, GM10, GKPT13, JQL+15, KKT13, LB11, MB14, SCRV11, UMD+13, BB02, BWD15, BKH08, BDF15, BKLH09, CTAB16, DLM13, HRR+11, Kar14b, KHM+11b, KMJ14, KSC12, LXRJ13, MWPL15, MTT15, MWW10, NMM+10, PSG03, PSLC11, QLL10, RTET15, SRF13, SGCG09, SD15, SS07, TMP16, TAI+11, WYZ12, ZLN+13, ZlC15, QH10]. **scalar** [CSTV06, FNBS16]. **Scalasca** [GWW+10]. **Scale** [PDD14, AHP+13, AML+15, BH09, BFL+10, BCM+07, BBB+14, CHM15, CBQ+11, CGN15, CPS+14, CDH+15, DVD+12, DLX+16, DZJ+15, DZM+15, EN16, EBGS01, ERZ+11, FAPC16, HFDJ10, HTR10, HWQ+16, HSHT14, JAA08, JCK+13, JPWH02, KBT+14, KCZ+05, LW05, LBV16, LXRJ13, LXW+16, MCY+10, MB14, MJD15, Not16a, PTL+16, PAM+15, QZYZ16, QLS13, RLRG15, SNH15, SK09, SLV12, SCBH09, SGCG09, TRH+02, WJ12, WZXZ12, WSWL12, XBXS13, YLEB14, YMLR16, ZYZ06, ZHGX16, dCRS11]. **SCALEA** [TF03]. **scales** [WQS+16]. **Scaling** [SPH13, HWZ+15, PDY14, RPK08, SLD+12]. **scatter** [MTK16]. **scattering** [GSB+12]. **scavenging** [KD10]. **SCC** [CLRB15]. **scenarios** [LSMVML15, VSR+09]. **schedule** [ABDR13, CNP+15]. **scheduled** [HLYD12, SAB15]. **scheduler** [BM08, KAM11, ME08, SO16, ZJL15]. **schedulers** [ADI+14, KKWZ15, LL16b, NvV09, RO12a, RO12b, ZF14]. **schedules** [KBE07, RRR15]. **Scheduling** [BKSM+15, DJM12, EJF+16, GRS06, IQOvdG13, KLDB10, LL10, SRdS09, SF10, AJY+15, ABC+08b, Ang08, ATNW11, BFM+06, BKND16, BAGS02, BM02, CCC12a, CLT+16, CPXA06, CL07, CCTW11, DSO+01, DKJ13, DRF07, ESZ09, EABVGV14, GDJ16, GSG06, GQ04, GMVRGS15, GA09, HZHP09, Hun15, IHA+15, JZL14, JZL15, KV12, KW11, KSPM12, KO06, KKV13, KR11, LF15, LHL10, LLKC08, LHC14, LWFL14, LGL16b, LHT+09, LCYJ08, LQL+09, LJML10, LQL+15, LYC16, LBY+16, LSJ16, MSP+13, MRS03, MK15b, NSBR07, NC05, ON02, PRT09, PRV11, PV15, QLS13, RHRB13, RF15, RCA+12, SRS16, SV09, Sod05, TKB09, TZYL13, TYTY15, TY15, TV14, VBW06, Viv03, WGZL06, WRC09, WL11a, WZZL13, WQS+16, YWC11, ZEB10, ZWL+15, ZL12, ZH15, ZXXN06, dAAVS12].

schema [CT11b, SE01]. **schema-mapping** [CT11b]. **scheme** [AR16, ALL+15, BC16, BOB13, BZD16, BBB16, CC13, CCW06, DBR13, DA15, FLL+14, ISO+14, KMA04, vdKEL10, LDZ+14a, LWYM16, LFWS15, LJML10, LZC14, TZYL13, sTzNL16, WYQ+13, WZC16, WZXZ12, XCL09, XHH12, XBZ10, XWXC14, XXX15, Yos06, ZEB10, ZGX11]. **Schemes** [WS09, CPXA06, ESGQ+11, zGWXT09, LX08, LLLyL16, ZDX12]. **Scholarship** [LVN+12]. **Scholes** [BHPS14]. **schooling** [LKPM09]. **schools** [GKM+08]. **Schur** [GKK09]. **Science** [BSC+15, CGK+07, DMM+07, GWD15, GBB+15, HF05, LZWD+15, MTA+07, Sod07, WAS07, WC08, WD07, Xu08, ZYH09, ACF+07, ACFT15, CBHTE11, CDH+15, DGA+10, FKP+02, GBMM15, HMFK15, HAvI13, JCK+13, KA11, LMH+14, LWL15, LFH+08b, LGD15, MCC+15, MCD+15, MWL+15, MTVF14, MKX+15, NAP+07, Nak02, OTG+07, PGP+10, PMG+15, RTPPH12, SvDO15, SRAG16, SLM+10, VSB+15, WHW10, WBB+07, WBD+03, YR15, YLEB14, ZSL+10, ZWF+06, ZYH12, vHKT+11, BD08, FGP+11, GTGT11, PME+08, RLS+09, SPR+07, SM11, SBP12, SGV12, VBW06, WHW10, WDGK15, YDB+13]. **Sciences** [Qiu11, QFG14, QFT14, ACC+15, GvHKK11, OGA+06, Sod07]. **Scientific** [Ber07, LAB+06, AFG+05, AKM+06, BML08, BYT+12, BSB+03, CSMB15, CGH+06, DRS+13, DHH+13, DCFC08, GHB+06, HZHP09, HCD+02, JPWH02, LSE+13, LMH+14, LL05, LPH09, LGL16b, LTKF11, LNCY11, LHLH16, LFH+08b, MMMP01, MOF15, MMW+12, MYDM06, MCD+15, MRJ+14, MM10, NAK+15, ODS+13, OCC+05, Par02, PFC+09, PGO+04, QLD+11, RSSM06, RCXS09, RC09, RRWS08, SM02, SAB15, SM09, SD11a, SKA+14, SGG07, TMF+10, TMP16, TCBR+10, TCBR11, TC12, WRC09, YK10, YYL+12, ZP06, ZWL+15, ZDL07, dOOO+12, vRKS03]. **SciScope** [BvIF10]. **scope** [BDB+13]. **scratch** [YWY+10]. **scratch-pad** [YWY+10]. **screening** [GCPS+14, JvAB+15, KBT+14]. **script** [MTT15]. **script-based** [MTT15]. **Scripting** [BYT+12, Nob08]. **SCRRM** [DA15]. **SCTP** [DLPV07]. **ScyFlow** [MYDM06]. **SDIVIP** [YNX+16]. **SDK** [CG01]. **search** [And13, BMS+09, BZD16, CMW02, CLH+16, DXG13, DAC12, DKMM14, FMS15, GS08, GKS+07, MPR04, PPST09, RIFR10, SRM13b, SER15, SPLO06, WJP14, WZ16, XLYX11b, XZT+11, YPLJ11, ZK08, ZBZH11, ZHZ+13, ZCS06]. **search-space** [GKS+07]. **searchable** [MML16]. **searches** [LLB04, RM03]. **searching** [SL14]. **SecNRCC** [XBW+15]. **Second** [Ang07, CL08, CR13]. **secondary** [LS05]. **secret** [TQL+14, XW13]. **Section** [ZQH12, RBP12]. **Secure** [ALZR11, FXX16, LMO15, QZDJ16, ZMZD11, ZZ14, ZZ15, AYSZ14, BOB13, BZD16, CLMM12, DK09, FLL+14, FIO15, HWQ+16, KD10, LLLJ14, LDZ+14a, LBY+16, MWJ+10, MG09b, SWW+16, WLW11, WLWX14, WLWX16, XCHK14, XWXC14, XBW+15, XXX15, YWM+10, YL16, ZNT+16, ZQD16, ZGX11]. **secured** [CK13]. **Securing** [LNG+16, VT15, XLWZ11]. **Security** [AKK+07, BM04, Boe12, KV12, Kin04, SK08, WZC16, XZ09, XAK16, XSMZ16, XBM14, YWT+12, Zha08, CGOF15, DXWD16, FPC15, IZXM09,

KKK10, KJŚ+15, LZC14, LLSL15, MCWL06, MKX+15, NLYZ12, OEP+15, PMB15, SW09, SWHL16, WAD12, XHZ12, XADLC15, YMLR16]. **Security-aware** [KV12]. **security-level** [KJŚ+15]. **SEED** [JZL14]. **segment** [FJZ+14]. **segment-based** [FJZ+14]. **segmentation** [ALVY05, BÇG14, EMEY14, WJ12, YHJ+14]. **Segregation** [Ang08]. **Seine** [ZP06]. **Seismic** [JW10, ACC+12, PWJ10, RSTV05]. **seismogenic** [MZS+10]. **Selected** [WC08, Xu08, PDD14, YWA07, WAS07]. **selecting** [EAGVBVDS11, PTL+16]. **Selection** [DLT+16, PB07b, PK08, BV16, BKND16, BFVRC15, CDA09, CWC10, GYM14, GLMT15, GMVRGS15, HAJL16, KOOB15, KTM+09, LFH08a, MABP13, MBC+14, MSM+14, NNvVdA09, YYC10, YLD13, ZK08, ZLY+13]. **selective** [Jon09, LZC14]. **Self** [HHKA14, MZ06, MO15, VD05, WLZ11, XWXC14, AM15, BFVRC15, Bri16, CSL12, DHV03, FMS11, HM16, KF15, KOO12, LAM+09, LJML10, NSBR07, PB12, RPK08, RVRD10, RS16, RIFR10, VH12, XDE+04, XJZ13, YDL09, YWC11, ZWMT12]. **Self-adaptive** [HHKA14, BFVRC15]. **self-building** [Bri16]. **self-caring** [KF15]. **Self-certified** [XWXC14]. **self-configurable** [YDL09]. **self-descripting** [Bri16]. **self-diagnosis** [XJZ13]. **Self-healing** [MO15, FMS11]. **Self-maintained** [MZ06]. **self-management** [AM15]. **self-managing** [VH12]. **self-optimization** [CSL12]. **self-organized** [KOO12, LAM+09]. **self-organizing** [HM16, PB12, RIFR10, XDE+04, ZWMT12]. **self-scaling** [RPK08]. **self-scheduling** [NSBR07, YWC11]. **Self-similar** [WLZ11, LJML10]. **self-similarity** [RVRD10]. **self-stabilization** [CSL12]. **self-stabilizing** [DHV03]. **self-x** [RS16]. **selfishness** [ZQLZ12]. **Semantic** [FHH15, FGP+11, HHWZ08, LFH+08b, WLDL08, XZZ16b, ZM13, AMRW06, BH09, CWMZ06, DHC11, DYW16, FTRA15, HmLGP03, IÁE11, LLWS09, LFZ07, LXL+09, MSST15, PZH+15, PCS+12, VvSI07, WZT11, WZ16, XLYX11a, XLMH14, ZWLY16, Zhu07, ZYL+08, ZZ11, ZX11, DHC13, GH08, WGP+15, ZGST08]. **semantic-aware** [DYW16]. **semantic-based** [MSST15]. **semantically** [CLZX10, FHO+15]. **Semantics** [FZ08, SD11b, ZL09, Zhu15, BGM03, CT16, EdPG+10, FMM08, FM08, KKL09, mLGP03, SRN+15, VSKK09]. **semantics-enabled** [FMM08]. **semaphores** [SSMB15, WKL14]. **semi** [BTCB16, DLJ15, DH13]. **semi-automated** [BTCB16]. **semi-supervised** [DLJ15, DH13]. **sender** [AR16]. **sensed** [Pla08, SPMP11]. **sensing** [CGOF15, GZG+16, LLC+15b, MWL+13, MWL+15, PJW+14, YHJ+14, ZWL+13, ZYLT06]. **sensitive** [DGW16, LWF+15, PGW06, ZBP07]. **sensitivity** [OORVB14]. **sensor** [AKMZ13, ANPR16, BBB16, BAT13, CQXW14, CSB+16, CS13, DLJ15, FH13, JBL15, JWZ13, LL13, LDPZ14, LMO15, MS07, MH07, MO15, OEP+15, PMB15, SGCG09, SC07a, WBZ10, WZS+15, XBW+15, XGXH15, YBO10, YKD+15, ZPG10, ZGX11, dCHMJ12]. **sensors** [DFH10, MH07]. **Seoul** [WKL+11]. **Sequence** [BS04, SHH+14, AMHC11, CPS+14, LLB04, LS15, SCRV11, SRF13]. **sequences** [BWD15, CL14, HSHT14, LS15]. **sequencing** [KMJ14, MSL+14].

sequential [MO02b, SK04, SLM05]. **serial** [LCH+06]. **serialization** [BP03]. **series** [LLX+15a, RTMZ13]. **Server**
[Lia16, ACG15, CKOG10, CWL03, DFLNP07, GGS+16, HKAC14, LBdM+16, LGD15, MVML11, PRS01, RGAK15, RO12b, dFMSPSW06]. **Server-side** [Lia16]. **servers** [AAI12, GMPT15, KSC12, RJ01, TK10, WLW11]. **Service** [ADD+05, CR13, KTM+09, LWL+06, MN10, ROA+07, RCXS09, RDP10, WBHW08, WL02, AaBT16, AP10, AAHRW04, AMRW06, ACFT15, ACS10, BV16, CYD+15, CLTT13, CK13, CW11b, CM06, CM07a, CLH+08, CM02, CRGR+12, CKBB14, DFLNP07, DPGA11, EdPG+10, ET09, EAGVBVDS11, EABVGV14, FMM08, FN13, FP02, GYM14, GLMT15, GCN09, GKP+09, HAE09, HFTQ13, KKTHL13, KM13, KJŚ+15, vdKEL10, LDPZ14, LLX+15a, LWY+16, LDXC13, LFH08a, LZC08, LW13, LLSL15, LFHT15, LLC+15b, MWPL15, MvNK+06, MSL+14, MCC+15, MZW+16, MK15a, MLVBW12, ORdSL13, ORDG15, PSM03, PPC+15, PPBB14, QEB+10, RBO+02, SBBE07, SFCAV16, SGD15, SPSNvS07, TTV08, TZLC15, VT15, VBW06, VGN+16, WZZL13, WSL15, WHW10, XDL+11, XWD+12, YSL+15, YLD13, YT15, YS07, YF13, YCWH07, YLJZ13, ZLY+13, ZDC15, ZM13, ZFT08, ZBZH11, ZHGX16, dRL10, CWZL13, DHC13, FTR15, MCCG11, TKB16]. **service-based** [CM06, EAGVBVDS11, GKP+09, SBBE07, SGD15, YT15]. **Service-oriented**
[ROA+07, RDP10, WBHW08, AAHRW04, ACS10, CLTT13, CLH+08, EABVGV14, HFTQ13, KJŚ+15, LFH08a, TTV08, WZZL13, YLJZ13, ZFT08]. **Services** [HF05, ACF+07, ABR+06, ACMM06, AAB+05, BCX15, BHA+15b, Can06, CV07, CPB07, CTY15, CR12, CT12, CSL08, CGH+06, Cuz11, DCY+08, FHH15, FMP10, FKP+02, FAB+07, HFDJ10, HM16, HCD+02, HLB10, Hus15, Jun16, KGGT12, KBB11, LM08, LWYM16, MG09b, NAP+07, PSLC11, PRD+13, PGP+10, PCS+12, RBP12, SDB02, SM04, SPJ14, SFH13, TSL15, WBC+02, WL02, WGG+07, XXX15, ZlC15, ZWF+06, AFPO08, CEH+06, GMS09, MSL+14, PWWR05, WGP+15]. **services-based** [HFDJ10]. **servicing** [OK15]. **servlet** [BPdM06]. **session** [JK10]. **sessions** [TAB+06, YLY04]. **set**
[BGM03, BXLJ16, BHBD13, FJP+05, Kuł14, LHC14, WCR+14, vRKS03]. **set-oriented** [BGM03]. **sets** [BZdR+10, LZZ+15, MKKB04, RKS02]. **setting** [MML16]. **settings** [WW08]. **several** [dCPD13]. **SGAM** [ZLH+15]. **SGAS** [GEJ+08]. **SGI** [LL01, LKJ03, LSK04, PIH04]. **shallow** [VLF+13]. **shallow-water** [VLF+13]. **ShanghaiGrid** [LWL+06]. **Shannon** [PSIP16]. **shaping** [MB15]. **shared**
[BOF15, BB02, BDV02, CBPP02, DIK14, Kes04, KC06, LHC14, MVWJ14, MLC04, PCVZ+04, PSLC11, RAFD14, XCL09, YNX+16, ZP06]. **shared-space** [ZP06]. **sharing**
[ADM06, BGdCCA11, GVK12, LLLJ14, LFWS15, LWB13, LLdA08, PRP+15, TYHL12, TWN07, Tru15, WLW11, WL11b, YCZ+13, ZZ15, dRC10]. **shell** [MO02a]. **shift** [ZJKL10]. **SHMEM** [LSK04]. **Short** [ZGRSC10, LS15]. **Short-time** [ZGRSC10]. **Shortest** [DT15b, GP07]. **should** [PRS01].

Shrinker [RMP13b]. **Shuffle** [CCO15a]. **Sichuan** [JW10, MZS+10]. **SICSA** [LS14]. **side** [FHH15, Lia16]. **sided** [DBB+16, LSK04]. **SIESTA** [SPH13]. **Sigiri** [WP12]. **signal** [KBH15a, LHC14]. **signals** [GQR16]. **signature** [DXWD16, zGWXT09, LDZ+14a, WXY10, ZSL+15]. **signatures** [AYSZ14]. **signcryption** [LZT12, LMKT13]. **significance** [AMHC11, HSHT14, OM06a, YZZ+10]. **signing** [GLL16]. **silicon** [BG14]. **SIM** [RMP+13a, FMT16]. **SIMD** [KL12b, LL16c]. **similar** [LJML10, WLZ11]. **Similarity** [DHH+13, DHC11, LXL+09, MMW16, MPR04, RVRD10, XLYX11a, ZZ14, ZHZ+13]. **Similarity-based** [DHH+13]. **Simple** [Cog04, HTHW16, Kuł14, ZYW+16]. **simplicity** [RIFR10]. **simplified** [LPG+14]. **simulated** [HXY+12, MK15b, WYZ12]. **Simulating** [CMD11, Eng15, Lyo02, The01, BDY02, EDBS08, SCV+08]. **Simulation** [Ano02, CDMS15, EN09, KSM+08a, MZS+10, Tur04, vLRF+02, ATVLM14, AML+15, AAV+15, BM02, CCO15a, CGN15, CSB+16, CRV15, DBGA16, DVB14, DMR+07, FAPC16, FMT16, FBS16, FRU12, zGWXT09, HMPPT13, HLCW15, ISS+02, IBvA+02, JK06, KKS12, KCZ+05, LKPM09, LCT16, MGBC16, MHRI14, MT09, Not16a, Ogi02, PIGK16, RHBK11, Sch02, SFH13, SFT15, TRH+02, VDPC03, VLF+13, WJLD09, XLY+16, YPLJ11, ZDB+14, ZFT08, SFN12]. **simulation-based** [DBGA16]. **simulations** [AHP+13, ABC+15, AMSR14, BCA+10, BFM+10, BDW14, BDY03, DVD+12, DGJ11, DBR13, FBV+13, GKS09, GBG+14, HTR10, KF11, LW05, LXW+16, LTM+14, MCY+10, MFF04, MT08, MWLS11, Nak02, OKP16, PML+05, RTPPH12, RCA+11, RDP10, SNK+15, SWB12, SHP14, TGB+10, WDG+14, YDB+13, ZKJ+07, ZCD+12]. **simulator** [AFG16, DGR+07, EN16, GMVRGS15, LLRS03, RMP+13a, KHW05]. **simultaneous** [CCC12a, PHCR09, SRF13, SLGL16]. **single** [GP07, JKZ03, KM03, MCP+12, MA15, MWLS11, OTG+07, SHST13]. **single-chip** [MCP+12]. **single-hop** [JKZ03, MA15]. **single-level** [KM03]. **single-phase** [MWLS11]. **single-source** [GP07]. **single-user** [SHST13]. **singular** [ZLT+16]. **sink** [WZS+15]. **sink-based** [WZS+15]. **SipaaS** [TKB16]. **site** [YLC11]. **situ** [LSE+13]. **situated** [CGN15]. **sized** [FHO+15]. **skeletal** [GGV14]. **skeleton** [KS05]. **skew** [DCJ14, WBO16]. **skyline** [DDM16]. **SLA** [ACG15, CVK15, DRF07, EdPG+10, EBMD13]. **SLA-based** [DRF07]. **SLA-driven** [EdPG+10]. **SLAs** [RCKV12]. **slicing** [GM04]. **slip** [OKM10]. **SLN** [ZX11]. **slot** [VO15]. **small** [Del08, IQOvdG13, SZR16]. **small-footprint** [SZR16]. **small-world** [Del08]. **smart** [BC16, CL16, DZC16, MAS+14, ORdSL13, RLC16, XZJ11]. **SmartGridRPC** [BDG+10]. **Smith** [RGB+15, ZDX12]. **smoothing** [TZLC15]. **SMP** [HR06, KNT+01, NO02, ON01, ON02, TMAG03, YWC11]. **SMPs** [BB04, LPC+14, SSB+14]. **SMPSs** [BHL+09]. **Snapshot** [CS09]. **snapshots** [GCO+14]. **snippets** [XLYX11a]. **Social** [LLC+15b, QZH16, WLWX14, GZG+16, God12, Jun16, LJPP16, PWC+14, PCD15, PGW+08, PRP+15, QMK12, VRDTB+16, WHXzL15, XZH+16, ZACG16, ZHGX16, WLWX16]. **social-based** [PCD15, PGW+08]. **society**

[XXY+16]. **Socio** [SZ11, ZX11]. **Socket** [KW01]. **Sockets** [KKJH03]. **SOF** [DH13]. **soft** [BDW14, PSM03, TTPJ16, GCWE15]. **Software** [DHM14, HY12, ACS10, BDH15, CBPP02, CJZ+15, CJ12, CLRB15, DVL13, GGHR16, HPVRPF14, HCD+02, JK10, KTR11, KFS+06, LLC+15a, LKKL16, MST+05, MJ11, MK12, MD02, MM10, MGR02, NTK08, PRS16, QH10, RBO+02, SKK01, SPLO06, SRTG+07, WMvP+09, XWFH08, vLRF+02, Par02]. **Software-based** [DHM14]. **software-intensive** [GGHR16]. **solar** [ADSV16, JZL14, MAVG16]. **Solaris** [YL01]. **Solomon** [CSWB11, KCS07]. **solution** [BJ01, Bok12, BLDW16, CSTV06, CS16, DPS07, HSHT14, HC07, JN03, JL10, LZZ+15, NDT+16, SGD15, SPJ14, YHK09]. **solution-based** [BLDW16]. **Solutions** [ZQH12, BDH15, CG01, ZKA07]. **solver** [BHPS14, DVD+12, DdB01, FYKW15, GPS+07, GB07, HKB07, LXRJ13, MJD15, PS10, SSK11]. **solvers** [AAC+15, BdL06, MQOQOH01, MB14, NO02, Nak02, RHBK11, SK09]. **Solving** [ABV05, vSB06, CW07, JPWH02, KD07, LAC+08, LWK15, LZZ+15, PIAH12, RLVRGÁ14, SDB02, SD15, WLLL16, ZLT+16]. **Some** [ZQK15, CG01]. **SonicMQ** [MP05]. **SOR** [KC13]. **sort** [KVGH11, PSHL11, HTBR12, HTBR16]. **sorting** [LBH07, PSHL11, SJVR15]. **sound** [CMT13, PPMH15]. **source** [BDP+14, GP07, JBL15, Nob08, PPC+15, TTL06, YWA07, YKD+15, CGK+07, MM10]. **source-based** [JBL15]. **source-location** [YKD+15]. **sources** [GD07, ZSL+15]. **southwest** [JW10, ZZYW10]. **Space** [GFL04, MJL01, ADK+16, CZ11, GKS+07, GCWE15, HKS+12, JCVU15, KA09, KAP13, LCT16, LLF08, LWLZ11, LBH07, MB15, PL15, WBD+03, XXY+16, ZP06, ZDB+14, ZM13, ZJS11]. **space-filling** [LBH07]. **Space-time** [GFL04, MJL01]. **spaces** [FGP+11]. **spacial** [DZC16]. **Spallation** [CGK+07]. **Spam** [IZXM09]. **spanning** [DLM13, NJ15]. **Spar** [vRKS03]. **Spark** [DLT+16]. **Sparse** [ALKD16, BdL06, BHPS14, CNP+15, ER12, FJZ+14, GW15, JSS07, MNL15, NA15, OAS+15, PHCR09, PLR+14, SAD13, SLB08, TDM+15, VFG11, WZ04, YZR14, ZDG+14]. **spatial** [CLW+15, HLL+15, Jun16, KHHC13, WCA08]. **SPD** [YT15]. **Spearman** [XYER16]. **SPEC** [GPW05, MvWL+10]. **Special** [AHP+13, Ang07, Ano02, AM07, BA04, BHD13, BM04, Ber07, BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, CWZL13, CCCW13, CČJ+16, dOCPFJ13, CLTT13, CR08, CL08, CC09, CW11a, CR13, CL13, CKRO13, CAG+13, CS09, CS06, CMT13, CM07b, CS13, DRZ13, DRS+13, DVL13, DLM13, DH13, DKJ16, EL01, EBMD13, ETR+13, Fed13, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, GG07, GM10, GTGT11, GvHKK11, GMF01, GHPR05, HL13, HQoS11, HF05, HdV13, HMPPT13, HFTQ13, Hus15, JJGL13, JX06, KS02, KM13, KR06, Kni06, KB12, Lee09, LBW14, LBS15, LBT16, LXRJ13, LMKT13, LV12, LDXC13, LW13, MWL+13, MS13, Man08, MSP+13, Mar05, MFG+13, MISV13, MLY10, MN10, MLA+08, Nar05, Nel05, NSSAK13, ODS+13, OEP+15, OM06b, PLY13, Par02, PRD+13, PHGK10, PW05]. **Special**

[Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, QLL10, QLS13, RMP+13a, RHRB13, RK01, RBP12, RTMZ13, Run10, SN06, SCNH07, SANB08, SRdS09, SF10, SRF13, SD11b, TM01, Tho07, TP14, TH10, TWB13, TFDA07, Tur04, Ur07, VCW13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wis02, XZ09, XLWZ11, XBXS13, XW13, Xu08, XJZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, ZLN+13, Zha08, ZYH09, ZQH12, ZYH12, ZHZ+13, ZL09, vdS06b, AF14, GWD15, LL13, PDD14, RHT13, WDGK15, XXY+16, BM12, DDE+12, HTBR12, HTW14, SHT11, SFN12, VK12, WDM14].
specialization [DAB09b]. **specialized** [MPR04]. **Species** [CCC+16].
specific [MHH16, RO12a, RO12b, ZS01, ZYZ16]. **Specification**
[BPB08, GF07, AAW+02, BVGVEA11, BCC+05, CWZL13, Cog03, HM04, MYDM06, MPHL03, PS05, YGL05, YP10]. **specifications** [AAP13].
Specifying [HL13, MLL+11, VH12]. **Specmaster** [WJP14]. **Spectral**
[HCKF15, AT01, CSBL12, HKB07, PPP10]. **spectrometry** [WJP14].
spectrum [LCMY13, TYHL12, WRDZ13, YCZ+13]. **speculation** [PSJM13].
speculative [PSJM13]. **speed** [DPK10, DA15, MB16, ZKJ+07]. **Speeding**
[LTM+14, MT09, PIAH12]. **speedup** [GR14, TWB13, TWB13].
Speedup-Test [TWB13]. **sphere** [JKV+15]. **spherical** [SEF+14]. **SPICE**
[LWY+16]. **SPiDER** [FSPC+02]. **spilling** [WLL14]. **SPMD**
[AAW+02, LG08, RRR04]. **SpMV** [GW15]. **spot** [VKM+09, TKB16].
spread [RCA+11]. **Spreading** [TLWZ14]. **spreadsheets** [WOH+13].
SPRINT [MSM+14, PSM+11]. **SQORE** [UAW09]. **squares** [ABV05]. **SR**
[SCLK15]. **SSE** [AB01, VŠ11]. **SSR** [DEF08]. **stability** [DA15].
stability-aware [DA15]. **stabilization** [CSL12, CHM15]. **Stabilizing**
[BCM+07, DHV03, KA16]. **stable** [LM08]. **STAC** [FNBS16]. **STAC-A2**
[FNBS16]. **stack** [Gog11, GE06]. **stale** [BL04]. **stale-value** [BL04].
Stampede [KKW+14]. **Standard** [SKD+04, BDB+13, LZT12, ZSL+15].
standardizing [SKNH09]. **Standards** [GBG+14, ET09, JKZ03, MRJ+14].
Standards-based [GBG+14, ET09, MRJ+14]. **STAPL** [TTD+05]. **star**
[KA16, ZQK15]. **StarPU** [ATNW11]. **start** [WSWL12, RM03]. **starvation**
[WS09]. **State**
[MRS08, BKZ+13, DHC13, IHB15, KA09, LWG+15, MG09a, YP10]. **state-**
[YP10]. **state-of-the-art** [BKZ+13]. **state-space** [KA09]. **stateful** [MLG15].
states [CY07, TBK+15]. **static**
[Ano06, BFR05, CA06, GM04, KMA04, LOKW+10, SKK02]. **statically**
[STWSP12]. **statistical** [AMHC11, HSHT14, TWB13, WRLS12].
statistically [DZ13, PPMH15]. **statistics** [EJD15, TZYL13, WCA08].
status [Dik07]. **STBC** [LLQL14]. **stealing**
[ADK+16, CZG16, GLM+16, VB16]. **Stealthy** [WOH+13]. **Steering**
[WW08, CKC09, MMMP01, MP03]. **Steiner** [LWK15]. **stencil**
[GBFP09, PRG15, SRM+15]. **stencils** [TPGC15]. **step**
[CLS14, Hun15, IS10, MZK16]. **Stepwise** [HvNJB15]. **Stepwise-refinement**
[HvNJB15]. **StgDomain** [QH10]. **STILL** [AJM12]. **Stochastic**
[FMP10, CMD11, DPS07, DLZ16, EB10, JLH+16, LLRS03, LS05, MKSS16,

RTPPH12, SHP14, WLL03b, XWFH08, XWD+12]. **stock** [DFC12]. **Stokes** [FBV+13, DdB01, GSV03, HKB07]. **Stone** [RSM01]. **stopping** [HM03]. **storage** [AV07, AAE+09, BGGL07, BD08, BRWB06, CLH+16, CCW+15, CSWB11, DXZ+16, ERZ+11, GCWE15, HMFK15, HGT14, HP11, HYX05, HKG08, HG11, HHPL16, JL10, LZW+16, MLG15, PWMX16, SFCAV16, SWW+16, SCLK15, XGXH15, YDL09, YYL+12, ZNT+16, ZFJ16]. **store** [KM03]. **stores** [ZHZ+13]. **Storm** [BUVS10]. **Straight** [NA15]. **Straight-line** [NA15]. **Strassen** [DS04]. **Strategies** [OGA+01, SRdS09, SF10, AZF+12, BGGS14, BGV+01, BD04, BDV02, CWC10, CHZ10, CHZ12, DT01, Fer13, GS08, GRGP12, GMPT15, LHL10, LFHT15, LCMY13, MBP16, MCAB+02, SM11, YOBS16]. **strategy** [BGdCCA11, CMW02, DXG13, DRS+13, DS07, GDJ16, HBKM06, JML+16, JK13, LLC+15a, LCYJ08, LNCY11, PMAL14, RM03, SV09, SBDP15, TYHL12, WDG+14, YCL11, YLC11, YYL+12, ZLZ15, ZLH+15, dOOO+12]. **strategy-proof** [ZLH+15]. **Stream** [RS11, LSJ16, QXXZ16, RHD+16]. **streaming** [ABR+06, CA06, DJM12, FAB+07, IHB15, JK10, MABP13, MBP16, TCBR11]. **streams** [DZM+15, EPA15, HMPPT13, PF12]. **strength** [JSPE15]. **Strong** [Pun01, MZS+10, MRS08, AYSZ14]. **strongly** [Rav16, RSM01]. **Structural** [SVS+08, SSZ14, MRY+16, MJD15, XLZD13]. **structural-connected** [MRY+16]. **structure** [BPL12, BDTdS13, DPS16, DGL+12, GLM+16, HC07, LS05, MWL+13, MJL01, MB14, QLLS15, RGL+15, TKHA13, ZMJZ10]. **Structured** [CMB06, CZ11, GVC10, LB11]. **structures** [GS04b, MISV13, SL14, SER15, vRS05]. **studies** [ABB+15, EMB11, KCZ+05, LOKW+10]. **Study** [TCP+05, XZZ+16a, ZSL+10, ZZYW10, BdL06, BY12, Bok12, CHZ10, DT01, EGGA+04, EMS11, EDB+14, GSB+12, GKSR14, GFG+09, HKS+12, HPVRPF14, JJGL13, KF15, KOK14, LBTE14, LLN+14, LFX+08, MCP+12, NR08, NJ15, PRC+14, PSHL11, PBF15, RTMZ13, RGL+15, RMCHMG15, SBC15, SCBH09, SvDO15, SE01, WWL+15, WTN07, vRS05]. **Studying** [NCWD+04]. **style** [PW12]. **sub** [FTR15]. **sub-ontologies** [FTR15]. **subcircuit** [HLO+16]. **subdominant** [RR11]. **submission** [BWW+08, MHRI14]. **submissions** [BAC+15]. **subproblem** [MB16]. **subroutines** [Cog04]. **subscriber** [TKK+11]. **subscriber-defined** [TKK+11]. **subset** [Bok12, CS16, WLLL15, WLLL16]. **subset-sum** [Bok12, CS16, WLLL15, WLLL16]. **substitute** [PPMH15]. **substrate** [BCD+02]. **subsumes** [BBC16]. **subsystem** [MO02a]. **subtypes** [HL13]. **suffix** [WBO16]. **suggestion** [XLYX11b]. **suite** [DS02, GMT07, GPW03, MM10, MvWL+10]. **suites** [GPW05]. **sum** [Bok12, CS16, WLLL15, WLLL16]. **Super** [EEK+04]. **supercomputer** [EDB+14, FGC06, GKS09, LXW+16, MV16, PIH04, SNEP14]. **supercomputers** [LZW+16, PSL+16, RGL+15]. **supercomputing** [HCC+15]. **superlinear** [GR14]. **Supernodal** [ZDG+14]. **supervised** [DLJ15, DH13]. **supply** [DSO+01, HAJL16, HLL+15]. **supplying**

[MABP13, MBP16]. **Support**
[WCCL05, AHB+10, ACMA07, BBCG02, BP03, CC10, CRC15a, CRC+15b, CWL03, CCC12b, CGK+07, DIK14, DVL13, DHH+13, FP02, God12, GMS09, HGB+08, JMF09, KSPM12, mLGP03, LFZ07, MCG+08, NAP+07, NDP+05, OSK+01, PCD15, RMCA12, RCXS09, SKK01, SO16, SE01, VRDTB+16, WJ12, WZJD13, WBB+07, YWA07]. **Supported**
[SNM15, XZ09, DGL+12, RCM12]. **Supporting**
[ABB+15, CGOF15, DFPT06, GDD+04, GBD16, LK03, LCT16, LWB13, MMG03, SGG07, Cuz11, ET09, GKPT13, HAA+07, JK10, KA11, PLY13, WLDL08, ZHZ+13, CWZL13]. **supports** [KL12b, LYL07]. **SURF**
[HPVRPF14]. **surface** [DCD+14]. **surfaces** [DG11]. **surplus** [RCKV12]. **survey** [BHKW12, DSMM+15, DDF+15, GTA10, LAL02, LCH+06, MG09a, MK15a, MJ11, RRBB11, RLZ15, Sod05, WGP+15]. **survivability**
[ET15, MAS+14]. **sustainability** [SvDO15]. **SW** [PL15]. **swap** [DHM14]. **swarm** [dCPD13, RK15, XDE+04, ZHT08, ZT09]. **SWARP** [PBSB04]. **Sweep** [YBC+07, AAE+09, ISO+14, RMCN+07, YK10]. **SweGrid**
[GEJ+08]. **SWIMM** [RGB+15]. **SwinDeW** [LCYJ08]. **SwinDeW-G**
[LCYJ08]. **swirling** [SPZ+10]. **Swiss** [KBH+15b]. **switch** [LXP+12]. **switched** [CHM15, CKRO13, MOK04]. **switched/optical** [CKRO13]. **switching** [MVWJ14]. **SX** [OCC+05]. **SX-6** [OCC+05]. **symbolic**
[FSPC+02]. **symmetric** [AYN+14, BIK+11, OAS+15, YDS+14]. **symmetrical** [ZJL15]. **Symposium** [Run10]. **SymS** [ZJL15]. **SYNASC**
[FB16]. **synchronisation** [WBM+10]. **synchronization**
[BHH09, DVB14, DKJ13, JK13, MS05, NN07, PCT04, RCA+12]. **synchronize** [FJ05]. **Synchronous**
[GDD+04, Kes04, PSRR14, dRRdCRR16, YB12]. **synchrotron** [ZWW14]. **synergistic** [ESZ09]. **System** [AS15, AFR09, GEJ+08, PXY+07, XZ09, Zho06, ZBC+07, ACJ10, AAC+15, Ang08, ASG+08, BHJ+16, BFM+06, BRWB06, BAS07, BAT13, Cha03, CZWH07, CJZ+15, CLS14, CLRB15, CLX+12, DL10, DZM+15, EEK+04, FPC15, FWU+04, GHB+06, HDDG09, HXY+12, HK01, HJM+11, HYX05, HKG08, HG11, HY12, HON04, ISS+02, IT03, IBvA+02, JOC+15, JDB16, JLHH14, JK10, Kar16, KL02, KM03, KDG+08, KCKC15, KAP13, KSM15, KKL09, KCZ+05, LLRS03, LM08, LLWS09, LWC12, LLL15, LAB+06, MSST15, MMW+12, MHRI14, NNvVdA09, NSSAK13, NSSAK16, PB12, Pac16, PSG03, PBD+15, PPP10, PGO+04, PGW+08, RGAK15, RW10, RSTV07, RSTV05, SACJ04, SNB+01, STL+15, SZR16, TYHL12, TTL06, TKA+02, TMS+12, TMAG03, VGL06, WKT08, WLDL08, WXY10, WLL03a, XHZ12, XBB13, XTLG08, XLL+12, YL01, ZH08, ZEB10, ZL12, ZHGX16, ACD02, PA08, WKL14]. **System-**
[AS15]. **system-aware** [BFM+06]. **system-level** [KAP13]. **Systematic**
[FG16, ABS16, FVRM15]. **systemic** [BGV+01]. **Systems**
[FG06, Fox10, HTW14, Man08, MN10, OM06b, PDD14, RK01, SNM15, Ur07, XLWZ11, Zha08, AFGL09, AM15, ALZR11, AML+15, AGMR05, AC06, Ano06, APHB16, BBPV05, BFR05, BGdCCA11, BB02, BCM+07, BKH08,

BKND16, BDV02, Bri16, BDP+14, BLSP11, CCCW13, CKOG10, CGIP16, CLTT13, CLYC16, CBPP02, CY07, CWC10, CHM15, CLT+16, CCW+15, CM06, CPXA06, CSTV06, CGN15, CN16, CCT15, Dab09a, DBGA16, DMR+07, DFPT06, DLH01, DZW+11, DKJ13, DKJ16, DvNM+11b, DL07, DXZ+16, EGGA+04, EBGS01, EB05, EJF+16, Fec12, FG16, FAPC16, FVRM15, FD01, FMT16, FN13, FBV+13, FJG+13, FM08, GGHR16, GTFA13, GSB+12, God12, GPVCdBRO12, GCL08, HKVW16, HmLGP03, HTR10, HPD+15, HCK+08, IOOH12, JAA08, JL10, JSS07, Jon09, KNT+01, KSN16, KAL07, KF01, KL02, KSG11, KHW05, KR15, KRS11]. **systems** [KHZ+15, KD07, LBTE14, LLKC08, LX08, LZW13, LDPZ14, LZW+16, Lia16, LNKZ08, LZC09, LNCY11, LTM+14, LBDS15, LRS15, LCH+06, LLQL14, LDS+08, MWPL15, MBP16, MGBC16, MG09a, MSP+13, MJ11, Men03, MME13, MWW10, MvWL+10, MV16, NLYZ12, NR08, OM06a, PVR+09, PWMX16, PC14, PRG15, PT12, PQP13, QB12, RE03, RS16, RMCA12, RHT13, RCA+12, RHBK11, RCT03, SRS16, SJB14, SK09, SAD13, SLV12, SLD+12, SBC15, SARL13, SFH13, SFT15, SW09, SO16, SD15, SSMB15, STWSP12, SS07, TYL+15, TKK+11, TWN07, TW07, VDPC03, VH12, WS09, WAD12, WCC04, WTN07, XPS+15, XWFH08, XCHY13, XPWF15, XBXS13, XBM14, XLL+15, XLY+16, YTF+01, YWY+10, YCL11, YGG14, YZW+15, YHH13, YZR14, YYL+12, ZQZ+16, ZDC+09, ZFJ16, ZJL15, Boe12, CR08, Pie08, VK12].

T3E [LSK04, PSG03]. **T3E-600** [LSK04]. **table** [GCWE15, MA15, WTN07]. **tables** [CCG+08]. **Tabu** [YPLJ11]. **Tackling** [SKS+08]. **tag** [God12, XBXS13]. **tag-based** [God12]. **tags** [YL16]. **tail** [QZYZ16]. **Tailor** [STWSP12]. **Tailor-made** [STWSP12]. **Tailoring** [CKRO13]. **tails** [RVRD10]. **tandem** [WJP14]. **target** [Boe12, ZHT08]. **Targeting** [DAC12, MST13]. **Task** [ABC+16, MSG10, AHM06, ATNW11, CLT+16, CGS15, COdO+11, GDJ16, Hun15, KO06, KZY15, KR04, LDPZ14, LQL+15, MSP+13, MB14, PBF15, PV15, RR15, SAB15, SPJ14, STL+15, TYTY15, TFG+12, TJF14, Yos06, dSGD14, HR06]. **Task-based** [ABC+16, MB14, STL+15, TFG+12]. **task-centric** [PBF15]. **task-parallel** [CGS15]. **TaskLocalRandom** [PPMH15]. **tasks** [AJY+15, BM08, BKSM+15, KR11, NPTT06, PB12, PPMH15, PRV11, RF15, SRS16, Sha15, NB12]. **TASUS** [CČJ+16]. **Tat** [LPY+08]. **TAU** [SM03]. **Taverna** [CMD11, OGA+06, TMF+10, ZGST08]. **taxonomy** [CY08, NNvVdA09, RRBB11]. **TCP** [KW01]. **TCP-Socket** [KW01]. **Teams** [HR06]. **technique** [Cog04, EPB14, EMEY14, JLT06, KC15, MNL15, PYKL16, RS07, WO02, ZO14]. **Techniques** [NNON02, SRdS09, BLSP11, CP14, EL01, HPS05, KBG+09, LLdA08, MAVG16, MBC+14, MJ11, MFG+13, PKB03, PGP+10, RLZ15, RCM12, WJH06, WMvP+09]. **Technologies** [Ang07, CS06, HTW14, Nar05, SNM15, VK12, BSC+15, CY15, DR15, DKJ16, LLL16, PPST09, RBP12, RHT13, RS13, SRM13a, SFH13, Sod07, VRSJ15, VSB+15, XADLC15]. **Technology**

[Ber07, ZYH09, BG04, DCY+08, EDB+14, HM16, Kin04, LWL15, MCY+07, MST+05, ZDC+09, ZYH12]. **tectonic** [LOKW+10]. **telecommunication** [AKW04]. **telecoms** [NTK08]. **telehealth** [PBD+15]. **telerehabilitation** [PBD+15]. **temperature** [CCC12a]. **templates** [KCB09, LH14, MWL+13]. **temporal** [CL01, CY07, DLH01, DZC16, LNCY11, MS05]. **tenancy** [TSL15]. **tenant** [VGN+16]. **TENT** [Sch02]. **TeraGrid** [CGK+07, BDI+07, CM07a, CGK+07, WCA08]. **terascale** [KHW05]. **term** [PLZ14, QZYZ16]. **terrain** [Str11]. **test** [BLA+14, GMT07, SSZ14, TWB13]. **Testing** [Ur07, ABS16, CL10, CTY15, CLL14, DLH01, EFG+03, EHSU07, PSM+11, SVS+08, SSZ14, VGL16, YSL+15]. **text** [CZ15a, HZL+16, PLZ14, THM+11]. **textual** [LHXY08, LFX+08]. **texture** [WCH+07]. **Tflop** [GKS09]. **Tflop/s** [GKS09]. **TFLOPS** [SLM+10]. **theft** [VRDTB+16]. **their** [BDV02, FLYL16, SSB+14, ZlC15]. **theoretic** [BXLJ16, CG10]. **theory** [BCCM16, BEQOR13, CHPvdG07, CQXW14, CLW+15, FXX16, Fox12, Hun15, KKW+14, NNvVdA09, RKS02, SLT+06, WWS+12]. **therapy** [PBD+15]. **Thermal** [CC15, MO02a, ACIC+13]. **Thermal-aware** [CC15, ACIC+13]. **thermal-hydraulic** [MO02a]. **thin** [MBP16, PIH04]. **Things** [IAH+15, DZW+11, AD15, MK15b, MB15, SS15b, SRN+15, ZlC15, ZZY+15]. **thinking** [LMH+14]. **thinning** [JdM12]. **Third** [Mar05]. **thousand** [RMP+13a]. **thousand-core** [RMP+13a]. **thread** [BDH15, CMMB13, CDN15, RAFD14, RO12a, RO12b, TPGC15]. **thread-aware** [RAFD14]. **thread-block** [TPGC15]. **threaded** [BIK+11, EFG+03, EHSU07, TMAG03, ZJL15]. **threading** [QB12, YA04, Tan12]. **threads** [Bou06, FBV+13, PSM03]. **ThreadScope** [WT10]. **Three** [JdM12, Ogi02, Boe12, CLS14, JN03, LDZ14b, MABP13]. **Three-dimensional** [JdM12, Ogi02, JN03, MABP13]. **three-point** [LDZ14b]. **Threshold** [KR15, ZCC+06, AR16, zGWXT09, KW11]. **Threshold-based** [KR15, ZCC+06]. **throughput** [EDB+14, EB14, FMT16, JOC+15, Kri05, LCYJ08, MS07, SKA+14, SVN12]. **Tianhe** [LXW+16]. **Tianhe-2** [LXW+16]. **TIB** [MP05]. **TIB/RV** [MP05]. **tier** [HLHC12]. **tiered** [PRS16]. **tightly** [SV09]. **tile** [DFLL14, HLYD12]. **tiled** [BLKD08]. **tiling** [GKS+07, GFL04, GBFP09, KKGO04]. **Time** [HTW14, Tur04, VK12, ACC+12, AT01, BVGVEA11, BLA+14, Bri16, CDMS15, CY07, CN16, Cuz11, DVB14, DLH01, EN09, EPA15, EAGVBVDS11, EABVGV14, FRKS12, FLB+05, FAB+07, FOTW04, GGS+16, GFL04, HZHP09, HPS12, KOO12, KHM+11a, Kal11, KD15, KvGS+14, KBB11, KZY15, KSR14, KWK05, LL10, LH05, LLX+15a, LWB13, LZC09, LLC+15b, LCH+06, MGBC16, MSP+13, MJL01, MQOQOH01, MFF04, Not16a, OSK+01, PB12, PSM03, PZH+15, PSW11, Puf13, PRU14, RS16, RF15, RHT13, RTMZ13, RK15, SKS+08, SSM04, SC07a, SZR16, TY15, VHBB03, XLY+16, YJL12, ZTM12, ZG04, ZGRSC10, NDP+05, SKD+04]. **time-critical** [LL10]. **time-dependent** [CN16, PB12]. **time-independent**

[CDMS15]. **time-triggered** [EABVGV14]. **timeliness** [LWW06]. **timely** [VO15]. **times** [MV16]. **timing** [vEGW06]. **Tit** [LPY+08]. **Tit-for-Tat** [LPY+08]. **TM** [Jac02]. **Tmall** [ZYZ16]. **Tmall-specific** [ZYZ16]. **TNO** [DS02]. **today** [DH15, LZWD+15]. **Toeplitz** [ABV05, PV04]. **together** [ADM06]. **token** [DHV03]. **token-based** [DHV03]. **tolerance** [ADM06, BV11, CJZ+15, ET15, LFHT15, PYKL16, PGK11, XPWF15, XTLG08]. **Tolerant** [NDP+05, ACJ10, ALL+15, AAE+09, BF07, BZD16, BHBD13, Fec12, FD01, KAL07, LHT+09, RGCC15, WDW+15, XW13, XBW+15, ZJS11]. **tomography** [SBC15]. **tomorrow** [DH15, LZWD+15]. **TomusBlobs** [CTAB16]. **tool** [AAV+15, DHH+13, FJP+05, HCG07, JK06, KSR14, LCC+03, RMG+10, SL14, TF03, VDPC03]. **Toolkit** [Jac02, BM02, DKMV07, LPC+14, PTCN07, SHG+07, SCV+08, MTD+02]. **Toolkits** [QEB+10]. **Tools** [GM10, ABF+10, AGMR05, EHSU07, Ger05, GMT07, GvHKK11, Hoh06, LGdVH13, MWW10, MM10, PKB03, ZYL+08]. **toolset** [BBGA03, GWW+10, KvGS+14]. **top** [LFZ07]. **top-** [LFZ07]. **TOP100** [EEK+04]. **Topic** [ZSZ15]. **Topics** [Man08, LL13, QLL10]. **topographical** [ATSAK15]. **topological** [ZQK15]. **topologies** [dCPD13, PMAL14]. **Topology** [RH07, VKM+09, BSZ09, CKRO13, HRR+11, QLLS15]. **Tor** [HYLG15, WWS+12]. **torus** [LGL16a]. **torus-based** [LGL16a]. **total** [TY15]. **tour** [LLF08]. **tourism** [WZT11]. **tournaments** [RLVRGÁ14]. **trace** [FMT16]. **trace-driven** [FMT16]. **traces** [BHH09, CDMS15, EJD15]. **tracing** [MGBC16]. **track** [FB16]. **Tracking** [ATSAK15, CFV+08, FM08, CCCW13, DvNM+11a, RK15, WBZ10]. **trade** [AAC+15, ANTZ09, HBKM06, KAL07]. **trade-off** [AAC+15, HBKM06, KAL07]. **tradeoffs** [MJL01]. **Trading** [YLLZ09, DDF16]. **traffic** [GHMX13, IZXM09, KMA04, LJML10, MOK04, MA15, SSC+16, VO15, WMA07, WXY10]. **trails** [KDG+08]. **trained** [SNEP14]. **Training** [AMRT14]. **trajectory** [PdCMdS+12]. **transaction** [CTY15, CKOG10, LCYJ08, MK12, SE01]. **transaction-intensive** [LCYJ08]. **transactional** [DVL13, GTFA13, WS09, WMvP+09, YHH13]. **transactions** [CTY15, MISV13, QLF+06, YCWH07]. **transfer** [AC06, AC08, DPK10, KKL06, TZK16, YYCH10]. **transfers** [MLVBW12]. **transform** [PJW+14, SP16]. **transformation** [CCC12b, CC15, Cuz11, LHC14, SKK01, TXY+16]. **transformational** [vWAH+02]. **Transformations** [OKW15, GKS+07]. **transformed** [BY12, WLL14]. **transforms** [HP11, SEF+14]. **transient** [BG04]. **transition** [RVD+12]. **translating** [IS10]. **translation** [CDN15, SD03]. **transmission** [ASWR12, DA15, HLHC12]. **transmission-cost** [HLHC12]. **transmissions** [DZ13]. **transparency** [GMS09, SK04]. **Transparent** [KFS+06, CJZZ10, DPST06, MD02, LWY+16]. **Transparent-Desktop** [LWY+16]. **transport** [RMCHMG15, VLF+13]. **transportation** [DBGA16]. **transporting** [DGW16]. **Transpose** [AS15, TDM+15]. **Transposing**

[KS04]. **transshipment** [LXP+12]. **travelers** [MCWL06]. **traversal** [MNL15]. **treasures** [BG04]. **tree** [ART14, BMS+09, BBB16, DLM13, FH13, GP07, LWK15, NJ15, SLM04, ZJKL10, ZLLL11, GBD16]. **trees** [ESGQ+11, HW14, Li04, SLM05, SN16]. **Trends** [PT12, TFDA07, CY15, SRM13a]. **Triana** [CGH+06, TWSM05]. **triangulation** [CCW04, CCW06]. **triangulations** [DG11]. **TRIBLER** [PGW+08]. **tridiagonal** [TYL+15]. **Tridiagonalization** [YDS+14]. **triggered** [EABVGV14]. **trophies** [BG04]. **Trust** [CLMM12, GYM14, KJŚ+15, WRC09, WZZL13, ZCS06, AFGL09, GGHR16, HAAWA+16, MMBP12, DMRS15, OEP+15, TLWZ14, WAD12, XADLC15, YZW+15, YLJZ13, ZW09]. **trust-aware** [HAAWA+16, DMRS15]. **Trust-based** [KJŚ+15, WRC09, WZZL13, ZCS06]. **Trust-oriented** [GYM14]. **Trusted** [QMK12, XLL+12]. **trusting** [CM06]. **trustworthiness** [HAvI13, MCXP15]. **truthful** [GP07]. **TSHMEM** [LGLA15]. **tsunami** [SPZ+10, CZL12]. **Tunable** [ABC+08b]. **tuning** [BVGVEAFG11, BLDW16, KAM11, LGG16, MNL15, Sør13, MCSML07]. **Tunneling** [PZZ08, PZZ10]. **tuples** [MZ06, vRS05]. **turbulent** [RR11]. **turning** [HCKF15]. **twisted** [WLQL16]. **Two** [Pac16, WBZ10, BdL06, DvdS06, DZ13, EMB11, FIO15, GSB+12, HLHC12, LLKC08, LCJ14, MJD15, RVD+12, SCBH09, TBK06, Tru15, WLLL15, ZZC15]. **two-dimensional** [GSB+12, TBK06]. **two-hop** [DZ13]. **two-layer** [Tru15]. **Two-level** [Pac16, WBZ10, LLKC08, MJD15]. **two-list** [WLLL15]. **two-party** [FIO15, ZZC15]. **two-tier** [HLHC12]. **Type** [CG01, WL11b, FVLS15, GE08]. **Type-safe** [WL11b]. **types** [Pun01]. **typing** [RR01].

u [WKL+11]. **u-City** [WKL+11]. **U.K** [WAS07, WC08]. **U.K.** [Xu08]. **Ubiquitous** [MCY+10, HAE09, KR15, LDS+08, MZK16, XCHY13]. **UFS** [HBKM06]. **Uintah** [MB14]. **UltraScan** [MRJ+14]. **UMM** [YGL05]. **unaware** [DFPT06]. **uncertain** [RTMZ13]. **uncertainty** [BCF12, vdKEL10, LAC+08]. **uncontrolled** [CAC+08]. **uncooperative** [BCK+09]. **undergraduate** [MTVF14]. **Understanding** [GGHR16]. **underwater** [MS07]. **unicast** [CQXW14]. **UNICORE** [Erw02]. **Unified** [BBB+14, ATNW11, DvNM+11a, LHC14, ZWW14, GDMT+12]. **uniform** [Bac03, LLYL09, WP12]. **unintended** [Kin04]. **unique** [HMM+09]. **unit** [ACC+12, ADF+13, BDW14, CGIP16, CP14, DCJ12, DCJ14, DG11, DT15b, GGV14, KC13, LKPM09, LDZ+15, MCB14, MPSGD14, OLG+15, PSRR14, RCR+15, RK15, SPZ+10, SAD13, Str11, TZKH12, VDL+15, VCW13, WCZX16]. **unit-accelerated** [BDW14, CP14, MCB14, RK15]. **unit-based** [DCJ12, DG11, DT15b]. **units** [ATVLM14, ABDP15, BHQOS15, CC15, JdM12, LPH09, LLH+15, MAS16, MAdS+10, PSCK+15, RMP+13a, RCA+11, SPMP11, SHST13, SEF+14, WJT+14, ZO14, ZDG+14]. **units/multi** [SEF+14]. **units/multi-core** [SEF+14]. **UNITY** [DD16]. **universally** [YL16]. **Universe** [SHH+14]. **unknown** [WXY10, Zhe16]. **unlabeled** [HZL+16]. **unmanned** [LZH+15]. **unmixing** [SPMP11].

unpacking [TNH15, TNI16]. **unreliable** [BPdM06]. **unrolling** [HBKM06, KKGO04]. **unsharp** [PJW+14]. **unstable** [RR11]. **unstructured** [Fer13, Fer15, FYKW15, LW05, LDXC13, LAM+09, NNH+14, NO02, Nak02, RLMG16, VDPC03]. **Unveiling** [AAC+15]. **UPC** [MTK16]. **UPCBLAS** [GDMT+12]. **upcoming** [BDG08]. **update** [FTRA15, VDPC03]. **updates** [KTR11]. **UPGMA** [LLH+15]. **upgrade** [BUVS10]. **uplink** [SHST13]. **upload** [MME13]. **upon** [CR12]. **upper** [PSIP16]. **urban** [BH05, SBB+15, XZH+16]. **Usability** [SLB08, KBH+15b]. **Usage** [DRF07, AHH14, BDP+14, FVLS15, JMF09, PSL+16, SLV12, dRC10, vLDA07]. **use** [CZ15b, FGC06, FBC10, JC07, MFG+13, PRS01]. **User** [Hoh06, OK15, SK04, AaBT16, AFGL09, BKM+07a, CZWH07, CCSS10, CHZ10, CHZ12, HHWZ08, JSPE15, JJGL13, KKJH03, KFS+06, MH07, MML16, RSC+15, SHST13, Sod07, dRC10, vHKT+11]. **user-friendliness** [BKM+07a]. **user-interactive** [CZWH07, HHWZ08]. **user-level** [CCSS10, KKJH03]. **users** [FLYL16, HSM14, MDX14, MH07, YAA07, ZACG16]. **Using** [CLL14, CNP+15, CFP+03, DKMM14, JMF09, KW01, LLB04, LFZ07, PRD+13, PLR+14, PFC+09, SHG+07, SS15c, TRW07, WJT+14, WLR05, XYER16, YTF+01, ZBP06, ZBP07, ANH16, ATVLM14, ALKD16, AB01, AD02, AMHC11, ASWR12, AR16, ATSAK15, ART14, AC02, And13, BHL+09, BV16, BCCM16, BCM+07, BdL06, BAZ09, BYT+12, CGOF15, CRC+15b, CSBL12, CW07, CH04, CSB+16, CBBCD08, COdO+11, CDN15, CMD11, DD16, DLZ16, DPK10, DFLL14, ERZ+11, FG16, FJG+13, GRSB09, GG09, GGV14, GQR16, HDDG09, HZL+16, HP11, HLB10, HLO+16, KA09, KHM+11b, KKW+14, LW05, LKKL16, LSH+16, LS05, LTM+14, LLQL14, LGD15, MMW16, MRS+10, MSL+14, MAVG16, MBC+14, MS10, MCB14, MRH14, MSM+14, MvWL+10, MT09, NO02, NNK+07, NCWD+04, NRR15, Ogi02, PWWR05, PDY14, PIAH12, PPP10, PCD15, PV15, PXY+07]. **using** [RVRD10, RS11, RTMZ13, RCA+11, RCLSK16, RSTV05, RK15, SM02, SP16, SNEP14, SAdB+16, SPJ14, SNB+01, SWB12, Slo06, SVN12, TMF+10, TTPJ16, VŠ11, WGZL06, WCA08, WBM+10, YAA07, YWC11, YLC11, YR15, ZYZ16, ZXW16b, ZWW14]. **Utility** [LPSF11, CL07, JZL15, OISS07, PC14, TAB+06]. **Utilization** [KCKC15, KC15, TK10]. **utilizing** [ZYH12].

V [WKL14]. **V2** [MAH+02]. **validated** [AFG16]. **validation** [CY08, RGAK15, SC07b, vdABST10]. **Value** [CKOG10, BL04, LZW+16, WSRM12, ZLT+16, ZHZ+13, DCK12]. **Value-at-Risk** [DCK12]. **VANETs** [MZW+16]. **vanishing** [LCJ14]. **Variable** [LBDS15, MFG+13, ZYL10]. **variables** [CMT13]. **variance** [JK13, SWD+15]. **Vector** [ALKD16, BF07, LL16c, ER12, FVLS15, FJZ+14, GLM+16, God12, GW15, JLT06, LWLZ11, NA15, OCC+05, OAS+15, PLR+14, SAD13, TDM+15, VFG11, VRDTB+16, WJ12, WZJD13, CCO+15b]. **vectorization** [BTG06].

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