A Bibliography of Publications about Virtual Machines

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Abstract

This bibliography records books and other publications about virtual machines.

Title word cross-reference

5 [ALW15]. ^{TM} [Cza00]. d [XDLS15]. HV^2M [CBZ+16]. ω [Arv02]. Π [Syr07]. V^2 [DG05].

-dienste [WF03].

.NET [Fra06, Fra09, Hee07, Hog06, Hog08, Men03].

/dev/random [Fer11]. **/** [IBM88, Int88]. **/CLI** [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06].

0 [Sim92, SCP93]. **0.9.0** [WR07]. **0.9.1** [WR08]. **'01** [Ano00, Ano01a, Ano01b, USE01c, USE01d]. **'02** [USE02]. **'03** [ACM03b, Ert03]. **'04** [Ano04a, Ano04b]. **'05** [ACM05d, Vra05].

1 [Pul91, Sch94a, WDSW01]. **1-4** [Ano06a]. **1.x** [KGG00]. **'10** [Ano10, See10, VSC+10]. **10.0** [Bau06b]. **10GE** [HB12]. **11** [Ham76, PK75a]. **11/40** [GBO87]. **1100** [Kam75]. **11th** [ACM04a]. **12th** [IEE85]. **14-16** [ACM06f]. **148** [Ano15]. **15th** [ACM06b]. **16th** [BW03, Ano93]. **17th** [Ano10]. **180x86** [Law00]. **1981** [Mar81]. **1985** [Jou85]. **1989** [Boa90, Shr89]. **1990** [ACM90]. **1991** [MR91]. **1992** [IEE92]. **1993** [IEE93a, IEE93b, JPTE94]. **19th** [ACM03b, SS05]. **1st** [ACM06c, Ano01a].

2 [Bri98, Com00, Com03, Kis08]. **2-Level** [ZSR+05]. **2.0** [Fra06, Ng01a, SUN97]. **2000** [ACM00]. **2001** [ACM01b]. **2003** [RM03, ACM03a, ACM03b, IEE03, Int05a]. **2004** [ACM04a, ACM04b]. **2005** [ACM05a, ACM05b, ACM05c, Wil06]. **2006** [ACM06c, ACM06b, ACM06d, IEE06b, IEE06a, Int06b, Int06c, Int06a]. **2008** [Lar09]. **2010** [Ano10]. **2011** [LCK11]. **20th** [IEE06a, Vra05]. **21st** [IEE05]. **23272** [Int05b]. **26th** [ACM99]. **29-state** [Sig89]. **2nd** [Ano02].

3 [McC08, PO09, vdK09]. **3.0** [MRGB91]. **3.1** [Bau06a, Skr01]. **3.5** [Fra09, Hog08]. **32** [Ano14b]. **32-bit** [VED06]. **335** [ECM01, ECM02, ECM05, ECM06]. **360/40** [ABCC66]. **37th** [ACM06d]. **390** [DBC+00]. **3rd** [ACM05b, ACM06e, Ano04a].

4 [Gal09b, G+06, Lav10, Low09, NOK+85]. **4-7** [M+06]. **43rd** [ACM06a]. **440** [R+02]. **4th** [USE00a].

5 [IEE02, War05]. **5.2** [P+08]. **5.5** [Bau06c, LMG+14]. **5L** [Mly09].

64 [De 06, Don06]. **64-bit** [VED06, VED07]. **6th** [USE01b].

7 [HH08]. **7th** [Tho93].

8 [LYBB14, She02]. **80** [BMWB86, BSUH87]. **84** [IT86]. **84/K** [IT86]. **'89** [ACM89].

'90 [IEE90b]. **91** [MR91]. **'92** [IEE92]. **'93** [GHH+93, IEE93b, LFBB94]. **'96** [ACM96]. **'99** [ACM99, USE99].

A-DRM [WIS+15]. **A.NET** [Men03]. **Aachen** [GHH+93]. **AADEBUG** [ACM05a]. **Ability** [RI00]. **Abstract** [Wel94, KMMV14, CK87]. **abstraction** [Sch09]. **Abstractions** [MD12, Tsa14, UR15]. **Accelerated** [SCSL12, BHDS09]. **Accelerates** [Ano03a]. **Accelerating**

[BSSM08, MNS+14, ZLBF14]. **Acceleration** [DEK+03, Wu13, XZZ+16]. **Access** [KCWH14, KP15, Bor07, CWC+14, CFS+12, MN91, Oi08, PSC+07]. **account** [Yel99]. **accountability** [HBP06]. **Accounting** [JSHM15, CMP+13, HB08]. **Acculock** [XXZ13]. **accuracy** [CEG07, EG03]. **accurate** [SK13b, XXZ13]. **ACDC** [AHK+15]. **ACDC-JS** [AHK+15]. **achieve** [ZL13]. **Achieving** [KMK16, MBK+92]. **ACLE** [PBR+90]. **ACM** [ACM90, ACM01b, RM03, ACM03b, ACM04a, ACM05c, ACM05d, ACM06a, Vra05, Cre10b]. **ACM/IEEE** [ACM05c]. **ACM/USENIX** [ACM05d]. **ACOS** [NOK+85]. **ACOS-4** [NOK+85]. **Acquiring** [FG91]. **across** [TMMVL12]. **action** [Siv07]. **actors** [GE85, Sub11]. **Actra** [TLD+89]. **Ada** [Dom80a, Bak83, GBO87, GR80, Ibs84a, Kam83, Ker88, Ibs84b, SGS92, SM92, Vol90, Wes98, ZEdlP13]. **Ada'97** [ACM97]. **Adaptability** [SV13]. **Adaptable** [GIK+99]. **adaptation** [ZBG+05]. **adapters** [SAB+07]. **Adapting** [BADM06, SJW+13, WGLL13]. **Adaption** [BHI15]. **Adaptive** [AS14, Bir94, HHW10, HKKW13, JKB15, LMV12, Lee16, LCT+15, LZL+15, OVI+12, PSZ+07, SXCL14, BB12, JNR12, KKB14]. **adaptively** [JDW+14]. **Adding** [HHV+02]. **Administration** [MJW+06, Bor07, Dav04]. **administrator** [TC10]. **Advanced** [A+04, Alf91, fLtNW14, AAB+05c, B+05, G+05, IEE06a, MRM06, OH05, SS05, Fit14]. **Advances** [Ert05]. **advisor** [ZLV+12, ZBS+15]. **Affinity** [SK13c]. **Affinity-aware** [SK13c]. **against** [CVWL13, CD12, GHD12]. **age** [Bac11]. **Agent** [RB01, ABV12]. **Agile** [IMK+13]. **Agility** [OSK15]. **aging** [AMA+14]. **ahead** [MA10]. **Aid** [KLF+15]. **aided** [ME87, SI81, TB14]. **AINA** [SS05]. **AIX** [Gal11, Mly09]. **ALEP** [Sim92, SCP93]. **ALEP-0** [Sim92, SCP93]. **Alfa** [WDSW01]. **Alfa-1** [WDSW01]. **Algorithm** [BP99, LW12, ZHL16, Hog02, JGA+88, MM92, TMLL14, Tho68]. **Algorithm-Dependent** [BP99]. **Algorithms** [FGLI15, HHK94, KP99, Man15a, SHW+15, AB16, BB12, CRB12, ME87, MJ93, SGS92, YTS14]. **aligned** [AGIS94]. **Alignment** [EDS+15]. **Allocation** [CWL12, CPST14, Do11, Man15a, NMG15, PCC+16, VTW16, XSC13, CPST15, dCCDFdO15, EdPG+10, GLLJ16, Mly09, SGV13, ZG13, ZLH+15]. **allocation-site-based** [CPST15]. **Alternative** [MLG+02, vMAT14, SPF+07]. **Alto** [ACM01b]. **AMD64** [Ano14a]. **American** [Boa90]. **among** [CDN02, LTZ+14, TtLcC13]. **amplifying** [DP11]. **Analogy** [Gai75]. **analyses** [HB13]. **Analysis** [ACM05a, BFG+14, HT98, HWB03, JKK+13, KNT02, LCK11, MM93, NMS+14, Ost94, RI00, SM02, TKG89, WH99, ACM01a, AAH+03, BBM09, BMER14, EMS15, FX06, GP13, GPW03, LTZ+14, MD73, MD74, MSG01, SMSB11, Wün13, YJZY12, DHPW01]. **Analysis-Driven** [ACM05a]. **analytic** [Bar78]. **Analyzer** [Ano03a, SHLJ13]. **Analyzing** [CVWL13, PV08]. **Android** [CXLX15, KLF+15, STY+14, THC+14]. **Angeles** [ACM06c, IEE84b]. **Animated** [PCR89]. **Annotated** [MR04, RSF03]. **annotation** [ANH00]. **annotation-aware** [ANH00]. **Announcement** [Ano00]. **Annual** [ACM06a, Ano10, IEE85, IEE05, MS91b,

Shr89, USE00a, USE01a, USE06, ACM06a]. **anomalies** [FRM+15]. **anomaly** [SIK+16]. **Antfarm** [JADAD06a]. **Anti** [Sta07]. **Anti-P2P** [Sta07]. **Antonio** [ACM99, USE01b]. **Anwendung** [Bec09, Bor01, WF03, Zim06]. **Any** [WL96, FIF+15]. **APA** [JNR12]. **Apache** [FRM+15]. **apart** [LBF12]. **API** [Ano14c]. **APL** [Alf91]. **applets** [Wes98]. **Appliance** [See10]. **Appliances** [BRX13, AEMWC+12, BSM+12]. **Application** [CHW12, cCWS14, Cza00, KNT02, KLF+15, MD73, MD74, PCW+16, AS14, BBS06, IBM88, Int88, IBM96, JSK+13, JDJ+06, Kag09, Lia05, LLS+08, MRGB91, SE12, SWcCM12, SASG13, ZS01, ZBG+05]. **application-specific** [ZS01]. **Applications** [Ano99, Ano03a, BAL15, Boa90, HHV+02, IEE05, NKK+06, Pfo13, PY93, SS05, TR88, AS76, Alf91, AC16, AB16, ACT94, ABC+07, BTLNBF+15, DBC+00, EF94, EMS15, GHD12, GTN+06, GHH+93, HcC14, HKD+13, HSC15, JPTE94, KRG+12, LCL14, dOL12, PTM+15, R+13, RSLAGCLB16, Sch13b, SGV12, SZ88, WDCL08, YGN+06, ZBP05, ZNSL14]. **Applicative** [AS85a, Abr82, AS85b]. **applied** [MM92]. **Approach** [BFG+14, BRX13, CLW+14, Cox09, DPCA11, DM75, FPS+02, Jen79, JQWG15, KC16, KAH83, NSJ12, SDD+16, VN06, WJ10, BML+13, BHvR05, CGL+08a, CGL+08b, CGL+08c, CBZ+16, GLLJ16, KW13, KKB14, LH13, LU04, MD73, MD74, PSC+07, XHCL15]. **Approaches** [BAL15, JK15, TIIN09]. **Appropriate** [ZRS+16]. **April** [Ano01b, IEE84a, USE01c]. **Architectural** [DCP+12, JR02, NMHS15, PEC+14, SL12, CFS+12, RVJ+01]. **Architecture** [BBD+91, BKMM87, BDR+12, CAF+91, DAH+12, G+05, Gol73, Gum83, HW93, Hsu01, IEE85, KZB+90, Kee77, LMG00, LMG01, LGR14, MSS+15, PCC+16, PK75a, Rev11, SJV+05, SSB03, SN05a, Sun99, TR88, TV12, Tur92, Uhl06, WIS+15, ZGW+06, Ano94, Ber86, BR01, CLDA07, DS09, GCARPC+01, HIIG16, Hog02, HMS04, IBM88, IIK+06, Jou85, KW80, LLW+12, LL14, MS01, MJ93, NOK+85, OJG91, RFBLO01, Ros06, SIJPP11, SG09, Wel02, YTS14, YYPA01, Yur02]. **Architecture-aware** [WIS+15]. **Architecture(R)** [MBBS13]. **Architectures** [ACM06b, BN75, EG01, HW93, HHK94, Ian14, PG74, PY93, RD90, BGS13, DM93, EMI13, Skr01, YZW+13, ZP14]. **Architektur** [Dal97]. **Area** [BFG+14, Fis01]. **Arizona** [IEE05]. **ARM** [DN14]. **Aroma** [Sur01]. **Arquillian** [Ame13]. **Array** [MBK+92, SV15]. **Arrivals** [KMM13]. **Art** [BGP00, SGB+16, BDF+03, MDD+08]. **Artificial** [MR91, TVO92, BCM90, IM93, KCV11]. **arts** [BB08]. **aspect** [BADM06]. **Aspects** [Hsu01, Kna93, EF94]. **assembler** [GBO87]. **Assembly** [BD01, SVB93, Ber86, Don88, Juo07]. **Assembly-Language** [SVB93]. **assignment** [AAM+16, KMT14, WZV+13]. **Assisted** [CCML12, JSHM15, JAS+15, AJH12]. **Association** [Sof83]. **Assurance** [LJZ12, LLW+12]. **AST** [ZLBF14]. **asymmetric** [CBGM12, KKJL14]. **Asynchronous** [Cav93, LJL+11, MM93, SM01, vLSM01]. **Atlanta** [USE86, USE00a]. **ATMS** [CWG00]. **atomicity** [BHSB14]. **attached**

[Mon97]. **Attackers** [CLS07]. **Attacks** [SL16, SYB12, TV12, GHD12, VT14, WXW15]. **Attestation** [ZL16, VT14]. **attribute** [FS89]. **Auction** [SZW+16, TVKB16, ZG13, ZLH+15]. **auction-based** [ZG13]. **Auditing** [SM90]. **aufsetzen** [RHM08]. **augments** [Bri98]. **August** [RM03, IEE96a, IEE96b, IEE97, IEE99, MR91, Ost94, USE93, USE00b, USE02]. **Ausfalls** [Mar08]. **Austin** [ACM75, IEE02, IEE03]. **Australia** [MR91]. **Author** [DM76]. **Automated** [ACM05a, Ano03b, BSSS14, FGLI15]. **Automatic** [MS00, SMES01, SMA+10, Sus76, ZLZ13, MSZ09]. **Automating** [MJW+06]. **Automation** [ACM06a]. **automaton** [Sig89]. **autonomic** [SWC08, WDCL08]. **availability** [AAF+09, Fu10, LDL+08, MRC+13, YLH14]. **Available** [Ano03b, GI12, GVI13]. **avatar** [CKT08]. **average** [LDL14]. **avionics** [ABC+07]. **avoidance** [OG16]. **Avoiding** [BLRC94]. **Award** [War11]. **Aware** [BMS16, CWH+16, CGC16, CWL+15, Do11, EGR15, HPP15, JJK+11, JQWG15, KL14, Man16, SDD+16, XLL+14, XLJ16, dSdF16, AO16, ANH00, CD14, Fu10, GLK+12, HSC15, HC12, IKU15, JNR12, KC16, KBB11, KCS14, KLF+15, LWL16, SSB+14, SSN12, SGV12, SZL+14, SK13c, WIS+15, WCC+16a, XCJ+14]. **Awareness** [ZHL16, LCL14]. **Azure** [Fab13].

B [Req03]. **B5500** [Ham76]. **Back** [KS08b]. **backup** [ZXW16]. **bad** [RY10]. **Bahamas** [Ano99]. **Balanced** [LLW+16]. **Balancing** [CGC16, CL16a, Gua14, HPP15, LW12, MKKE12, WWH+16, YWR+14, Bir94, TF16, Vac06, XH90, ZWL09]. **Ballooning** [LJL+15]. **Baltimore** [Ano93]. **Band** [ZSXZ07, PBYH+08]. **Bandwidth** [ZRS+16, BAC15, GLLJ16, LZW+15, WQG15, WXW15]. **Bare** [AGH+16, OSK15, GAH+12]. **Bare-metal** [AGH+16, OSK15, GAH+12]. **barrier** [Rix08]. **barriers** [LM99]. **Base** [UOKT84, WH08]. **Based** [Bad82, BAL15, CWL12, CHW12, CLW+14, CD12, CDD13, DF96, GGG03, JN15, KP15, LW11, LP14, LCT+15, LW12, MJW+14, OVI+12, PvDS08, Ran02, RWX+12, SJV+05, SHZ+14, TV12, WB81, YWR+14, ZQCZ16, ZXY+15, vLSM01, AAJD+16, Ano06a, AB16, ALL06, AMA+11, CVWL13, CGL+08a, CGL+08b, CGL+08c, CWC+14, CBZ+16, CLcC13, CPST14, CPST15, CGV10, DP11, DC15, DPCA11, FS89, FLCB10, FL13b, GR15, HOKO14, Kag09, Kam13, KS13, KRCH14, KKB14, KDB16, KM13, KJM+07, KKJ+13, gKEY13, LMJ07, LBL16, LLS+08, LC13, Oi05, Oi06, Oi08, PFH+16, PGLG12, QZDJ16, SJB14, SS13, SG10a, SGV13, SPF+07, Sto07, TT96, TY14, VT14, Vog03, WKT08, WDCL08, WW77, XZ11, XZZ+16, YC98a, YC98b, YZW+13, YZLQ14, YBZ+15, ZG13, ZLH+15, ZWHC17, ZLL+16, vKF13, Ano96, FF96, GTGB14]. **basic** [A+04]. **basierende** [Deu08]. **Basis** [Kar07]. **Batch** [KMM13, LD05, SS13]. **Bay** [Ano10]. **BCPL** [Abr80, WW77]. **BCPL-Slim** [Abr80]. **Be** [Cox07]. **beams** [MC98]. **Beautiful** [SG09]. **Bedienung** [KGG00]. **beginner** [RR09, Wes98]. **Behavior** [EG01, CL14, LWB+15, Oi08, Wol99]. **Behind** [Cra98]. **Belgium**

[ACM04a]. **Benchmark** [DHPW01, GPW03, SMSB11]. **Benchmarking** [CGS06, AHK+15, FLM+08, KJ13, ZS01]. **benchmarks** [LJN+00]. **Benefits** [LS15]. **Berkeley** [USE01c]. **Best** [B+07, Sch13a]. **betreiben** [RHM08]. **Betriebssystem** [CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s]. **Betriebssysteme** [WR07, WR08]. **better** [Com00]. **Between** [Jen79, ZLHD15, BDJdS02]. **Beyond** [FPS+02, ACM04a]. **Bias** [Lee16]. **biased** [ABDD+91]. **Big** [GTS+15, MSG14]. **Bin** [GR15, SXCL14, XDLS15]. **Binary** [KLF+15, ZFL15, HLW+13, JYW+13, PGLG12, vKF13]. **BIND** [See10]. **binding** [KW13]. **biodata** [Wün13]. **biogeography** [ZLL+16]. **biogeography-based** [ZLL+16]. **biology** [Wün13]. **Biopolis** [Ano06a]. **bird** [Guy14]. **bison** [Kag09]. **bison/flex** [Kag09]. **bit** [VED06, VED07]. **Black** [NMMP15, VVB13, WSVY09]. **Black-box** [WSVY09]. **Blessing** [Kot10, Kot11]. **Block** [Sch94b, Sch94a, TLBW12, Zyt94a, Zyt94b, FFBG08, FLCB10, TKG89, WF07]. **block-device** [FFBG08]. **block-level** [FLCB10]. **block-paging** [TKG89]. **Blocks** [Lam75]. **Blue** [SSU+12]. **board** [CGV10]. **Bochs** [Ano14b]. **bodies** [AGIS94]. **Bolton** [ACM03b]. **Book** [Lar09, Van98, B+07, TC10, War02]. **books** [Van98]. **boost** [CBZ+16]. **boosting** [AC16, PGLG12]. **Boot** [SB16]. **Bootstrapping** [CBLFD12, Kam75]. **BOS}** [RP07]. **Boston** [IEE85, USE01a, USE06]. **Both** [ZHL16]. **Bottom** [UOKT84]. **Bottom-up** [UOKT84]. **bound** [JGA+88]. **boundary** [SBQZ14]. **bounded** [XHL+13]. **Box** [NMMP15, VVB13, WSVY09, XHCL15, MNS+14]. **branch** [CEG07, EG03, JGA+88, JYW+13, WHC16]. **branch-and-bound** [JGA+88]. **branch-and-price** [WHC16]. **branches** [KJM+07]. **Breadth** [MNS+14]. **Breaking** [GKBB15, Rix08]. **breed** [Arm98]. **Bridge** [Men03]. **Bridging** [ACM04b, FL13a]. **Brighton** [Vra05]. **bring** [XKY+11]. **Bringing** [BDR+12, STS+13]. **brokering** [TMMVL12]. **browser** [FIF+15]. **BSD** [WF03]. **Buch** [KGG00, Tho08]. **buddies** [WTLS+09]. **buffer** [JADAD06b]. **buffers** [CFG+13]. **bug** [Ano15]. **Building** [AAB+05a, DBC+00, DF96, PEC+14, SJV+05, See10, Nie12, SG10b, WH08]. **bursts** [DP11]. **bus** [HHPV15]. **buying** [ZLH+15]. **buying-based** [ZLH+15]. **BYOD** [DMG+15]. **Bypass** [LHAP06]. **Bytecode** [MO98]. **bytecodes** [SUH86].

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, Blu02, CWG00, G+01, Hee07, Hog06, Hog08, JM08, Men03, Siv07, Wil06]. **C#** [G+01]. **C/C** [Blu02]. **CA** [ACM06a, ACM06c, IEE84b, IEE93a, USE01c]. **Cache** [JQWG15, NsP16, RHR02, Boz89, JADAD06b, Oi05, RJK16, ZP14]. **caches** [BLRC94]. **Caching** [KJL11, MM93, LM99]. **Calculations** [Bad87]. **Calculus** [ABV12, Wat86, Wat87, WK90]. **Calif** [ACM01b]. **California** [ACM05a, Ano01b, Ano04b, Ano10, IEE96a, IEE97, IEE99, USE91, USE99, USE01c, USE02, IEE84a, IEE90a, IEE91, Tho93]. **Call**

[DEK+03, Lee16, PVRR14, SSB+14]. **Call-site** [SSB+14]. **calling** [HB13, SSB+14]. **calls** [VMBM12]. **Cambridge** [USE93]. **Can** [Cox07, GW07, THB06, Sig89]. **Canada** [ACM06f, Sof83]. **CAOS** [Sch86]. **Capabilities** [TVO92, Ame13, AAB+05c, Fit14]. **capable** [PST+15]. **capo** [SMSB11]. **capping** [JKK+13]. **Capture** [Sur01]. **capturing** [BKC+13]. **Card** [Siv04, SUN97, HM01, Req03, JCV99]. **cards** [TLBW12]. **carry** [Ame13]. **carrying** [FCG+05]. **Cascade** [YYL+15]. **cascading** [HL13]. **Case** [GGG03, HWB03, Ian14, PK75a, HIIG16, MN03, Sig89, Vit14]. **Case-Based** [GGG03]. **Cases** [FG91]. **Cassandra** [FRM+15]. **Catalyst** [Ano03a]. **Categories** [Gai75]. **causes** [FRM+15]. **CCAP** [JQWG15]. **CCGrid** [TLC06]. **CD** [Joo06]. **Cells** [DAH+12]. **cellular** [ALW15, Sig89]. **Center** [Ano93, Car14, CGC16, IEE90b, PCC+16, XWJX15, HUWH14, LZW+15, Man15b, MRM06, MBM09, VOS12, WDCL08, WZV+13, Car13]. **Centers** [BB13, EGR15, KMM13, LVM16, Man15a, Man16, SB16, ZHL16, dSdF16, AGH+15b, AGH+15a, ATS16, BB12, FLL+13, IKU15, PVRR14, WTLS+09]. **centralized** [Fis91]. **Certain** [JHS12]. **Certified** [Khn09, IIPB09]. **Chaining** [LLW+16]. **chains** [NRS92]. **Challenges** [Nie12, SG10b, FJKK17, LDDT12, MA10, TIIN09]. **change** [ZL13]. **Changing** [Mac79]. **Channel** [LGR14, MN03, WXW15]. **Channels** [Hu90]. **Characteristics** [SHW+15, CWC+14]. **Characterization** [AMA+14, CGS06, IEE02, IEE03, ACM06c, RVJ+01]. **characterize** [LJN+00]. **Chatten** [Joo06]. **Cheat** [Rul07]. **checking** [BHSB14]. **checkpoint** [BBHL08]. **checkpoint/restart** [BBHL08]. **Checkpointing** [ECJ+16, PEL11, SGV12, TSLBYF08]. **checkpointing-enabled** [SGV12]. **Chicago** [ACM05d]. **chip** [Mon97]. **Chips** [FRD+08, IEE97, IEE99, IEE96a]. **Choices** [XDLS15, Ano93]. **CICS** [R+13]. **circuit** [Bur02]. **Class** [LCWB+11, LB98, Pat12, Won97]. **classes** [Bor07, Skr01]. **classical** [SGS92]. **classification** [CWC+14]. **classification-based** [CWC+14]. **Cleancache** [VTW16]. **CLI** [ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, SNS03, Vog03]. **CLI-based** [Vog03]. **Client** [RSW+06, DPW+09, HIIG16]. **CLIP7** [Lau87]. **Cloning** [LCWB+11]. **Closing** [ZLHD15]. **Cloud** [BB13, BHEP14, CWL12, DKW15, GLS15, JE12, JQWG15, KC16, KMM13, LCWB+11, LGR14, LW12, LS15, MSG14, Man15a, Man16, MJW+14, NSJ12, PCW+16, PS16, PCC+16, RSGG15, RWX+12, SL14, SZW+16, SV13, SXCL14, TVKB16, TMMVL12, XSC13, XWJX15, XLL+14, XLJ16, YP15, ZQCZ16, ZL16, ZHL16, AGH+15b, AGH+15a, AB16, AO16, AMA+14, ATS16, BTMS10, Beg12, BCC+15, CL14, CSSS11, DC15, DQLW15, FLL+13, GTGB14, GLK+12, IKU15, JES+15, KSO+15, KSRL10, KMT14, KCS14, KJLY15, KCKC15, LLW+12, LZWC13, LZWD15, LCL14, LLS14, LL14, LTZ+14, LP11, Man15b, MNA16, Nie12, dOL12, OL13, RQD+17, Ros14, SG10a, SGV13, SASG13, Str13, TMLL14, VT14, WRSvdM11, WRS+15, WXW15, XHL+13, XZZ+16, YLH14, YLHJ14, YBZ+15, ZLZ13, ZWHC17, BB12, CD14, CFVP12, KKB14, KBB11]. **cloud-computing** [ZLZ13]. **cloud-distributed** [AB16]. **cloud-oriented**

[Beg12]. **Cloud/Virtual** [YP15]. **ClouDiA** [ZLV+12, ZBS+15]. **cloudlet** [YBZ+15]. **cloudlet-based** [YBZ+15]. **CloudMon** [WLLZ16]. **CloudNet** [WRSvdM11, WRS+15]. **Clouds** [AD11, CRZH15, HKKW13, KMK16, KDB16, LWLL10, NMG15, OG16, OSK15, WZL15, WLLZ16, ZRZY15, BB15, dCCDFdO15, FBZS12, HZZ+14, KMK10, LMV12, LBZ+11, LWLL16, PPO14, XJWW15, ZG13, ZLH+15, ZLV+12, ZBS+15, EMS15]. **Cluster** [CL16b, GIK+99, SEF+06, TLC06, FLCB10, KJLY15, LJL12, YLHJ14]. **cluster-based** [FLCB10]. **Clustering** [XZZ+16, ZWHC17]. **Clustering-based** [XZZ+16]. **Clusters** [LZ15, WIS+15, YWCF15, ZLW+14, AO16, Fu10, HCJ07, KOY05, SJJ+12]. **CMD** [CWC+14]. **CMS** [SNC91, IBM96]. **CNC** [Lia05]. **Co** [HS06, LH16, WIDP12, OG16, Wu13, YWGH13]. **Co-Design** [LH16]. **Co-Designed** [HS06, Wu13]. **Co-evolution** [WIDP12]. **co-location** [OG16]. **co-scheduling** [YWGH13]. **COBOL** [IBM88, Int88, TT96]. **Code** [AC98, CDN02, Dom80b, Fra83, GFH82, GHF83a, GHF83b, RJK16, WNL+83, Ano15, EL98, FCG+05, HK07, HLW+13, JM08, NG13, PV08, tTR82, UTO13, WGF11, Cox12]. **code-copying** [PV08]. **Codesign** [KAJW93]. **CodeWeavers** [Ano03b]. **Coding** [Hsu01]. **Cognitive** [AAJD+16]. **coherent** [ZP14]. **cold** [WGF11]. **Collaborative** [IEE06a]. **Collecting** [DS16]. **Collection** [ADM98, Ano03b, BS90, SHB+03, DEE+16]. **Collection-Oriented** [BS90]. **collections** [BDT13, SV15]. **Collector** [GTS+15, WK08]. **Collectoren** [Sch13a]. **collectors** [Sch13a]. **colocation** [WTLS+09]. **Colorado** [USE00b]. **Comandos** [MC93, CTS+93]. **Combating** [GG11]. **Combinatorial** [ZG13]. **combining** [RSLAGCLB16, YJZY12]. **COMMA** [ZNSL14]. **Commandos** [MC93]. **Commodity** [Ros99, BK14, CGL+08a, CGL+08b, CGL+08c, CLDA07, TLBW12]. **Common** [CK87, Cro93, Int05a, Int05b, Int06a, ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, MR04, PW03, RSF03]. **communicating** [SK13c]. **Communication** [CK06b, CK06e, DJ77, HW15, Jen79, RLZ+16, YC98a, YC98b, BML+13, DSC+08, DJ76, GI12, Tho93]. **Communications** [NKK+06, CFVP12, HSC15, MN91]. **communities** [ACM04b]. **community** [AAB+05a]. **compaction** [WK08]. **Comparative** [LJL+15, Van98]. **Comparing** [Gal11]. **Comparison** [Do11, EDS+15, Ng01a, Ng01b, QNC07, AA06]. **Compatible** [ZFL15]. **Competition** [CRZH15]. **Competitive** [BFG+14]. **Compilation** [ACM06b, Cla97, FM90, JK13, KS13]. **Compiler** [GFH82, Har77, FS89]. **Compiling** [BS90, BSUH87, Ode87]. **Complete** [Bod10, Fis09, LJN+00, War02]. **completion** [MNT14]. **complex** [Sig89]. **complexity** [Bod88, FS08, GLK+12, Sub08]. **Compliant** [CF00]. **Component** [Ano03b]. **components** [HPHS04, IKU15]. **Composable** [JHE14]. **Composed** [Wel94]. **Composite** [DKW15]. **compositional** [Yel99]. **compound** [VMBM12]. **Comprehensive** [LV99, PCW+16, TFtLcC15, GP13]. **compressing** [JDW+14].

Compression [HKKW13, SHTE11]. **compromise** [CD01]. **CompSC** [PDC+12]. **Computatio** [HW93]. **computation** [CMP+13, CKP+93, KJJ+16]. **Computational** [THLK10, Wün13, YQZ14]. **computations** [Kra90, NOR15]. **compute** [KL13]. **Computer** [ACM81, ACM06d, Ano93, Arm78, BGS89, CCO+05, DM75, Hsu01, IEE85, IEE90a, IEE91, IEE05, Nel04, PBR+90, SS75, SI81, Tur92, WR07, WR08, ZR06, Ågr99, BR01, DG05, DTW07, FFB+00, GE85, GD08, Hog02, Jou85, Juo07, KW80, LBP+07, ME87, MS01, Pou90, Ros06, Skr01, Spi06, SS72, Sus76, WO75, YYPA01, Yur02, Mon97, Osb01, War11]. **Computers** [BP99, BKMM87, BS90, KD78, MSS+15, HP77, SGGB99, SGGB00]. **Computing** [ACM98, ACM04b, ACM05b, ACM06e, Abr80, BHEP14, CWL12, DDS+94, DPCA11, Gei02, IEE96b, IEE04, IEE06a, KC16, KGZ+04, LCK11, LW12, MSG14, MO98, NSJ12, PCW+16, PS16, RCM+12, SCSL12, SZW+16, SEF+06, TLC06, USE93, Vog03, WB81, XSC13, ZL16, ZZF06, Ano96, AMA+14, BS96, CD14, CDM+10, DQR+13, Fis91, FF96, Fu10, GLA+08, JPTE94, KSO+15, LBZ+11, LLW+12, LCL14, LTZ+14, LP11, MNA16, McG72, McK11, MUKX06, M+06, PSZ+07, QZDJ16, RQD+17, Rob06, SJW+13, SASG13, SB10, TMLL14, WH08, ZLZ13, ZWHC17]. **computing-an** [FF96]. **con** [SMSB11]. **concept** [SIJPP11]. **Concepts** [PPTH72, Ågr99, Don88, MS01]. **Concerns** [VN08]. **concolic** [LLS+12]. **Concurrency** [MD12, CFS+12, Sub11, UR15]. **concurrency-safe** [CFS+12]. **Concurrent** [GMP89, Har77, KD78, IT86, WK08, YWGH13]. **Conditioned** [WC01]. **Conference** [ACM81, ACM90, ACM96, ACM97, ACM00, ACM01b, ACM04b, ACM05d, ACM06a, ACM06b, ACM06f, Ano93, Ano99, Ano01a, Ano02, Ano04a, Ano06a, BW03, DC15, IEE84b, IEE93a, IEE05, LCK11, Mar81, MS91b, MR91, Sof83, SS05, Shr89, USE99, USE00a, USE01a, USE01b, USE06, ACM05c, ACM06e, IEE06b, JPTE94, USE85, USE86, ACM00, IEE85]. **Configurable** [WJGA12]. **Configuration** [BRX13, Lar09, A+04, FL13b, SMA+10]. **configurations** [LDL+08]. **configure** [Car14]. **Configuring** [AL05, Rul07]. **confirmation** [OG16]. **conflict** [BLRC94]. **Congestion** [CL16b, ZWC+14]. **Congress** [GHH+93]. **conjugate** [MM92]. **Connected** [SMES01, MS00]. **connection** [MJ93, Tur84, TR88]. **connections** [FBZS12]. **connectivity** [VOS12]. **Conserving** [DP11]. **considerations** [G+05]. **Considered** [NMHS15, WC01]. **considering** [LTZ+14]. **consistency** [FRM+15]. **Consolidated** [HPP15, JJK+11, KKJL14, OL13, SS13, ZLL+16]. **Consolidation** [BB13, LVM16, PZW+07, SBK15, AGH+15b, ATS16, BB12, BB15, CD14, HZZ+14, gKEY13, KCV11, LBL16, LL14, LDDT12, Man15b, R+02, SSN12, WCC+16a]. **consolidation-aware** [WCC+16a]. **constituent** [RHR02]. **Constrained** [EGR15, LTE12]. **Constraint** [LFBB94, DQLW15]. **Constraints** [BB13, KKS12, SZ13]. **Constructing** [DM93]. **Consumption** [DSM14, MV16, FFB+00, DPBK16, RJK16, VED07]. **Container** [SPF+07, SG10a, Str13]. **Container-based** [SPF+07]. **containers** [Ros14].

Containment [CLW+14]. **Content** [CWH+16, GVI13]. **Contention** [JQWG15]. **Contention-Aware** [JQWG15]. **contents** [BTLNBF+15]. **Context** [DMG+15, TMV12, vLSM01, HB13, SSB+14, SM01]. **Continuous** [DL89, TSLBYF08]. **Continuum** [Bad87]. **Contraction** [Par79]. **Control** [AGLM91, Att79, CL16b, HHC+16, LZ15, PSBG11a, Sch94b, Sch94a, SDD+16, Sur01, WJ10, WSAJ13, Zyt94a, Zyt94b, AS76, BKH+06, FP14, HB08, Kis08, KKS12, Lia05, PSZ+07, PSBG11b, PSC+07, STS+13, ZBG+05, ZSW+06]. **Control-Flow** [WJ10]. **controlled** [KK79, Sto07]. **Controllers** [AMH+16, CWG00]. **controlling** [BKC+13]. **Convention** [Ano93]. **converged** [DPW+09]. **Convergence** [RM03]. **Conversion** [GBO87, IBM94, YTY00]. **convex** [SJRS+13]. **Cookbook** [Car13, Car14, G+06, P+08, TH10]. **Cooperative** [KJL11, GLLJ16]. **Coordinated** [BRX13, LZ15, CRB12, KKJ+13, NS07, BBMA91, MSS91]. **coordinating** [ZNSL14]. **Coordination** [ABV12, Tho93]. **COOTS** [USE99]. **Copley** [USE01a]. **Coprocessor** [LRZ16]. **copy** [HDG09]. **copying** [PV08]. **core** [CMP+07, DQR+13, KW13, PNT12, SK13b, YTS14]. **Corel** [Ano03b]. **Corner** [Sch94b, Sch94a]. **correct** [DM93, IM75, Kou11]. **Correction** [Lee16]. **Correspondence** [BDJdS02]. **Cosmology** [Nel04]. **Cost** [AMH+16, Dre08, KJM+07, LBZ+11, OMB+15, SJRS+13, ZLZ15]. **cost-efficient** [OMB+15]. **costs** [FLL+13]. **counter** [NB11]. **Counteracting** [VT14]. **course** [AL05, Don88]. **courses** [BBS06, GD08]. **Cover** [Arm98]. **Coverage** [CSS+16]. **Coverage-directed** [CSS+16]. **covert** [WXW15]. **CPU** [BSSS14, HB08, JGW+11, Kam13, Skr01, SK13c, WGLL13]. **crash** [KY16]. **create** [Fit14]. **creation** [CK06b, CK06e]. **Credit** [KP15, KCS14]. **Credit-Based** [KP15]. **criteria** [ATS16]. **Critical** [Ano15]. **Criticality** [WLMD16, LWM14]. **Crop** [UBF+98, BDF+98]. **Cross** [JR02, JXL+12, WLW+15, WCC16b, AWR05, BKC+13, CWH+14]. **Cross-Architectural** [JR02]. **Cross-ISA** [WLW+15, WCC16b, CWH+14]. **Cross-Platform** [JXL+12]. **cross-run** [AWR05]. **cross-thread** [BKC+13]. **Crosscut** [CLG+10]. **CrossOver** [Ano03b]. **cryptographic** [QZDJ16]. **cryptography** [RY10, VDO14]. **CSDA** [War11]. **CSDP** [War11]. **CTO** [Cre08a, Cre08b, Cre09, Cre10b, Cre10a]. **Current** [AH12, RG05]. **Curse** [Kot10, Kot11]. **Customer** [PPO14]. **Customer-oriented** [PPO14]. **Customization** [PCC+16, CGV10]. **customized** [HB13]. **CVM** [DSC+08]. **CyberGuarder** [LLW+12].

DAI [AKK+07]. **damn** [B+07]. **Dana** [Ano10]. **Dark** [Fer11]. **Darling** [MR91]. **Dartmouth** [Lee86]. **Dartmouth-Smalltalk** [Lee86]. **Data** [BFHW75, BB13, CGC16, EGR15, FL13a, GTS+15, IEE84b, KP15, LVM16, Man15a, Man16, Nel04, PCC+16, SB16, UVL+13, Wel94, XWJX15, ZHL16, dSdF16, AKK+07, AGH+15b, AGH+15a, ATS16, BK14, BB12, CFS+12, Cla05, FLL+13, GE85, GH91a, HN08, HUWH14, IKU15, KJJ+16, KSLA08, LDL14, LZW+15, Man15b, MRM06, MBM09, PVRR14, PRB07, She91, TSLBYF08, VOS12, WDCL08, WZV+13, Wol99, WTLS+09, WCG14, XXZ13].

data-flow [GE85]. **data-parallel** [She91]. **Database** [WK90, BBS06, CSSS11, ECAE13, MN91, MRC+13, PTM+15, SI81, SMA+10]. **Datacenter** [BBM+15, BCP+08, GTGB14, MSG+12, SG10b, ZLZ15, ZWC+14]. **datacenter-scale** [MSG+12]. **Datacenters** [KL14, GLLJ16, WRS13]. **Dataflow** [HT98]. **DBT** [KS13]. **DDG** [PGLG12]. **DDG-based** [PGLG12]. **DDGacc** [PGLG12]. **de-duplication** [CLcC13]. **de-facto** [Rus08]. **dead** [SK13a]. **deadline** [DQLW15]. **deadlocks** [PRB07]. **Debian** [CK06a, CK06b, CK06k, CK06q, Bau06a, CK06a, CK06b]. **Debues** [Ano03b]. **Debugger** [MZG14, RB01, Sun99, But94, HH05]. **Debugging** [ACM05a, FS12, HHH04, Cia07, JHE14, KM13, KK79, PMC05]. **December** [ACM05b, HHK94, IEE05, M+06]. **Decision** [CHW12, DJ77, DJ76]. **Decisions** [HKKW13]. **Declarative** [Dan86]. **Decomposition** [JK15]. **dedicated** [KOY05]. **Deduplication** [Li14, MJW+14, CWC+14, HOKO14, XZZ+16]. **Deduplication-Based** [MJW+14]. **deep** [HcC14]. **defending** [CVWL13]. **Defensive** [BDJdS02, Coh97]. **Defined** [JN15, LLW+16, ALW15, LJR12, LWL16]. **Defining** [DL89, Lot91, BMWB86]. **Definition** [Dom80b, SMO84, EMS15, SSB01]. **Definitive** [Oak14, Chi08]. **Defragmenting** [SGV13]. **Degree** [KMM13]. **DejaView** [LBP+07]. **Delay** [RKRK17, ZRS+16, LCL14]. **delay-sensitive** [LCL14]. **Delivery** [TFtLcC15]. **delta** [SHTE11]. **Demand** [CWL12, KKJ+13, MSS+15, SEF+06, ZZF06, J+05, LZW+15, SGV13]. **Demand-based** [KKJ+13, SGV13]. **Denelcor** [Dun86]. **denotational** [Arv02]. **Denver** [USE00b]. **Deoptimization** [KRCH14]. **Dependability** [FP14, VW08]. **Dependable** [DPCA11, SJW+13]. **dependences** [BKC+13]. **Dependent** [BP99]. **deployed** [RY10]. **deploying** [R+13]. **deployment** [AAB+05b, Bor07, CGV10, SASG13, ZLZ13, ZLV+12, ZBS+15]. **derivation** [MSZ09]. **Derivative** [Pfo13]. **derived** [Int06c]. **Deriving** [HWB03]. **Design** [ACM06a, AC16, Ano03a, Ano03b, fLtNW14, BGS89, Clo85, DAH+12, Das91, Dom80a, DLS+01, GFB+92, JNR12, JJ02, Kut92, LH16, Mar08, OH05, PCW+16, SGGB99, SGGB00, SM02, Sur01, WC01, WCSG05, WP97, XCJ+14, ZSXZ07, AM16, Blu02, BT15, Bur02, CARB10, Car14, DN14, DCA04, GR80, HH05, HH13, Les74, Lia05, MSCK92, Oi05, PMC05, Pul91, SI81, SNV10, SMSB11, SJW+13, Tur84, CMP+07]. **Designed** [HS06, Wu13]. **Designing** [Par79, TGCF08]. **DesignJet** [MSCK92]. **Designs** [DMS02]. **Desktop** [Ano03b, BWD+15, KGG00, CCWY05, WH05]. **Desktopping** [JKB15]. **desktops** [KKJL14]. **Detecting** [CL14, JKDC05, TV12, CWdO+06, LRC05]. **Detection** [CWS12, CLW+14, JHS12, AMA+11, FLM+08, PBYH+08, SIK+16, WCG14, XXZ13]. **detectors** [LMJ07]. **Determine** [BP99]. **Determining** [ZRS+16]. **Deterministic** [KD78, BB12, KM13]. **dev** [Fer11]. **Develop** [DBMI92]. **developers** [Wil06]. **Developing** [HZZ+14, PCR89, R+13]. **Development** [Kna93, Lia05, RT93, Wil01, Bor07, But94, CWG00, Her10, IBM88, Int88, STFH15, TT93]. **Device**

[Ano03a, JKJ+10, Nou92, SGB+16, FFBG08, LU04, SBQZ14, TtLcC13].
Devices
[CXLX15, MV16, SSB03, SVL01, CT03, DPW+09, PDC+12, Rus08, Wal76].
Devirtualizable [LSS04]. **devirtualization** [KJM+07]. **Diagnosing**
[MST+05]. **diagnosis** [PPO14]. **dialect** [BMWB86]. **Diego**
[Ano10, IEE93a, USE99]. **dienste** [WF03]. **Difference**
[GLV+09, GLV+10, Wal10]. **Different** [Nel04]. **differential** [CSS+16].
Differentiated [MSS+15]. **diffusion** [DM93, MM92]. **Digital**
[MBK+92, TLBW12]. **dimensional** [BSSM08, HPcC04]. **DINO** [RSW91].
Direct [MO98, TFtLcC15, BLRC94, LC09a]. **direct-mapped** [BLRC94].
Directed [AJM+06, CSS+16, NG13, RP07]. **Directions** [WC01]. **director**
[KMK10]. **direkt** [LC09a]. **Disaster**
[KKLV16, AAF+09, BGS13, RCOW12, Mar08]. **disaster-recovery**
[BGS13, Mar08]. **disclosure** [FSH+13]. **Discourse** [MBWW86].
discovering [FBZS12]. **Discrete** [YP15]. **Discussion** [G+01]. **disk**
[AAH+03, BC10, DSSP06, DP11]. **disks** [HJ10, hTMAC+08]. **Dispatch**
[DLS+01]. **Distance** [KKLV16, AJD09]. **Distributed**
[Ano10, BBD+91, BDF+99, CLŁS12, Das91, IEE93a, IEE96b, Kim84, LLW98,
LS15, SM02, Vol90, WB81, WIS+15, ZZF06, Ano96, AB16, AFT01, Bir94,
EMI13, Fis91, FF96, FX06, Fu10, KJJ+16, KSLA08, SJB14, SSN12, SGGB99,
SGGB00, SIK+16, VOS12, WKC+09, ZWHC17]. **Distributing** [HHW10].
Distribution [Deu08, Vol90, BTLNBF+15, WRS13]. **Diversity**
[WGLL13, WHD+09]. **DJM** [LLW98]. **DMZ** [Kar07]. **DNA** [Ano03a]. **DNS**
[See10]. **Do** [GW07]. **Does** [BC10]. **Dolly** [CSSS11]. **Domain**
[HHV+02, KLF+15, WK90, BML+13]. **Domain-aware** [KLF+15]. **Domains**
[PNT12]. **dominance** [CPST14]. **done** [Han16, HUL06]. **Don't** [HHPV15].
Dortmund [Müh75]. **DoubleChecker** [BHSB14]. **Down** [JJ91, PBWH+12].
Dozens [War11]. **DPMI** [GMR93]. **drafting** [MSCK92]. **Driven**
[ACM05a, NSJ12, PY93, SV13, TVO92, CSSS11, EdPG+10]. **Driver**
[JXL+12]. **DriverGuard** [CDD13]. **Drivers**
[Chu06, JKJ+10, Nou92, LU04, MSZ09]. **DRM** [WIS+15]. **DRP** [Mar08].
dual [FL13b]. **dual-VM** [FL13b]. **Duality** [FS08]. **dummies** [Low08].
duplication [CLcC13]. **Durham** [Boa90]. **during** [JK13]. **DVFS** [Kam13].
DVM [MSG+12, MSG14]. **Dynamic** [Abr80, BB13, BHI15, DHPW01,
DMG+15, GSN93, Lee16, LB98, LJL+15, MDGS98, NMG15, PTHH14,
SZW+16, TMLL14, TV12, Vac06, WWH+16, WCS09, XSC13, ZFL15,
ZWL09, ABDD+91, BK14, BB12, BB15, BZA12, CSV15, CPST15, GPW03,
HLW+13, HB13, JK13, JYW+13, KRCH14, KJM+07, LMV12, LJL12, Mly09,
PGLG12, WRSvdM11, WRS+15, Wu13, XH90, YWF09, vKF13].
Dynamically [MZG14, BLRC94, BDT13, HH13]. **Dynamics**
[YWCF15, ACT94].

E-Mail [Joo06]. **e-Science** [SGV12]. **e-server** [A+04]. **early** [HLW+13].
early-exit [HLW+13]. **Ease** [Par79]. **eBay** [Joo06]. **ECMA-335**

[ECM01, ECM02, ECM05, ECM06]. **ecological** [KSSG16]. **economic** [CSV15]. **Edge** [BBM+15, Cre10b, Cre10a]. **Edition** [KGG00, LYBB14]. **Editorial** [Sed07]. **Editors** [FDF05, KS08b]. **EDSAC** [CK96]. **Education** [ACM06d, AJD09, DG05, GLA+08, HMS04, DTW07]. **educational** [WDSW01]. **Effective** [LW11, Sto07, WKJ15]. **Effectively** [UR15]. **effectiveness** [Man15b]. **effects** [KCV11]. **Efficiency** [KDB16, KSSG16, PVRR14]. **Efficient** [BHDS09, BKH+06, CWL12, CWH+14, CGV10, DMR10, ECJ+16, EG01, HB13, JGSE13, KJL11, LM99, MBBS13, NSL+06, ORPS09, PCC+16, RSF+15, SHZ+14, WLW+15, WCC+16a, YP15, AAM+16, BHvR05, BB12, BB15, BRIdM10, BHSB14, Car14, CFS+12, DQLW15, DCP+12, EGKP02, FM90, IMK+13, KMT14, OMB+15, PEL11, RZ14, SJRS+13, SSN12, SGV12, SLA+16, SHTE11, WKJ15, XXZ13, YLK+10, ZXW16, ZL13]. **Efficiently** [CWL+15, EGJS15, BKC+13]. **Eighth** [IEE01]. **einem** [See08a]. **Einführung** [CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s]. **Einsatz** [Zim05]. **Einsatzmöglichkeiten** [Zim06]. **Einsatzszenarien** [Sch13a]. **Elastic** [KSO+15]. **Elasticity** [GLS15, OSK15]. **electricity** [LBZ+11]. **Electronic** [MSCK92, ZR06]. **electronics** [BB08]. **Elektronische** [Mar08]. **ELI** [GAH+12]. **elimination** [VED07]. **elliptic** [AGIS94]. **Elmau** [IEE01]. **em88110** [VdlFCC97]. **embeddable** [Web10]. **Embedded** [BHI15, DEK+03, Kut92, Mon97, NKK+06, SMK02, WLW+15, AH12, Caa00, CT03, CGV10, HK07, Ive03, MBBS13, RJK16, RMB02]. **Embedded-System** [Kut92]. **Embedding** [AM16, OMB+15, AO16, BCC+15, CRB12, EMI13, JK15, KKM+13, SZL+14, WHC16]. **EMF** [WIDP12]. **emulate** [tTR82]. **emulated** [THC+14]. **emulating** [VdlFCC97]. **Emulation** [Ano03a, BKMM87, JN15, BB08, CWH+14, GD08, Kam13, YJZY12, Bro89]. **emulations** [Bod88]. **Emulator** [Ano14b, Bru07, CFH+79, CFH+80, CK87, FS11, MZG14, WCC16b, Bar06, KS13, Les74, She02]. **Emulators** [Ert03, HHC+16, Ert05]. **enabled** [SGV12, VOS12]. **enabler** [DPW+09]. **Enabling** [KMK10, OVI+12, TY14, LSS04]. **Encrypting** [Pro00]. **End** [Ram93]. **Energy** [BWD+15, CWL12, DMR10, DQLW15, Do11, EGR15, JJK+11, KC16, KDB16, KCS14, KL14, SZL+14, YLK+10, ZHL16, BAC15, BB12, BB15, BRIdM10, CD14, DP11, FFB+00, GLK+12, GTN+06, KMT14, DPBK16, dOL12, PVRR14, RP07, VW08]. **Energy-Aware** [Do11, EGR15, KC16, SZL+14, CD14, GLK+12, KCS14]. **Energy-Awareness** [ZHL16]. **Energy-credit** [KCS14]. **Energy-Efficient** [DMR10, YLK+10, BB15, BRIdM10]. **Energy-Oriented** [BWD+15]. **Enforcement** [NMMP15]. **Enforcing** [KC12, WZL15]. **'Engine** [Wal10, GLV+09, MO98, GLV+10, J+05, MIS+05]. **Engineering** [IEE84b, ACM01a, McG72, WZV+13]. **Enhance** [GLS15]. **enhancements** [AKK+07]. **Enhancing** [GI12]. **ENIAC** [ZR06]. **ensuring** [Req03]. **Enterprise**

[ADG+92, FPR+06, G+06, LVM16, Hal08, NS07, WH05, Ano03a, Gal11]. **enthüllt** [Joo06]. **Entrepreneur** [War11]. **Entropia** [CCWY05]. **Entropy** [TVO92]. **Entropy-Driven** [TVO92]. **Environment** [BGM70, CL16b, GIK+99, Gen86, GGG03, HW93, IEE06a, J+05, JADAD06a, LW12, Mac79, RT93, TMV12, XSC13, AAB+05b, BH13, CLDA07, CWG00, Don87, GD08, GMR93, Hal09, HL13, JADAD06b, KW13, McG72, MST+05, MPF+06, TMLL14, TT93, Van06, XZZ+16, ZBP05, ZLLL13]. **Environments** [ACM05d, ACM06f, CWL12, GKXK13, HHW10, HKKW13, KGZ+04, SV13, ZZF06, ATS14, BCC+15, BRIdM10, BDK+08, CFVP12, DP11, HOKO14, HC12, KSO+15, KKB14, PSZ+07, SJW+13, SGV12, TRG13, VDO14, WWWL13, XHL+13, YLK+10]. **Error** [XH16, XHL+13]. **Ersatz** [Hin08]. **erstellen** [Zim06]. **Erstellung** [See08a]. **ESA** [GH91a, OJG91]. **ESA/390** [OJG91]. **ESA/XC** [GH91a]. **eServer** [R+02, G+05]. **ESPRIT** [RD90]. **Essentials** [SNS03, MBM09, VSC+10]. **Estimation** [DSM14, KSSG16, LBL16]. **ESX** [AAH+03, D+04, MWHH05, OH05, Rul07, R+02, Zim05, Hal08, MBM09, Wal02]. **ESXi** [GKBB15]. **ET6** [Pul91]. **ET6/1** [Pul91]. **Eucalyptus** [AMA+14]. **European** [ACM04a]. **EUROTRA** [Pul91]. **Evaluating** [De 06, GLK+12, HW93, RCM+12]. **Evaluation** [AD11, CFH+79, CFH+80, DAH+12, HB12, KD78, PZW+07, SHB+03, SHTE11, TFtLcC15, VMBM12, ACM06c, ALW15, DSSP06, FSH+13, GE85, VW08, WKT08, YZW+13, Hin08]. **evaluations** [SJW+13]. **Event** [MV16, YP15]. **events** [LC13]. **everywhere** [Tre05]. **Evil** [HCJ07]. **Evolution** [HH79, Kim84, SLM89, SL16, AGSS10, CD01, GBCW00, Kro09, WIDP12]. **Evolutions** [BAL15]. **evolving** [Ano96, FF96]. **examination** [HN08]. **Examining** [NL00]. **Excelsior** [MLG+02]. **exception** [Sal92]. **exceptions** [Ven97b]. **exclusion** [SGS92]. **Executable** [MP01]. **executing** [ACT94, Lot91]. **Execution** [ACM05d, ACM06f, HWB03, KGZ+04, MM93, MO98, PY93, RT93, SV13, vLSM01, AS76, AAB+05b, BFC02, BDK+08, CLDA07, Fre05, GCARPC+01, OJG91, SM01, TT93, ZL13]. **Execution-Driven** [PY93]. **executions** [KM13]. **Exercise** [Lee86]. **Existing** [JMSLM92, LTT92]. **exit** [HLW+13]. **exitless** [AGH+16]. **exokernel** [Cof99]. **Expansion** [Par79]. **Experience** [San88, RM03, CARB10, CBLFD12, RSC+15, TGCF08]. **Experiences** [NV05, SCD90, Tsa14, CMP+07]. **Experimental** [Bro89, ACM06c, FSH+13, HL13, SS72]. **Experimenting** [Taf11]. **experiments** [Ker88]. **Expert** [Hee07]. **ExpEther** [NMS+14]. **Explaining** [YYL+15]. **Exploitation** [SSMGD10]. **Exploiting** [CRZH15, EdPG+10, GLS15, YTS14, WTLS+09]. **explorative** [AHK+15]. **explore** [Fit14]. **Exploring** [SE12, SIdLB15, YBZ+15]. **Expo** [Ano06a]. **Express** [Ng01a, Ng01b]. **Expression** [Cox07, Cox09, Cox10, Cox12, Wat86, Wat87, Tho68]. **Expressions** [KP99]. **Extended** [DC15, Gum83, IBM88]. **Extending** [CT03, DLM+06, PTHH14, YTY00]. **Extensible**

[FLCB10, DCA04, YJZY12]. **extension** [DCP+12]. **Extensions** [Fis01, SCP93]. **EXTERIOR** [FL13b]. **external** [FL13b]. **ExtraVirt** [LRC05]. **extreme** [NOR15]. **eye** [Guy14].

FACILE [GMP89]. **Facilitating** [cCWS14, SWcCM12]. **Facilities** [Gum83, GH91a, MN91]. **Facility** [MLA83, SM90, SZ88]. **facto** [Rus08]. **Fad** [Fra98]. **Failure** [Fu10, MSI+12]. **Failure-aware** [Fu10]. **Failures** [YYL+15, PBYH+08]. **Fair** [CL15, GLLJ16, RZ14]. **Falle** [Mar08]. **familiarized** [Ame13]. **Farms** [Do11]. **Fast** [CSS+13, CLW+14, Cox07, Kou11, PEL11, ZLW+14, KMMV14, KJLY15, MSZ09, SK13b, SV15]. **Fast-Spreading** [CLW+14]. **FAStT** [D+04]. **Fault** [FK03, JKJ+10, Kim84, YWR+14, YYL+15, ZJXL11, SNV10, YLH14]. **Fault-Tolerant** [FK03, Kim84, YWR+14, SNV10]. **faults** [LRC05]. **FCP** [SAB+07]. **Fe** [ACM00]. **feather** [YGN+06]. **feather-weight** [YGN+06]. **feature** [Bag76]. **Features** [Gal11, Bau06b, Bau06a, IT86]. **featuring** [Wil06]. **February** [Ano10, USE01b]. **federated** [AO16, CFVP12, dCCDFdO15]. **federation** [LWLL16]. **Fedora** [HH08]. **feedback** [NG13, ZBG+05]. **feedback-control** [ZBG+05]. **feedback-directed** [NG13]. **FGP** [FG91]. **FHPCN** [M+06]. **Field** [BBM+15, KNT02]. **Fifth** [ACM75, IEE96b, USE99, IEE04]. **File** [AEMWC+12, AvMT11, Li14, SNC91, ZZF06, FFBG08, HC12, Int06c, SBQZ14, Vag10, WH08, WF07]. **filling** [HUWH14]. **final** [Pul91]. **find** [Fab13]. **finding** [Bod88]. **Fine** [BSSS14, CHW12, CDD13, PG11, WJGA12, YTS14]. **fine-grain** [WJGA12]. **Fine-Grained** [BSSS14, CHW12, CDD13, PG11, YTS14]. **Firefly** [KC16]. **Firefox** [Joo06]. **Firewall** [TMV12, JES+15]. **firmware** [ABB+15, MSCK92]. **First** [ACM05d, IEE84b, LCWB+11, MNS+14, ZR06, SHB+03]. **First-Class** [LCWB+11]. **Fixed** [Lam75, Bod88]. **flash** [Pat12]. **Flexibilities** [LS15]. **Flexibility** [BSI+15, FPS+02]. **Flexible** [AvMT11, vMAT14, CARB10, TGCF08]. **Flow** [WJ10, BK14, BKH+06, FLL+13, GE85, YKS16]. **Flows** [CDD13]. **folding** [CPST14, Oi06]. **Forecast** [CWL12, TMLL14]. **Forecasting** [PCW+16, KSSG16]. **Forensics** [HN08, ZXY+15]. **Formal** [BDJdS02, BN75, CH78, Dom80b, JE12, Jen79, MP01, PG74, Qia99]. **Formalism** [UOKT84, Pul91]. **Formalizing** [HM01]. **formation** [HLW+13]. **FORSETI** [CSV15]. **FORTH** [Mar81, Kna93, Ode87]. **FORTRAN** [IBM88, Int88]. **Forum** [CS76, DM76, Fra83, GHF83a, GHF83b, WNL+83, DHPW01, GPW03]. **Forward** [Uhl06, YK13]. **foundation** [OJG91]. **Foundations** [Hog08]. **Four** [QNC07]. **Fourth** [Ano03b, MS91b]. **Fourth-Generation** [Ano03b]. **FPGA** [GP13]. **Frame** [WH99]. **Framework** [GH91b, JXL+12, KCWH14, KAJW93, LWLL10, PST+15, SZW+16, TMV12, ZFL15, Ame13, AC16, BB15, CD14, Fre05, JSK+13, Kag09, KKM+13, KJJ+16,

NB11, RSC+15, SJRS+13, SIK+16, STY+14, WHC16, ZXW16, ZS01, ZSR+05].
frameworks [AGH+15b, HZZ+14]. **France**
[ACM90, ACM05b, Jou85, JPTE94]. **Francisco** [ACM06a, USE02]. **Free**
[Ano03a, BRX13]. **FreeDOS** [WF03]. **French** [Apr09]. **frequency** [Kam13].
Friendly [ZBG+05]. **Front** [Ram93]. **Frontiers** [ACM06e, M+06]. **Full**
[HHC+16, MCE+02, Sch13b, YKS16]. **Function**
[LLW+16, RKRK17, ALW15, BCC+15]. **Functional**
[ACM90, Dan86, GMP89, Ame13, Jou85]. **Functions**
[DL89, TF16, FJKK17, QZDJ16]. **funfte** [Müh75]. **funnel** [LMV12]. **Fusion**
[Kis08]. **Future**
[Her06, KS08b, RG05, Sup04, AH12, Bau05, Ros14, Str13, Yur02, SIJPP11].
Fuzzing [KLF+15]. **Fuzzy** [Hu90, LZ15, FLM+08]. **FWNs** [SIJPP11].

G [ALW15]. **game** [FK13, GLLJ16]. **games** [WKC+09]. **Gaming** [ZQCZ16].
Gap [DGLZ+11, FL13a, ZLHD15]. **gaps** [HUWH14]. **Garbage**
[ADM98, DS16, GTS+15, Sch13a, SHB+03, DEE+16]. **Gast** [WF03].
Gast-Systeme [WF03]. **Gateway** [CCO+05]. **Gateways** [DW14]. **gather**
[Wol99]. **GC** [HHPV15]. **GCompris** [CK06t, CK06r, CK06s, CK06q].
GCTrees [DS16]. **GDB** [MZG14]. **gehärteten** [See08a]. **Geiger**
[JADAD06b]. **Gelato** [Ano06a]. **Gene** [SSU+12]. **Gene/P** [SSU+12].
General [GFB+92, LSS04, SS72]. **General-Purpose** [GFB+92].
Generation [Ano03b, AC98, BDF+99, CF00, GFH82, MZG14, PG74, EL98,
IIK+06, LLS+12, Sus76, Web10]. **generational** [WK08]. **generator**
[ABDD+91, EGKP02]. **Generators** [Fra83, GHF83a, GHF83b, WNL+83].
Generic [MM94]. **generics** [Int06a]. **George** [ACM03b]. **Georgia**
[USE86, USE00a]. **German** [Joo09, Bec09, Bod10, CK06a, CK06b, CK06e,
Fis09, Lar09, Sch13a, Spr07, WR07]. **Germany** [RM03, GHH+93, IEE01].
get [Ame13]. **gets** [Rou07]. **Ghost** [Arc07]. **GI** [Müh75]. **Giants** [FS12].
GKLEE [LLS+12]. **Global** [LLW98, Sta97]. **GloudSim** [DC15]. **GNAT**
[CDG97, MB98, Shi03]. **go** [LWB+15]. **goes** [RY10]. **going** [McK11]. **good**
[RY10]. **Google** [Cox12, Joo06, DC15]. **Goto** [Abr80]. **GPGPU** [TY14].
GPU [DS09, MNS+14, NMS+14, RSC+15, SCSL12, SKYK16, YLWH14].
GPU-Accelerated [SCSL12]. **GPUDirect** [YWCF15]. **GPUs** [LLS+12].
GPUvm [SKYK16]. **GRACE** [M+06]. **gradient** [MM92]. **Gradual**
[RSF+15]. **grain** [WJGA12]. **Grained**
[BSSS14, CHW12, CDD13, PG11, YTS14]. **grammar** [FS89]. **Grande**
[ACM01b, DHPW01, GPW03]. **Grande/ISCOPE** [ACM01b]. **granularity**
[LLS14]. **graph** [Syr07, YTS14]. **graphic** [Wal76]. **graphical** [Bur02].
Graphics [Ano03b, JXL+12, ME87, Sus76]. **Graphs** [Lee16, Bod88]. **gray**
[WSVY09]. **gray-box** [WSVY09]. **Greedy** [NMG15]. **Green**
[KL14, LLW+12, LJL12, WZV+13, YLHJ14]. **Green-Energy-Aware**
[KL14]. **Greene** [War11]. **Greener** [BH13]. **Grenoble** [ACM05b, JPTE94].
Grid [ACM05b, IEE04, SEF+06, TLC06, ZZF06, vLSM01, Rob06, SJW+13,
SGV12, ZBP05, AKK+07, CCO+05, KGZ+04, LP14, WKT08, ZBP07].

Grid-Based [vLSM01]. **GridGIS** [M+06]. **grids** [CCWY05, GTN+06]. **Group** [Boa90, Sof83, CKP78, ZLH+15]. **growth** [LDL14]. **GSX** [Zim05]. **GTP** [M+06]. **Guarantee** [LZ15]. **Guaranteeing** [LZW+15, YWR+14, ZRS+16]. **guarantees** [MSG01, ZHCB15]. **Guest** [CCML12, ABG14, FL13b, LD11, MSZ09, XHCL15, FDF05, KS08b]. **Guest-Assisted** [CCML12]. **guest-OS** [FL13b]. **GUI** [PW03]. **guidance** [JSK+13]. **Guide** [Ame13, BBD+91, Bas04, Bas06, Gal09a, Oak14, OH05, Chi08, IBM88, Int88, IBM94, KSS09, KS10, MDD+08, MIS+05, RR09, TC10, War02, Wes98]. **guided** [HLW+13].

H [JAS+15, Wel02]. **H-SVM** [JAS+15]. **hacking** [Spi06]. **Hadoop** [ZRD+15]. **Handbook** [Bod10, Fis09, War05, Joo09]. **Handbuch** [Joo06, WF03, Bod10, Fis09, Joo09]. **handler** [Sal92]. **handles** [Ven97b, Ven97c]. **Handling** [SB16]. **hands** [MDD+08]. **hands-on** [MDD+08]. **Harbour** [MR91]. **Hardware** [AE01, CWS12, Cla97, HHV+02, HWF07, Hsu01, JSHM15, JAS+15, KAJW93, LH16, Mac79, NSL+06, OT97, PvDS08, SYB12, WCS06, vD06, AA06, AJH12, BHDS09, CBGM12, FP14, HH13, HP77, KW13, KJM+07, Oi05, Oi06, Oi08, PGLG12, PBB13, RPE12, SE12, TO96, WZW+11, XZ11, YJZY12]. **Hardware-Assisted** [JSHM15, JAS+15, AJH12]. **Hardware-Based** [PvDS08, KJM+07]. **hardware-translation** [Oi06, Oi08]. **Hardware/Software** [KAJW93, LH16, HH13, HP77, WZW+11]. **Harmful** [NMHS15, WC01]. **HARNESS** [BDF+99, GIK+99, MDGS98]. **harnessing** [GLV+10]. **hash** [SV15]. **hash-array** [SV15]. **Hawaii** [MS91b, Shr89]. **HBench** [ZS01]. **header** [VED07]. **Healing** [BHI15]. **Health** [ZL16]. **heap** [CSV15, CH08, LDL14, LLS+08, WSAJ13]. **hedging** [RY10]. **Helix** [Ano03a]. **help** [Car14, Men03]. **HEP** [Dun86]. **Heterogeneity** [GLS15, XLJ16, WCS09]. **Heterogeneous** [GIK+99, OVI+12, Bac11, CDM+10, GTGB14, GCARPC+01, KKB14, LZW+15, NRS92, PMC05, SWC08, ZLLL13]. **HeteroVisor** [GLS15]. **Heuristic** [XH90, CD14, KMT14]. **heuristics** [ATS16, BB12, Man15b]. **HI** [Shr89]. **HICAMP** [CFS+12]. **hidden** [CWdO+06, WQG15]. **Hiding** [CLS07]. **Hierarchical** [DM75, YWF09]. **Hierarchy** [SBK15]. **High** [ACM98, ACM04b, Bad82, CW03, DMS02, DYL+12, Han16, Hog02, IEE96b, IEE06a, KCWH14, KMM13, LCK11, LMG01, LJZ12, LHAP06, MLG+02, RCM+12, RB01, SD01, SCSL12, SV13, Vog03, WQG15, WCC16b, YWCF15, AAF+09, Ano96, BML+13, DQR+13, EMS15, FF96, Fu10, G+01, GTN+06, GBCW00, LBZ+11, LM99, LMG00, LDL+08, MUKX06, M+06, MRC+13, RQD+17, SB10, SPF+07, WXW15]. **High-Assurance** [LJZ12]. **high-availability** [Fu10, LDL+08]. **high-bandwidth** [WXW15]. **High-Level** [DMS02, RB01]. **High-Performance** [ACM98, IEE06a, KCWH14, LMG01, SD01, SCSL12, WCC16b, Han16, Hog02, LM99, LMG00, MUKX06, SPF+07]. **high-performing** [GBCW00].

Higher [BW03]. **Highly** [KD78, ZFL15, CARB10, GI12, GVI13, TGCF08]. **Hilton** [IEE90b]. **HipHop** [AEM+14]. **histograms** [CL14]. **HITAC** [KAH83]. **HIVE** [Tay76]. **HLA** [LCT+15]. **HLA-Based** [LCT+15]. **hold** [Yur02]. **Holders** [War11]. **Home** [DW14, See08b]. **hones** [Won97]. **honeypots** [ALL06]. **Hood** [Ven96, Ven97b, Ven97c, Ven97d]. **Host** [CLW+14, QNC07, LMJ07, TB14]. **Host-Based** [CLW+14, LMJ07]. **Hosted** [SVL01, CBLFD12, CKT08, DS09]. **hosting** [RQD+17]. **Hosts** [BB13, Bau06c, CLL+13, TtLcC13]. **Hot** [IEE96a, IEE97, IEE99, IEE01]. **Hotel** [USE01a]. **HotOS** [IEE01]. **HotOS-VIII** [IEE01]. **Hotplug** [LJL+15]. **HotSpot** [Sch13a, Arm98, HHV+02]. **HotSpot**^{TM} [RB01]. **Houston** [ACM06d]. **HP** [BKMM87, MSCK92]. **HPC** [M+06, HCJ07, JQWG15, PNT12]. **HPC-GTP** [M+06]. **HPC.NET** [Vog03]. **HPCC** [DF96]. **HPCS'06** [IEE06a]. **HSPT** [WLW+15]. **HSSM** [Wel02]. **Huge** [Got07]. **HVMs** [CBZ+16]. **HW** [Wu13]. **HW/SW** [Wu13]. **Hybrid** [KCWH14, PST+15, WGLL13, FX06, LQW+12, YWGH13, ZGW+06, Gua14]. **Hyper** [Gal09b, Lar09, LC09a, WXW15, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. **hyper-space** [WXW15]. **Hyper-V** [Gal09b, Lar09, LC09a, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. **Hypercubes** [HO92]. **HyperMonitor** [XZ11]. **HyperSafe** [WJ10]. **hypertext** [Alf91]. **Hypervisor** [BAL15, CL16a, JSHM15, JAS+15, SJV+05, SKYK16, WJ10, ABG14, BBD+10, Chi08, DN14, MSZ09, RSLAGCLB16, Ste14, SL12, KSS09, KS10]. **Hypervisor-Based** [BAL15]. **hypervisor-secure** [SL12]. **Hypervisors** [Rev11, SPF+07]. **HYVI** [Gua14].

I-Caching [MM93]. **i.e** [Müh75]. **I/O** [RM03, AJM+06, AD11, ABG14, ABB+15, BMS16, BHEP14, CWH+16, CDD13, CRZH15, DCP+12, DS09, GAH+12, HB12, KS08a, KMN+16, LHAP06, NsP16, PST+15, Rus08, SBQZ14, SVL01, TtLcC13, VW08, WR12, ZSR+05]. **IA** [Ano14b, De 06, Don06]. **IA-32** [Ano14b]. **IA-64** [De 06, Don06]. **IaaS** [GLLJ16, KDB16, PPO14, ZLHD15]. **IAS** [FS11]. **IAS/von** [FS11]. **IASSim** [FS11]. **IASTED** [Ano99]. **iAware** [XLL+14]. **IBM** [ADG+92, A+04, ABDD+91, ABB+15, Ber86, B+05, Bri98, D+04, GBO87, G+06, G+05, Kam75, MIS+05, Mly09, P+08, R+06, R+02, SZ88]. **IBM/360** [Kam75]. **ICE** [Ano06a]. **ICL** [HP77, Kee77]. **ICTree** [FBZS12]. **ID** [SIJPP11]. **ID/Locator** [SIJPP11]. **IDE** [Ano03a]. **idea** [BBS06]. **Identifying** [MD12]. **Idiom** [KKM+13]. **Idle** [DEE+16, SBK15]. **ie** [MC93]. **IEEE** [ACM04b, ACM06a, IEE90a, IEE91, IEE02, IEE03, IEE04]. **IEEE/ACM** [ACM04b, IEE04]. **Igniting** [ACM03a]. **II** [Cre08a]. **IJCAI** [MR91]. **IJCAI-91** [MR91]. **ILDJIT** [CARB10]. **Illinois** [ACM05d]. **illuminating** [BK14]. **im** [KGG00, Mar08, Zim05]. **IMA** [XHCL15]. **Image** [AD11, CWH+16, EF94, NSJ12, IM93, XZZ+16, ZXW16]. **Image-Content-Aware** [CWH+16]. **Images** [Li14, XJWW15]. **iMeter**

[YZLQ14]. **iMIG** [LZL+15]. **immutable** [SV15]. **Impact** [Ros06, BT15]. **Impasse** [APST05]. **Imperative** [LFBB94]. **implement** [Sig89]. **Implementation** [fLtNW14, BBD+91, DAH+12, DJ77, DLS+01, Hal79, JR02, JJ02, KR94, MD12, MN91, NsP16, Rev11, SGS92, SCD90, Sur01, TVO92, TO96, TFtLcC15, UOKT84, WLW+15, War80, YLWH14, ZSXZ07, AFT01, ANH00, Blu02, BT15, CKP78, DN14, DJ76, DCA04, IT86, JNR12, Lav10, MJ93, Sch09, SJW+13, SGGB99, SGGB00, Taf11, WW77, XCJ+14, Lee86]. **Implementations** [SVB93, AEMWC+12, CSS+16]. **Implementierung** [Mar08]. **Implementing** [CTS+93, D+04, LFBB94, Tai98]. **Implications** [RM03, GTN+06, Pat12, RVJ+01]. **important** [CK06b]. **Improve** [GKXK13, GKBB15, KDB16, SAT09, YWGH13, YQZ14]. **Improved** [War80, BTLNBF+15]. **improvement** [YLH14]. **Improving** [AWR05, BHEP14, CFG+13, HXZ+16, HLW+13, JKB15, KL13, LCT+15, LBL16, OSK15, RSC+15, RSLAGCLB16, WKJ15, GVI13, HC12, JYW+13, OL13, UTO13]. **IMSA** [Ano99]. **in-kernel** [Uhl07]. **In-Memory** [TF16]. **In-VM** [LWLL10]. **including** [B+07, CGW07, WG07]. **Incorporating** [GH91b]. **Increasing** [LWLL10]. **Independent** [DHPW01, KAH83, USE93, GPW03, PW03, PFH+16]. **Index** [Cox12]. **indexed** [JYW+13]. **Indirect** [tTR82, CEG07, EG03, JYW+13, KJM+07]. **individual** [LWLL16]. **Inferno** [WP97]. **influence** [Mly09]. **Information** [CAF+91, IEE93a, Int05a, Int05b, Int06b, Int06c, Int06a, SS75, SS05, Ano93, LC09a, MD73, MD74]. **Informed** [HKKW13]. **Infragistics** [Ano03b]. **Infrastructure** [ECM01, ECM02, ECM05, ECM06, Int05a, Int05b, Int06b, Int06c, Int06a, McC08, MJW+06, Nel04, NKK+06, OG16, XH16, AO16, AMA+14, BDS+09, Car14, Hal09, HH13, J+05, KSRL10, Low08, dOL12, MR04, PW03, RSF03]. **InkTag** [HKD+13]. **Innovation** [ACM03a]. **innovations** [ABB+15]. **input** [Wal76]. **insider** [LC09a]. **Insiderinformationen** [LC09a]. **insiders** [KSS09, KS10]. **Insights** [Rev11]. **Installation** [Bec09, Bor01, KGG00, Lar09, WF03, Zim05, Zim06, MIS+05]. **instance** [KCKC15]. **instances** [ZG13]. **Instant** [HPP15, Joo06]. **Instruction** [Oi06, HW15]. **instructional** [DSSP06, DTW07, WO75]. **Instructions** [Qia99]. **Instrumentation** [ZFL15, BZA12]. **Instrumenting** [MZG14]. **Instruments** [BPB86]. **integer** [YTY00]. **integer-reference** [YTY00]. **integrated** [CWG00, YZLQ14]. **Integrating** [JMSLM92, LTT92, LCL14]. **Integration** [GMP89, Ame13]. **integrierten** [Deu08]. **Integrity** [CW03, DM75, (Fo71, (Fo78, QT06, WJ10, CS76, XHCL15]. **Intel** [AJM+06, CMP+07, DLM+06, Don06, NSL+06, NKK+06, RSW+06, RI00, UNR+05, Uhl06]. **Intelligence** [MR91, JNR12]. **Intelligent** [GH91b]. **intelligente** [PO09]. **IntelliJ** [Ano03a]. **intensive** [IKU15, VVB13]. **Inter** [cCWS14, RLZ+16, BML+13, CBZ+16, SWcCM12, VOS12]. **Inter-Application** [cCWS14, SWcCM12]. **inter-connectivity** [VOS12]. **inter-domain** [BML+13]. **Inter-Virtual-Machine** [RLZ+16]. **inter-VM**

[CBZ+16]. **interact** [EGD03]. **Interacting** [SK13a]. **Interactions** [cCWS14, SWcCM12]. **Interactive** [LD05, MLA83, SSG90, Ber86, HMS04, KKJL14]. **Interconnect** [RCM+12]. **interdependencies** [LBF12]. **Interface** [Cro93, SH04, Sun95a, Guz01, HP77, VL00]. **Interfaces** [Mac79, PST+15]. **Interfacing** [MC93]. **Interference** [NBH08, XLL+14, XLJ16, ZRD+15, HL13, gKEY13, SS13, VVB13]. **Interference-Aware** [XLL+14, XLJ16]. **Interferences** [ZRZY15]. **InterLISP** [II79]. **internal** [SI81]. **International** [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99, BW03, IEE84b, IEE85, IEE93a, IEE96b, IEE02, IEE03, IEE04, IEE06b, IEE06a, LCK11, MS91b, MR91, Ost94, SS05, Shr89, Tho93, TLC06, ACM06c, JPTE94, M+06, HHK94]. **Internet** [Ano99, CK06b, KGG00, APST05, Ano03a, CHCC07, CK06b, CK06e, LLW98, Mon97]. **Internetkommunikation** [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f]. **Internetprogramme** [CK06b]. **Internetprogrammen** [CK06e, CK06c, CK06d, CK06g, CK06f]. **interoperability** [Men03]. **interoperable** [KKB14]. **interposed** [ZSR+05]. **Interpreter** [SMK02, Ber86, KMMV14]. **interpreter/graphic** [Ber86]. **interpreter/graphic-simulator** [Ber86]. **Interpreters** [EG01, CEG07, EGKP02, EG03, Ert05, ZLBF14, Ert03]. **Interpreting** [Han05]. **Interpretive** [AS76, OJG91]. **interpretive-execution** [OJG91]. **Interrupt** [CL16a, TFtLcC15]. **interrupts** [AGH+16]. **Intranet** [Ano03a]. **Intrinsics** [PSBG11a, PSBG11b]. **introduce** [MS01]. **Introduction** [A+04, CK06a, CK06b, CK06e, FDF05, KS08b, Sch94b, Sch94a, Wün13]. **introductory** [BR01, Don88]. **Introspection** [CCML12, CLcC13, DGLZ+11, FL13a, NBH08, Pfo13, SIdLB15, WWMG06, FL13b, HN08, HcC14]. **Introspection-based** [CLcC13]. **intrusion** [AMA+11, LMJ07]. **intrusions** [JKDC05]. **intrusive** [ZXY+15]. **Invariants** [PEC+14]. **invocation** [Ven97c]. **IOMMU** [YWCF15]. **IOV** [DYL+12, DCP+12, HB12, YWCF15]. **IP** [AM16, CF00]. **Iron** [Ano05]. **IronGrid** [Ano03b]. **irregular** [AC16]. **ISA** [CWH+14, DZ02, WLW+15, WCC16b]. **Ischia** [ACM06e]. **ISDF** [M+06]. **ISDN** [KGG00]. **ISO** [Int05a, Int05b, Int06b, Int06c, Int06a]. **ISO/IEC** [Int05a, Int05b, Int06b, Int06c, Int06a]. **Isolated** [Jen79]. **Isolation** [WZL15, Cza00, MD73]. **ISPA** [M+06]. **ISPAN** [HHK94]. **ISSTA** [Ost94]. **Issue** [KM13, Yur02]. **Issues** [AD11, KS08a, PZH13, SEF+06, Tur84, AGH+15a, BB08, PBB13]. **Italy** [BW03, M+06, ACM06e]. **Itanium** [Ano06a]. **Itanium-based** [Ano06a]. **iterators** [ZLBF14]. **IV** [Int06c]. **IVME** [Ert03]. **IX** [IEE97].

J [AC98]. **J2EE** [JDJ+06]. **J9** [WKJ15]. **Jahrestagung** [Müh75]. **Jalapeño** [AAB+00]. **January** [ACM99, IEE93a, Shr89, USE01b]. **Japan** [HHK94]. **Java** [ACM98, ACM01b, Ano00, Ano01a, Ano01b, Ano02, Ano03a, Sch13a, USE01c, USE01d, USE02, Wol99, ADM98, Ame13, Ano97a, Ano97b, Ano03b,

AFT01, ABC+07, AC98, ANH00, BDF+98, BHDS09, BD01, BP01, BP03, Bri98, Caa00, CW03, CT03, CH08, Cla97, Coh97, CDG97, Cra98, Cza00, Dalxx, Dal97, DHPW01, DEK+03, DBC+00, DCA04, DLS+01, EGD03, Eng99, EL98, Eug06, FFB+00, Fra98, FK03, G+01, GGG03, GCARPC+01, GPW03, GBCW00, HT98, Han05, HM01, HOKO14, HWB03, HB08, Ive03, JR02, JJ02, Juo07, Kal97, KS13, LM99, LMG00, LB98, LV99, LY97a, LY97b, LY99, LYxxa, LYxxb, LYBB13a, LYBB13b, LYBB14, MSG01, MO98, Men03, MD97, MDxx, MLG+02, MB98, Mon97, MP01, NG13, OT97, Oak14, Oi05, Oi06, Oi08, PTHH14, PRB07, Qia99, RVJ+01]. **Java** [RHR02, Ran02, R+13, Req03, SMK02, SSB+14, SD01, SE12, SH04, Sch13a, SSMGD10, Set13, SMSB11, SSB03, Shi03, SM01, SGV12, Siv04, Smi97, SSB01, SHB+03, Sun95b, Sun95a, SUN97, JCV99, Sun99, STS+13, SM02, Sur01, Tai98, Tol98, TO96, UBF+98, UR15, Van98, Ven97a, Ven97b, Ven97c, Ven97d, Ven99a, Ven99b, VED06, VED07, VL00, WL96, WGF11, WH99, Wes98, Wol99, Won97, WWMG06, YC98a, YC98b, YME05, Yel99, YTY00, ZP14, ZS01, vLSM01]. **Java-based** [HOKO14, KS13, YC98b]. **Java/CORBA** [GCARPC+01]. **JavaCard** [BDJdS02]. **JavaScript** [AHK+15, CBLFD12]. **Java**^{TM} [LMG01, SMES01, CF00, RB01, vD00]. **Javy** [GGG03]. **JCloudScale** [ZLHD15]. **JDMM** [ZP14]. **JET** [MLG+02]. **JetBrains** [Ano03a]. **jetzt** [KGG00]. **Jikes** [AAB+05a]. **Jini** [JJ02]. **JiST** [BHvR05]. **JIT** [JK13, PFH+16]. **JIT-based** [PFH+16]. **JITs** [KRCH14]. **JN** [Mon97]. **JnJVM** [TGCF08]. **Job** [MNT14]. **John** [IEE06a]. **Joint** [WZV+13]. **Jointly** [LWL16]. **Jose** [Ano04b]. **journaling** [HC12]. **JP2** [SSB+14]. **JPDA** [Sun99]. **JS** [AHK+15]. **judgment** [CSV15]. **July** [IEE06b, Sof83]. **June** [ACM90, ACM01a, ACM01b, ACM05d, ACM06f, IEE85, USE85, USE86, USE01a, USE06]. **JVM** [Ano00, Ano01a, Ano01b, USE01c, USE01d, USE02, AC16, CSS+16, Guy14, R+13, SV15, Sub08, Sub11, Ven99b, DBC+00]. **JVMPI** [Sun95a]. **JVMs** [BK14].

K. [Sch94a]. **Kailua** [Shr89]. **Kailua-Kona** [Shr89]. **Kaleidoscope** [LFBB94]. **Kanazawa** [HHK94]. **Kanotix** [CK06c, CK06h, CK06l, CK06r, CK06h]. **Karlsruhe** [RM03]. **KDE** [KGG00]. **Keeping** [NP13]. **Kernel** [FL13a, JJ91, KZB+90, SM90, SYB12, TY14, WLMD16, LWM14, Uhl07, VMBM12, KM13]. **Kernel-based** [TY14, KM13]. **Kernelized** [WCC16b]. **kernels** [HPHS04, RMB02]. **Key** [TF16, DPW+09]. **Key-Value** [TF16]. **Kinder** [CK06q, CK06t, CK06r, CK06s]. **Kingdom** [Vra05]. **kit** [Car06, LC09b]. **knob** [BR01]. **Knoppix** [CK06d, CK06i, CK06m, CK06s, Deu08, CK06i]. **knot** [LBF12]. **Knowledge** [FG91, IT86]. **Kochbuch** [PO09]. **kompletten** [Mar08]. **Kona** [Shr89]. **Konfiguration** [Bor01, Lar09, WF03, Zim06]. **konfigurieren** [RHM08]. **Konsolidierung** [See08a]. **Konzept** [Dal97]. **Konzepte** [Tho08]. **Konzeption** [Zim06]. **KScalar** [MRL02]. **Kubuntu** [CK06e, CK06j, CK06n, CK06t, CK06e, CK06j]. **Kuck** [War11].

Kundenserversystemen [See08a]. **KVM** [Deu08, Hin08, DN14, GLC84, LZL+15]. **KVM/370** [GLC84]. **KVM/ARM** [DN14].

L [Lot91]. **lab** [AL05, HMS04]. **laboratories** [DTW07]. **Laboratory** [Kim84, SVN+10]. **Labs** [See08b]. **Lagrangian** [GR15]. **Lagrangian-based** [GR15]. **Lake** [ACM03b]. **Lambda** [Wat86, Wat87]. **land** [Tsa14]. **Landing** [ACM03b]. **Language** [CDM+10, ECM01, ECM02, ECM05, ECM06, Hog08, Int05a, Int05b, Int06b, Int06c, Int06a, Kam83, Luc97, MR04, PW03, PFH+16, RSF03, SVB93, SUN97, WIDP12, Arv02, Ber86, BD01, BMER14, DH01, Don88, Hog06, IT86, Juo07, KRCH14, Les74, MD12, MC93, PRB07, RJK16, RSW91, SKC73, SMO84, Taf11, Tai98, WCG14]. **Language-independent** [PFH+16]. **language-level** [WCG14]. **Languages** [BS90, Dan86, KP99, LFBB94, PTHH14, SSG90, Tol98, ACM99, BDT13, Jou85, PMC05, Sus76, TB14, Wel02, Wu13, YWF09]. **LARD** [WCG14]. **Large** [DK93, GKBB15, PHL+12, SLM89, XDLS15, ZSXZ07, ZLW+14, BLRC94, DK75, LPD+11, Nie12, Req03, SZ13, SHTE11]. **Large-Scale** [PHL+12, SLM89, XDLS15, ZLW+14, SZ13]. **Latency** [MV16, IMK+13, ZSW+06]. **Later** [FS12]. **layer** [BTLNBF+15, RSLAGCLB16]. **layered** [PSC+07]. **layering** [YWF09]. **leadfoot** [HHPV15]. **lean** [SV15, Ven96]. **Learning** [BRX13, KRG+12]. **legacy** [LU04]. **LegoSim** [RMB02]. **Lern** [CK06q, CK06t, CK06r, CK06s]. **Lern-** [CK06q, CK06t, CK06r, CK06s]. **Lernprogramme** [CK06k, CK06m, CK06l, CK06n, CK06o]. **Lernprogrammen** [CK06k, CK06m, CK06l, CK06n, CK06o]. **Lessons** [RM03, LJZ12, Rob06, HMS04]. **Leuven** [ACM04a]. **Level** [AC16, cCWS14, Chu06, DMS02, RB01, SV13, ZSR+05, ZQCZ16, AL05, BSM+12, But94, Cia07, EGD03, FLCB10, IM75, JHE14, SVN+10, SWcCM12, SSG90, WF07, WCG14, ZLZ13]. **Leveraging** [LDL+08, Pfo13, WHD+09, ZL13, AJD09, ZBG+05]. **Libraries** [DK93, Int05b, Won97]. **Library** [Cro93, PBWH+12]. **libvirt** [Ano14c]. **Life** [ZR06]. **Lifetime** [WJ10]. **light** [HB08]. **light-weight** [HB08]. **Lightweight** [ABV12, CXLX15, Ran02, VN06, WJ10, YME05, vMAT14, AMA+11, DQR+13, RQD+17, SSU+12, TB14, XZ11]. **Like** [Abr80]. **LILA** [Dan86]. **Limbo** [Luc97]. **limited** [CH08]. **Limits** [vKF13]. **linguistic** [UR15]. **link** [CRB12, JK15]. **LINUX** [KGG00, Ano06a, CK06a, CK06b, CK06g, CK06f, CK06i, CK06h, CK06j, CK06o, CK06p, G+06, Mar08, USE00a, WF03, Bau05, Bau06c, BBHL08, Ble10, Bor01, CK06a, CK06b, Com00, Com03, DN14, Dav04, Fab13, G+06, MZG14, NV05, P+08, Ros14, Spr06, Spr07, VMBM12, Wün13]. **Linux-Server** [Mar08]. **Linux/OSS** [Ble10]. **Liquid** [Li14]. **LISP** [ACM90, CK87]. **List** [TT96]. **List-based** [TT96]. **LITL** [Lam75]. **little** [Men03, YYPA01]. **Live** [CCZ+06, Deu08, ECJ+16, JDW+14, KKLV16, LZL+15, LJL+11, SHW+15, XLL+14, ZRS+16, ZXY+15, AS14, BAC15,

BB08, FGLI15, HLW+10, HDG09, JKK+13, JGW+11, JGSE13, PDC+12, SSL+13, SLA+16, SHTE11, TDG+06, WRSvdM11, WRS+15, ZLLL13]. **Live-Distribution** [Deu08]. **live-migration** [JKK+13]. **lively** [STFH15]. **Liveness** [ADM98, LDL14]. **LLVM** [LH13]. **Load** [CL16a, LW12, YWR+14, Bir94, TF16, XH90]. **Loading** [LB98, HSC15, WGF11]. **Loads** [LTE12]. **Local** [ADM98, Oi08, PCR89, HJ10, KMT14, Oi05]. **Locality** [HSC15, SZ88]. **Localization** [YYL+15]. **Location** [USE93, OG16]. **Location-Independent** [USE93]. **lock** [YTS14]. **Logic** [DMS02, GH91b, UOKT84, Alf91, Bur02]. **Logical** [RT93, Lia05, TT93]. **Logically** [Jen79]. **Logics** [BW03]. **Logisim** [Bur02]. **logistics** [LZWC13]. **LogP** [CKP+93]. **Long** [KKLV16]. **Long-Distance** [KKLV16]. **lookaside** [CFG+13]. **Loris** [AvMT11]. **Loss** [XDLS15, CHCC07]. **Lösungen** [Tho08]. **LOTOS** [MS91a]. **Louis** [ACM97]. **Low** [WCG14, ZHCB15, GE85, IMK+13, SJRS+13]. **low-cost** [SJRS+13]. **low-latency** [IMK+13]. **Low-level** [WCG14]. **Low-overhead** [ZHCB15]. **low-resolution** [GE85]. **LTTng** [WKJ15]. **Luminous** [KNT02].

m [USE01c, Abr82, KAH83, AS85a, AS85b]. **M-series** [KAH83]. **MA** [USE06]. **MAC** [SJV+05]. **MAC-Based** [SJV+05]. **Mach** [USE91, MRGB91]. **Machine** [AS85a, ABCC66, ABV12, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, fLtNW14, AE01, Apr09, Arc07, AGIS94, BWP85, BFHW75, Bak83, Bal91, BDF+99, BN75, BWD+15, CTS+93, CW03, CFH+79, CFH+80, Car13, CF00, CGC16, CRZH15, Cox09, CWL+15, Dalxx, Dal97, DHPW01, Dan86, DF96, DGLZ+11, Dom80a, DJ77, EG01, FG91, Fis01, FPS+02, (Fo71, (Fo78, FL13a, GIK+99, Gei02, Gen86, HHV+02, HHW10, Hal79, HH79, HKKW13, Ibs84a, JHS12, JJK+11, JMSLM92, JQWG15, JN15, JADAD06a, KC16, KS08a, KMK16, KNT02, KF91, Ken80, KDB16, Kim84, KAH83, KGZ+04, KLF+15, LCWB+11, Lau87, Law00, LW11, LLW98, LTE12, Li14, LVM16, LTT92, LY97b, LYxxa, LYxxb, LYBB14, LWLL10, LJL+11, LFBB94, Loy92, LXM+16, MSG14, Mac79, MS91a, Man16, MS70, MD97, MDxx, MDGS98, MKKE12, II79, NBH08, NMG15]. **Machine** [Nel04, NSJ12, PPTH72, Pfo13, PCC+16, PK75a, Pro00, Qia99, QT06, RLZ+16, Ren78, RI00, RT93, Ros99, RG05, Ibs84b, SL14, San88, Sch94b, Sch94a, SSB03, SCP93, SSG90, SHZ+14, SHB+03, SVL01, Sun95b, Sun95a, SUN97, JCV99, TT96, TMV12, TY14, USE01c, USE01d, USE02, VTW16, Ven97a, VL00, WL96, WIDP12, WH99, WB81, Wel94, WCSG05, WHD+09, WP97, XWJX15, XLJ16, YP15, ZLW+14, ZRS+16, ZL16, ZZF06, ZHL16, ZJXL11, Zyt94a, Zyt94b, dSdF16, Abr82, AS85b, AGSS10, AGH+15b, AGH+15a, AAB+00, Ame13, Ano94, Ano96, AO16, AFT01, ABC+07, Arm98, AWR05, Arv02, ANH00, AMA+11, BDF+03, Beg12, BPC94, BCM90, Bir94, Blu02, BADM06, BFC02, Bri98, CARB10, CL14, CD14, Car14, CEG07, Cav93, CFVP12, CS76, CHCC07, CBLFD12, CK06a, CK06e]. **machine** [Clo85, Cof99, CGV10, dCCDFdO15, CWG00, CD01, DH01, DSC+08, DP11,

DM93, DBC+00, Don87, DJ76, EGKP02, EG03, FLL+13, FM90, Fit14, FF96, FLM+08, FCG+05, Fre05, GTGB14, GCARPC+01, GPW03, GR80, GBCW00, HJ10, HUL06, HK07, HcC14, HPHS04, HSC15, IBM85, IBM88, Int88, IBM94, IBM96, IKU15, JKK+13, JNR12, JGW+11, JADAD06b, Kal97, KOY05, KS13, KSO+15, gKEY13, KCS14, KJLY15, KCKC15, KFF12, Kou11, KCV11, KRG+12, Lam75, LBZ+11, Les74, LC02, LM99, LZWD15, LBL16, LWLL16, Lia05, LL14, Lot91, LG93, MSG+12, MD73, MD74, MSG01, DPBK16, MNA16, MS00, McG72, MC93, MN91, MST+05, MAK07, MJ93, NOK+85, OG16, Oi08, ORPS09, PEL11, Pul91, Raj79, RZ14, Req03, RFBLO01, RY10, Sch13b, SSMGD10, SHLJ13, She91, SCEG08, SASG13, Sig89, SGGB99, SGGB00, SKC73, Smi97]. **machine** [SMA+10, SSU+12, TSLBYF08, TMLL14, Tay76, tTR82, TIIN09, TB14, TT93, Tur84, Vag10, Van98, Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VVB13, WGF11, WKT08, WRX11, WZV+13, WKJ15, Web10, WW77, Won97, XHL+13, XCJ+14, XJWW15, XZZ+16, YME05, YZW+13, YLH14, YLHJ14, YBZ+15, YLK+10, Yel99, YGN+06, YQZ14, YTY00, ZG13, ZXW16, ZLZ15, ZLH+15, ZBP07, ZLL+16, ZL13, ZLLL13, ZWC+14, AEM+14, AAB+05a, Ano97a, Ano97b, AC98, BD01, BP01, BP03, Caa00, CCWY05, CK87, Cla97, Coh97, CDG97, Cra98, Cza00, DCA04, DLS+01, Eng99, FS11, FFB+00, Fra98, FK03, Fuj91, GGG03, HT98, HM01, HWB03, HB08, Ive03, JR02, JDJ+06, JJ02, Juo07, KM13, LMG00, LMG01, LB98, LV99, LY97a, LY99, LYBB13a, LYBB13b, Men03, MB98, Mon97, MP01, OT97, Oi05, Oi06, PTHH14, PRB07, Ran02]. **Machine** [RB01, SMK02, SSB+14, SH04, Sch13a, SMES01, Set13, SMSB11, Shi03, SGV12, Sim92, Siv04, SSB01, SM02, Sur01, Tai98, Tol98, TO96, TR88, UR15, Ven99a, Wel02, Wol99, WWMG06, vD00]. **Machine-Based** [LW11, WB81, CGV10, WKT08, YZW+13]. **Machines** [BMS16, BP99, BDJdS02, BSSS14, Bee05, BB13, BRX13, CWL12, CCML12, CWS12, CSS+13, CL16a, CCO+05, CH78, CDN02, DSM14, DEK+03, Den01, DMR10, DKW15, Do11, EGR15, EGJS15, ECJ+16, Ert03, EDS+15, Gai75, G+01, GTS+15, Gum83, HS06, HPP15, Ian14, JE12, Jen79, JXL+12, JAS+15, JKJ+10, KCWH14, KJL11, KP15, KAH83, LZL+15, LD05, LHAP06, LW12, LJL+15, Mac79, Man15a, MD12, MM94, PSBG11a, PS16, Rev11, Ros04, SD01, SCSL12, SV13, SN05a, Sta97, Sup04, TV12, UT87, Vog03, WLW+15, WGLL13, WZL15, WLLZ16, XSC13, XLL+14, ZRD+15, vLSM01, Ågr99, AAH+03, AGH+16, ATS16, AAM+16, AS14, BAC15, Bac11, Bag76, BML+13, BDF+98, BHvR05, Bel06, BB12, BB15, BBM09, BBS06, CH08, Cra05, Cra06, CWdO+06, CLL+13, DDS+94, DC15, DQLW15, DSZ11, EGD03, Ert05, EL98, EMS15, FBZS12, Fit14]. **machines** [FHL+96, FGLI15, FX06, Fu10, GI12, GVI13, Gol73, GLV+10, HZZ+14, HDG09, JES+15, JDW+14, JGSE13, KSSG16, KRCH14, KBB11, LMJ07, LJL12, LQW+12, LC13, LTZ+14, LSS04, Man15b, MG13, hTMAC+08, NK10, NOR15, PFH+16, PSBG11b, PMC05, PBYH+08, PV08, RHR02, SJB14, SS13, SNV10, Sch09, SSN12, SJJ+12, SJW+13, SN05b, SSL+13, Ste14, Str13, SK13c, SLA+16, SHTE11, Syr07, TGCF08, TMMVL12, TDG+06, TtLcC13,

VT14, VED07, WQG15, WCS06, WSVY09, WRSvdM11, WRS+15, XHCL15, YC98b, YWF09, YWGH13, ZBG+05, ZWHC17, ZWL09, ADM98, BHDS09, CT03, Cla97, MLG+02, PEC+14, SM01, UBF+98, VED06, YC98a, ZS01]. **macro** [Wel02]. **macro-architecture** [Wel02]. **Made** [Ste05]. **Mail** [Joo06]. **Main** [AMH+16]. **mainframe** [GBO87]. **Mainstream** [Uhl06, BBHL08]. **maintaining** [HBP06]. **maintenance** [LSS04]. **Make** [THB06, BC10]. **makes** [Wal10]. **Making** [HKKW13, XLL+14, SJJ+12]. **Malware** [CLS07, CD12, GG11, CVWL13, CWdO+06, YJZY12]. **MAN** [TDG+06, YYPA01]. **MAN/WAN** [TDG+06]. **manage** [Car14, Fit14]. **Manageability** [Gua14]. **managed** [CBGM12, CFG+13, RJK16]. **Management** [DMR10, KL14, Lar09, LJL+15, LCFL12, LXM+16, MBWW86, MDGS98, SMES01, SDD+16, WIS+15, WLW+15, WGLL13, AHK+15, ATS16, BAC15, Beg12, BBMA91, BHDS09, BN89, CH08, Cla05, Fit14, Fu10, GTGB14, GLK+12, HB13, IMK+13, KCKC15, LLS+08, MS00, MBA+12, NS07, dOL12, RP07, RJK16, SG10b, SWC08, TRG13, Wal02, WDCL08, WWWL13, WCS06, WSVY09]. **Manager** [Car13, Car14, KMT14, Apr09, MBA+12]. **Managing** [BB13, KGZ+04, BCP+08, J+05, YLHJ14]. **Manual** [CRZ83]. **manufacturing** [LLS14]. **many** [CLL+13, DQR+13, WR07]. **Manycores** [HPP15]. **Mapped** [HW93, BLRC94, SV15]. **Mapping** [Bak83, PS16, PCC+16, CRB12, HSC15, JK15, UR15, WK08]. **MapReduce** [HSC15]. **March** [ACM06d, Ano10, SS05]. **Market** [LS15]. **marketplace** [KMK10]. **Markets** [TVKB16]. **Markov** [WQG15]. **Marriott** [USE01a]. **Maryland** [Ano93]. **Maschinen** [Zim06]. **Massachusetts** [USE93, USE01a, IEE85]. **Massively** [BS90, Kra90, MM93]. **Mastering** [CBER09, Low09, Low11, LMG+14, McC08, Sub11]. **Matching** [Cox07, Cox09, Cox10, Cox12]. **Maté** [LC02]. **matrix** [Kra90]. **maximization** [LWLL16]. **Maximizing** [ZRD+15]. **May** [ACM00, ACM06e, Ano04b, IEE84a, IEE90a, IEE91, IEE01, IEE06a, Mar81, TLC06, USE99, USE06, Yur02]. **MC68020** [MMM84]. **MCG** [ZGW+06]. **MCG-mesh** [ZGW+06]. **mean** [Ven96]. **Measurement** [ACM81, Cal75, XHCL15]. **Measures** [Att79, SM92]. **Measuring** [LWLL10, XHL+13]. **mechanics** [MC98, Uhl07]. **Mechanism** [LCT+15, MD12, TVKB16, Mly09, YLH14, YLWH14, ZLH+15]. **Mechanisms** [NMG15, Nel04, MG13, TMMVL12]. **MECOM** [JDW+14]. **meet** [FHL+96]. **Meets** [BBM+15]. **mehr** [Joo06]. **Memento** [CPST15]. **memories** [Pat12]. **Memory** [AMH+16, Bad82, Bro89, CLŁS12, Cro93, GKBB15, HHC+16, HPP15, JJK+11, LW11, LH16, LJL+15, LXM+16, MKKE12, RLZ+16, RWX+12, SMES01, SLM89, VTW16, Wal02, WWH+16, WK90, WTLS+09, AHK+15, ATS14, Ano15, BHDS09, CWH+14, CWC+14, CLcC13, CH08, CMM+06a, CMM+06b, CMM+06c, GVI13, GLV+10, HB13, HHPV15, HUWH14, JSK+13, JDW+14, LLS+08, MS00, PPO14, RJK16, VED07, WWS89, WZW+11, WWWL13, WK08, ZP14, ZHCB15, ZWL09, ZL13, TF16].

Memory-Aware [JJK+11]. **memory-limited** [CH08]. **Memory-Resident** [WK90]. **mesh** [SJRS+13, ZGW+06]. **message** [DM93, TO91, UR15, XH90]. **message-passing** [TO91, UR15, XH90]. **messaging** [Joo06]. **meta** [BT15]. **meta-tracing** [BT15]. **Metacomputing** [MDGS98]. **metal** [AGH+16, GAH+12, OSK15]. **Method** [AC16, BP99, DEK+03, HT98, LZL+15, JKK+13, Ven97c, YLHJ14]. **Method-Level** [AC16]. **methodology** [FS89]. **Methods** [Pfo13, Qia99, UT87, WH99, BMWB86, XH90]. **Metrics** [Sch13a]. **Metriken** [Sch13a]. **Mexico** [ACM00]. **MGC'05** [ACM05b]. **MI08** [Hin08]. **Micon** [BGS89]. **microarchitectural** [EGD03, SK13b]. **microcomputer** [UBL+82]. **microcomputers** [GBO87]. **microkernel** [GMR93, Sto07, Uhl07]. **microkernel-based** [Sto07]. **Microkernels** [FHL+96, HUL06]. **Microprocessor** [Ran02, ACT94, WW77]. **microprocessors** [But94]. **microprogrammable** [Bag76]. **Microsoft** [Lar09, Zim05, B+07, Car13, CBER09, Gal09b, Joo09, Kal97, KVV09, KSS09, KS10, Lar09, MRM06, Nou92, Ste05, Won97]. **Middleware** [ACM05b, HOKO14]. **Migrate** [YBZ+15, CLL+13]. **Migrating** [JE12]. **Migration** [ABV12, BFG+14, BWD+15, KC16, KKLV16, LZL+15, LJL+11, SL14, SHW+15, TMV12, XWJX15, XLL+14, YWR+14, ZRS+16, vLSM01, AGH+15b, AGH+15a, AS14, BAC15, BB08, CLcC13, FGLI15, HLW+10, HDG09, JKK+13, JGW+11, JDW+14, JGSE13, KJLY15, LZWD15, DPBK16, MG13, PDC+12, SM01, SSL+13, SLA+16, SHTE11, TDG+06, WRSvdM11, WRS+15, YBZ+15, ZLZ15, ZNSL14, ZLLL13]. **migrations** [JES+15]. **MIMO** [LZ15]. **Mini** [ZXY+15]. **Mini-intrusive** [ZXY+15]. **Miniboxing** [UTO13]. **minicomputer** [KK79]. **MiniComputers** [Har77]. **minidisk** [Boz89]. **Minimal** [LPD+11]. **Minimal-overhead** [LPD+11]. **Minimizing** [RKRK17, ZRD+15, SZ13]. **Minimum** [BAC15, FSH+13, ZLZ15]. **Minimum-cost** [ZLZ15]. **Minimum-energy** [BAC15]. **MINIX** [Kel06, vdK09]. **Minneapolis** [IEE92]. **Minnesota** [IEE92]. **MIPS** [RWX+12]. **mirror** [Rob06]. **misses** [BLRC94]. **Misson** [Ano10]. **Mistakes** [Ste05]. **Mitigation** [LGR14]. **Mixed** [WLMD16, LWM14]. **Mixed-Criticality** [WLMD16]. **Mixing** [LD05]. **MLN** [Beg12]. **MO** [ACM97]. **Mobile** [CWH+16, LH16, MV16, SGB+16, USE93, BBD+10, HLW+10, IIK+06, ISE08, SASG13]. **mobility** [FX06]. **Mode** [Dav04, CWH+14, Cof99]. **MODEF** [SMO84]. **Model** [BRX13, CHW12, KF91, MV16, MP01, Nel04, NSJ12, XDLS15, Bar78, BCM90, Bir94, CKP+93, Fre05, Req03, SS13, WO75, YZLQ14, ZP14, ZBG+05]. **Model-Driven** [NSJ12]. **Model-Free** [BRX13]. **Modeling** [ACM81, CH78, IN87, KRG+12, LDL14, TIIN09, FX06, gKEY13, SK13c]. **Modelling** [DPBK16]. **Models** [DSM14, HWB03, Man15a, RSW+06, SL16, ADG+92, HCJ07, Lia05, VVB13, Ble89]. **Modem** [Ano03a]. **Modern** [EG01, GG11, FIF+15]. **Modular** [AvMT11, DCA04, LH13, TO91]. **Modularity** [SVB93]. **möglichen** [Hin08]. **moldable** [HZZ+14]. **Molecular** [YWCF15]. **monad** [Dan12]. **Monitor**

[LXM+16, QT06, Ren78, RI00, RT93, Ros99, SVL01, AGSS10, ALL06, AMA+11, Cof99, KOY05, Kou11, SHLJ13, SSU+12, TT93, XZ11]. **monitor-based** [AMA+11]. **Monitoring** [BAL15, CCML12, WLLZ16, ZL16, ZXY+15, ACT94, CL14, JADAD06b]. **Monitors** [JHS12, KS08a, KF91, RG05, WCSG05, BDF+03, FLM+08, HUL06, HPHS04, YME05]. **Monterey** [ACM05a, Ano01b, USE91, USE01c]. **mori** [CPST15]. **Mortar** [HUWH14]. **most** [CK06b]. **motion** [Lia05]. **Motorola** [Ano03a, MMM84]. **move** [BGS13]. **Moving** [Cre10b, Cre10a]. **MPSoC** [BHI15]. **MPSoCs** [OVI+12]. **MS** [Tho08]. **MU5** [MDFS72]. **Multi** [ABV12, CLG+10, DLS+01, HPcC04, LLS14, MD12, MM94, PNT12, SL14, ZRZY15, AL05, ATS16, Bor07, JHE14, KMT14, RPE12, SE12, SIK+16, WDCL08, XZ11, YKS16, YTS14, ZNSL14, ZLL+16, JDJ+06, NMS+14]. **Multi-agent** [ABV12]. **Multi-core** [PNT12, YTS14]. **multi-course** [AL05]. **multi-criteria** [ATS16]. **Multi-dimensional** [HPcC04]. **Multi-Dispatch** [DLS+01]. **Multi-GPU** [NMS+14]. **Multi-granularity** [LLS14]. **Multi-language** [MD12]. **multi-level** [JHE14]. **Multi-objective** [SL14, ZLL+16]. **multi-platform** [XZ11]. **multi-server** [RPE12]. **multi-source** [SIK+16]. **Multi-stage** [CLG+10]. **multi-start** [KMT14]. **Multi-tasking** [JDJ+06]. **Multi-tenant** [ZRZY15, YKS16]. **multi-threaded** [SE12]. **multi-tier** [WDCL08, ZNSL14]. **multi-user** [Bor07]. **MultiCache** [NsP16]. **Multicore** [FRD+08, HHW10, Ian14, Man16, SE12, SSMGD10, SJJ+12, Sub08, WCC+16a, WCS09, WJGA12, YQZ14]. **Multicore-Aware** [Man16]. **multihost** [Bar06]. **Multilayered** [NsP16]. **Multimedia** [Ano99, CAF+91, BTLNBF+15]. **multiple** [CSV15, Com00, GMR93, IKU15, SLA+16, TMMVL12, TtLcC13]. **Multiprocessor** [AGLM91, Dun86, KKJL14, Bro89]. **Multiprocessors** [Bad87, Cro93, SLM89, TO91, WWS89, WWT89, AGIS94]. **multiprogramming** [Abr82]. **multitarget** [Bar06]. **Multitasking** [CD01, IBM96, TLD+89]. **multitasking/multiprocessing** [TLD+89]. **multitenant** [LZW+15]. **Multithreading** [LRZ16, ABB+15]. **musical** [BB08]. **mutual** [SGS92]. **MVM** [GMR93]. **MVP** [Lot91]. **MySQL** [Wün13].

Named [War11, XWJX15]. **Nancy** [Jou85]. **Narrowing** [DGLZ+11]. **Nassau** [Ano99]. **National** [Ano93, SVN+10]. **Native** [AC98, UT87, EL98, RPE12, STS+13]. **NATUG** [Boa90]. **NATUG-2** [Boa90]. **NC** [Boa90]. **NDSS** [Ano10]. **Near** [UT87, RPE12]. **Near-Native** [UT87]. **Neat** [BB15]. **need** [BGS13, GLK+12, WCS09]. **needs** [STFH15]. **Negotiation** [ABV12]. **nested** [RQD+17]. **nested-virtualization** [RQD+17]. **Net** [MBK+92, Tur92]. **NetAdvantage** [Ano03b]. **NetLCR** [Joo06]. **Netstumbler** [Joo06]. **NetWare** [WF03]. **Network** [ACM98, RM03, Ano10, AO16, BRIdM10, BHEP14, CKT08, Cre10b, DW14, Fis01, HB12, IKU15, Ken80, LLW+16, LCFL12, MCZ06, Mon97, MR06, Nou92, PHL+12, PCR89, PST+15, Rix08, RKRK17, UVL+13, WB81,

ACM06c, AM16, ALW15, BCC+15, BCM90, BL90, BH13, BBS06, CBZ+16, CB10, CRB12, Cre10a, DYL+12, FLL+13, FJKK17, FK13, FSH+13, GLLJ16, HBP06, IM93, JK15, KSO+15, DPBK16, MSZ09, OK90, PBL+16, SZL+14, Tur84, UBL+82, VOS12, WWS89, WHC16, WCC16c, WC91, TF16]. **Network-aware** [AO16, IKU15]. **Network-hosted** [CKT08]. **Network-I** [RM03]. **Network-I/O** [RM03]. **networked** [CT03, SGGB99, SGGB00]. **Networking** [ACM04b, IEE06b, LCK11, MLA83, SS05, XWJX15, BTMS10, Bor07, BH13, GD08, M+06, Zho10]. **Networks** [BSI+15, CGC16, Hal79, HHK94, JN15, KKLV16, LLW+16, MBWW86, SIJPP11, TVO92, ALW15, Alf91, CL15, GCARPC+01, KCV11, LC02, LZW+15, LWL16, MAK07, NRS92, OMB+15, TO91, WZV+13, WT91, YKS16, AAJD+16]. **Netzwerk** [KGG00]. **Netzwerke** [WF03]. **Netzwerkkonfiguration** [WF03]. **Neumann** [FS11, FS12, Sig89]. **Neural** [MBK+92, TVO92, Tur92, WWS89, Alf91, BCM90, BL90, IM93, KCV11, OK90, TO91, WT91, WC91]. **Neurocomputer** [GFB+92]. **neutron** [MM92]. **Nevada** [ACM81, ACM89]. **newer** [YK13]. **Newfoundland** [IEE06a]. **News** [Bri98, Kal97, Sta07]. **Next** [BDF+99, CF00, IIK+06]. **next-generation** [IIK+06]. **NFV** [ALW15, TF16]. **Nice** [ACM90]. **NICs** [HB12]. **Niklaus** [BGP00]. **Ninth** [USE00b]. **NoC** [FRD+08]. **node** [CRB12, JK15, KL13, LSS04]. **Nodes** [Vol90]. **NoHype** [KSRL10]. **Non** [AMH+16, KOY05, KM13, ZP14]. **non-cache-coherent** [ZP14]. **non-dedicated** [KOY05]. **non-deterministic** [KM13]. **Non-Volatile** [AMH+16]. **nonaligned** [AGIS94]. **normal** [AM16]. **North** [Boa90]. **Nosv** [RQD+17]. **Note** [DMS02]. **notebook** [IBM94]. **Novel** [ATS16, NK10, CBZ+16]. **Novell** [WF03]. **November** [ACM75, ACM89, ACM96, ACM03a, ACM04b, ACM05b, ACM05c, IEE90b, IEE92, IEE93b, IEE02, IEE04, LCK11, USE91, ACM97]. **NUMA** [BMS16, GTS+15, KP15, LL14, LXM+16]. **NUMA-Aware** [BMS16]. **NumaGiC** [GTS+15]. **Number** [BP99, SZ13]. **nutzen** [Zim06]. **nützliche** [LC09a].

O [RM03, AJM+06, AD11, ABG14, ABB+15, BMS16, BHEP14, CWH+16, CDD13, CRZH15, DCP+12, DS09, GAH+12, HB12, KS08a, KMN+16, LHAP06, NsP16, PST+15, Rus08, SBQZ14, SVL01, TtLcC13, VW08, WR12, ZSR+05]. **Oak** [SVN+10]. **Oakland** [IEE84a, IEE90a, IEE91]. **OAMulator** [MS01]. **OASIS** [UBL+82]. **OB** [XHCL15]. **Oberon** [WF03]. **Object** [Bad82, BBD+91, BP01, CAF+91, Low88, PTHH14, PMC05, San88, STFH15, USE99, USE01b, BPB86, BP03, GSN93, IT86, LM99, VED07]. **Object-Based** [Bad82]. **Object-Oriented** [BBD+91, USE99, USE01b, PTHH14, PMC05, San88, BPB86, GSN93, IT86]. **objective** [SL14, ZLL+16]. **Objects** [Qia99, SK13a]. **Observation** [NBH08]. **occupied** [SZ13]. **OCTET** [BKC+13]. **October** [ACM03b, Ano99, Ano06a, Boa90, IEE03, Tho93, USE00a, Vra05]. **off** [CGV10]. **off-board** [CGV10]. **Offensive** [BDJdS02]. **Offers** [Ano03a, Got07]. **office** [BRIdM10, Ano03b]. **Offline** [TRG13, SHLJ13].

Offloading [CL16a, GKXK13]. **offs** [SIdLB15]. **OGSA** [AKK+07]. **OGSA-DAI** [AKK+07]. **Oktober** [Müh75]. **Old** [Got07]. **Older** [SHB+03]. **Older-first** [SHB+03]. **Oleco** [Joo06]. **On-Demand** [SEF+06, ZZF06]. **on-stack** [LH13]. **One** [Cre09, JK15, Ste14]. **one-shot** [JK15]. **Online** [FL13a, GR15, HKKW13, Joo06, NG13, SZW+16, SIK+16, SXCL14, ZWC+14, BB12, LSS04, NK10, ZXW16]. **Online-Handbuch** [Joo06]. **Ontario** [ACM06f, Sof83]. **onto** [AO16, Bak83, BS90, PS16]. **Open** [SJV+05, AGH+15a, AAB+05a, FP14]. **Open-Source** [SJV+05, AAB+05a]. **OpenCL** [KJJ+16, TY14]. **OpenFlow** [YKS16]. **OpenNebula** [KMT14]. **OpenOffice** [Joo06]. **OpenQRM** [Kar07]. **OpenStack** [BB15]. **OpenSUSE** [CK06g, CK06f, CK06o, CK06p, CK06p]. **Operating** [ACM75, ACM03b, CD12, Das91, HXZ+16, IEE01, J+05, MKKE12, MM94, RT93, SLM89, THB06, Vra05, ACT94, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CK06a, CK06b, CK06e, CKP78, Com00, CLDA07, Dav04, Don87, HKD+13, KSLA08, Kou11, MDFS72, NV05, Ros06, SPF+07, SS72, TT93, Vac06, Van06, WR07, WWT89, YK13, Mat10]. **Operation** [ZR06]. **Operational** [Dan12, Siv04]. **operations** [MPF+06]. **Opportunistic** [KMK16, OMB+15]. **Optimal** [BP99, BB12, WHC16]. **optimale** [Sch13a]. **Optimisation** [YWGH13]. **Optimises** [War80]. **optimistic** [WGF11]. **Optimization** [CWH+16, DKW15, KC16, LW11, Man15a, MJW+14, SM06, SHZ+14, WK90, YWF09, GCARPC+01, HLW+13, JK13, KS13, dOL12, ZLL+16]. **Optimization-Based** [SHZ+14]. **Optimizations** [HB12, RLZ+16, CPST15, NG13, PGLG12]. **optimize** [LDL+08]. **Optimized** [CGC16, KCV11, LWL16, TMMVL12]. **Optimizing** [CEG07, dCCDFdO15, EG03, HHC+16, JGW+11, LQW+12, LL14, LXM+16, MCZ06, SMK02, SV15, ZLLL13, ZJXL11, HSC15, ZLBF14, FLL+13]. **Options** [HDM08]. **Oracle** [VSC+10]. **Order** [BW03, BFC02]. **ORE** [OMB+15]. **Oregon** [IEE93b, USE85]. **Organization** [BPC94, Kam83, RSGG15, Juo07, Skr01]. **organizer** [MS00, SMES01]. **organizing** [OK90]. **Orient** [IT86]. **Oriented** [BBD+91, BWD+15, BS90, CAF+91, LVM16, RSGG15, SYB12, USE99, USE01b, Beg12, BPB86, GSN93, IIK+06, IT86, PTHH14, PMC05, PPO14, San88]. **Origin** [Den01]. **Original** [BDR+12]. **Orthogonally** [LMG01, LMG00]. **OS-Level** [cCWS14, SWcCM12]. **OS/2** [Bri98]. **OS/390** [DBC+00]. **OS6** [SS72]. **OSCAR** [VS06]. **Other** [Den01, Mac79, KS13, Mat10]. **OtOt** [DKF94]. **Ottawa** [ACM06f]. **Out-of-Band** [ZSXZ07, PBYH+08]. **Out-of-order** [BFC02]. **Out-of-Process** [RB01]. **out-of-the-box** [XHCL15]. **Out-of-VM** [ZFL15]. **Outline** [Kee77]. **outsourced** [CMP+13, QZDJ16]. **outsourcing** [SASG13]. **Overcoming** [APST05]. **Overcommitment** [GKBB15]. **Overcommitted** [CWS12, WCS06]. **overhead** [LPD+11, LBL16, ZHCB15]. **overheads** [MST+05]. **Overloaded** [BB13]. **Overshadow** [CGL+08a, CGL+08b, CGL+08c]. **Overview** [Lau87, MLG+02, ALW15, BB08, MNA16]. **oVirt** [Ano14d]. **OVM** [BFC02].

P [Dom80b, SSU+12, Syr07]. **P-Code** [Dom80b]. **P.R.O.S.E** [Van06]. **P2P** [Sta07]. **p5** [A+04, B+05, G+05]. **PA** [ACM04b, ACM96, IEE04]. **PaaS** [ZLHD15]. **Package** [PBR+90]. **Packages** [JMSLM92, LTT92]. **packet** [Ste14]. **Packeteer** [Ano03a]. **Packing** [GR15, SXCL14, XDLS15, SZ13]. **PACT'06** [ACM06b]. **Page** [CWL+15, LH16, WLW+15, AJH12, BSSM08, CWC+14, WTLS+09]. **Page-Aware** [CWL+15]. **Pages** [GKBB15, JDW+14]. **Paging** [BGM70, TKG89]. **Palm** [MS00, SMES01]. **Palo** [ACM01b]. **Panel** [G+01, UBF+98, BDF+98]. **Papers** [DC15, KM13, ACM90, G+88]. **PAPMSC** [SDD+16]. **para** [LC13]. **para-virtualized** [LC13]. **PARALISP** [CRZ83]. **Parallax** [hTMAC+08]. **Parallel** [ACM06b, Arm78, BP99, BS90, EGR15, Fis01, HHK94, IEE93a, IM93, JN15, KNT02, Loy92, LCFL12, MM92, MM93, MM94, PY93, TVO92, WCC16b, Wat86, Wat87, Wel94, YP15, ZRZY15, AS14, AGIS94, BPC94, Bir94, BL90, BFC02, CARB10, Cav93, CDM+10, dCCDFdO15, CKP+93, DKF94, DDS+94, DM93, EF94, FM90, GSN93, JGA+88, KJLY15, Kra90, Les74, LG93, McK11, MN91, NOR15, NG13, Pou90, RSW91, She91, Taf11, WK08, YC98b, Ble89, JPTE94, YC98a]. **parallelism** [YTS14]. **parallelization** [vKF13]. **Parallelizing** [SSL+13]. **Parallels** [Tho08]. **parametric** [UTO13]. **Paranoid** [Bau05, Bau06b, Bau06a]. **ParaSail** [Taf11]. **Paravirtual** [KMN+16]. **Paravirtualization** [AD11, SBQZ14]. **ParCo93** [JPTE94]. **PARD** [MSS+15]. **ParDMCom** [M+06]. **PAROS** [MM94]. **PARS** [CWL+15]. **Parser** [UOKT84]. **Part** [Cre09, HO92, Sch94b, Sch94a, Cre08a, SS72, Zyt94a, Zyt94b]. **Partial** [BWD+15, WGF11]. **partiality** [Dan12]. **partially** [HH13]. **Partition** [Int06c, LLS+08]. **Partition-based** [LLS+08]. **partitioned** [Van06]. **Partitioning** [Bad87, Ian14]. **Partitions** [Int06b, SJRS+13]. **Party** [CRZH15]. **Pascal** [Har77, GBO87]. **pass** [PDC+12, YLWH14]. **pass-through** [PDC+12, YLWH14]. **passé** [BC10]. **Passing** [Fra98, DM93, TO91, UR15, XH90]. **Password** [CD12]. **Past** [Sup04, BS96, JKDC05]. **PASTE'01** [ACM01a]. **path** [AM16]. **PATHWORKS** [Nou92]. **Pattern** [HPP15, OK90]. **Pattern-Aware** [HPP15]. **patterns** [PMC05]. **PC** [ACM04a, GBO87, Mon97]. **PCI** [YLWH14]. **PCs** [Ros99]. **PDB** [HHH04]. **PDCE** [M+06]. **PDP** [GBO87, Ham76, PK75a, She02]. **PDP-11** [GBO87, Ham76, PK75a]. **PDP-11/40** [GBO87]. **PDP-8** [She02]. **PDS** [AAB+05b]. **Peak** [LTE12]. **PEMU** [ZFL15]. [IBM88, Int88]. **360** [Kam75]. **370** [Att79, Bar78, Ber86, Cal75, GLC84, Gum83]. **390** [OJG91]. **4** [NOK+85]. **40** [ABCC66, GBO87]. **6000** [ABDD+91]. **9000** [ADG+92]. **ACM** [ACM04b, IEE04]. **application** [LBF12]. **ARM** [DN14]. **CLI** [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06]. **CORBA** [GCARPC+01]. **ESA** [Fis91, IBM94, MSS91, OJG91, SNC91]. **EXUS** [SKC73]. **flex** [Kag09]. **graphic-simulator** [Ber86]. **IEC** [Int05a, Int05b, Int06b, Int06c, Int06a]. **IEEE** [ACM05c]. **ISCOPE** [ACM01b]. **Java-based** [Ano96, FF96]. **K**

[IT86]. **Locator** [SIJPP11]. **multigrid** [AGIS94]. **multiprocessing** [TLD+89]. **OSS** [Ble10]. **Pass-Through** [MLA83]. **Replay** [JKB15]. **restart** [BBHL08]. **Software** [KAJW93, LH16, HH13, HP77, WZW+11]. **SVS** [LJZ12]. **SW** [Wu13]. **USENIX** [ACM05d]. **Virtual** [YP15]. **VM** [G+06, P+08]. **von** [FS11]. **WAN** [TDG+06]. **XA** [BN89, Boz89, IBM94]. **XC** [GH91a]. **penguin** [Bau05, Bau06b, Bau06a, Fab13]. **Pentium** [RI00]. **Perfctr** [NB11]. **Perfctr-Xen** [NB11]. **Performance** [ACM98, ACM04b, Ano03b, AD11, Bad82, BL90, Cal75, CFH+79, CFH+80, CGS06, CHW12, De 06, DSZ11, EDS+15, GE85, Gua14, GKBB15, HB12, IEE96b, IEE06a, IN87, JR02, JK13, KCWH14, KS08a, KMM13, KP15, KD78, LZ15, LCK11, LMG01, LCT+15, LHAP06, LTZ+14, MJW+14, MLG+02, MBK+92, NMS+14, Oak14, PZW+07, Pat12, PNT12, Raj79, RCM+12, RP07, SHW+15, SD01, SCSL12, SDD+16, SM92, SM02, THC+14, UT87, Vog03, WKT08, WCC16b, XLJ16, YC98a, YWCF15, ZRZY15, ZJXL11, AKK+07, AAH+03, AGH+16, Ano96, AWR05, BML+13, BB12, BBM09, BMER14, CBGM12, CBZ+16, CMP+07, DQR+13, DSSP06, DYL+12, EMS15, Fit14, FF96, GP13, G+01, GVI13, G+05, GAH+12, Han16, Hog02, HC12, HL13, KKJL14, KL13, Kou11, KCV11, LBZ+11, LM99, LMG00, LL14, MA10, MST+05, MUKX06, M+06, NB11, OL13, PV08]. **performance** [RHR02, RQD+17, Rix08, SE12, SB10, SPF+07, TIIN09, VW08, YC98b, YZLQ14, YQZ14, ZSR+05, ZSW+06]. **Performance-Based** [CHW12]. **Performance-directed** [RP07]. **performing** [BB08, GBCW00]. **performs** [Ven97d]. **period** [B+07]. **Periodic** [LD05]. **periodical** [YQZ14]. **Persistence** [SCD90]. **Persistent** [GH91b, Low88, SMES01, LM99, LMG00, MS00, LMG01]. **Personal** [Hir92, LBP+07]. **Perspective** [Han16, RSGG15, FP14, LDDT12, Wal10]. **perspectives** [MA10]. **Pervasive** [HHH04, BTLNBF+15, HH05]. **Petascale** [Gei02]. **Pete** [Gal09a, Gal09b, Gal11]. **PEVM** [LMG00, LMG01]. **phase** [JK13, TF16, ZL13]. **phases** [RHR02]. **Phoenix** [ACM03a]. **Phosphor** [BK14]. **Physical** [BBM+15, PS16, AAM+16]. **physics** [GTN+06]. **PicoJava** [MO98, TO96, OT97]. **Picojava-I** [OT97]. **Pin** [ZFL15]. **Pioneer** [War11]. **Pipelines** [RKRK17]. **PIPPIN** [DH01]. **Pittsburgh** [ACM96, ACM04b, IEE04]. **PL** [SKC73]. **PL/EXUS** [SKC73]. **Place** [USE01a, Fab13]. **Placement** [CGC16, JQWG15, KP15, LTE12, Man16, SHZ+14, ZHL16, dSdF16, EMS15, FLL+13, IKU15, KSO+15, LBZ+11, LZWD15, MNA16, TMLL14, TMMVL12, ZWHC17, ZLL+16]. **Planes** [UVL+13]. **PlanetFlow** [HBP06]. **PlanetLab** [MPF+06]. **planning** [Hal08, MIS+05]. **plans** [Kal97, Lot91]. **Planung** [Zim05]. **Platform** [DHPW01, DMG+15, Fra09, GPW03, JXL+12, JJ02, MCE+02, Sun99, WL96, Wal99, BBD+10, Fra06, PW03, WQG15, WCC+16a, XZ11, Ros99]. **platform-independent** [PW03]. **Platforms** [Ano06a, GLS15, Uhl06, YP15, DPW+09, GLK+12, MRM06, MBBS13, NV05, SN05b]. **Player** [Joo06, Zim06]. **Plex86** [Law00]. **Pliant** [KDB16]. **Pliant-based** [KDB16]. **plotter** [MSCK92]. **plug** [Kag09]. **plug-in** [Kag09]. **Plural** [UT87]. **pocket**

[BBD+10, FFB+00]. **Policies** [KC12, NMMP15]. **Policy** [SL14]. **polymer** [NRS92]. **polymorphism** [UTO13]. **pooling** [WRSvdM11, WRS+15]. **POPL** [ACM99]. **POPLOG** [SSG90]. **Port** [DBMI92]. **Portability** [Hir92, JR02]. **Portable** [HWB03, Ibs84a, SMK02, Ibs84b, FCG+05, HK07, AEMWC+12]. **Porting** [Caa00, JJ91, Kel06, MB98, Shi03, vdK09]. **Portland** [IEE93b, USE85]. **posium** [USE01c]. **Post** [HDG09]. **Post-copy** [HDG09]. **Postroom** [Osb01]. **Potential** [FRD+08, Got07, JK13]. **Power** [AAM+16, DSM14, KBB11, KL14, LZ15, MV16, MJW+06, SSN12, SDD+16, Sta07, XDLS15, CBGM12, CMP+07, FLL+13, IMK+13, JKK+13, JNR12, NS07, THC+14, WRS13, XHL+13, YZLQ14, YLHJ14, A+04, B+05, G+05, MBBS13]. **Power-Aware** [SDD+16, KBB11, JNR12]. **power-capping** [JKK+13]. **Power-efficient** [AAM+16, SSN12]. **POWER5** [AAB+05c]. **PowerPC** [But94]. **Practical** [HN10, Kna93, WLW+15, FIF+15, SNV10, TC10, Wün13]. **Practice** [Bec09, Cre08b, Lar09, SHB+03]. **Practices** [MO98]. **Praxis** [Bec09]. **Praxisbuch** [Lar09]. **Praxisführer** [Bor01]. **Pre** [LUL+05]. **Pre-virtualization** [LUL+05]. **Precedence** [EGR15]. **Precedence-Constrained** [EGR15]. **precise** [BHSB14]. **Precision** [ADM98, BKMM87]. **preconditioned** [MM92]. **Predicate** [UOKT84]. **predicates** [JKDC05]. **Predictable** [LTE12, XLJ16, HK07]. **predicting** [WQG15]. **prediction** [CEG07, EG03, KJM+07, KCV11, Raj79]. **predictive** [XCJ+14]. **Predictor** [BSMF08]. **Preemptable** [OL13]. **preempting** [SJB14]. **preemption** [YQZ14]. **prefetch** [KW13]. **Preliminary** [HW93]. **prep** [IIPB09]. **PreScheme** [Ram93]. **presence** [CFG+13]. **present** [JKDC05, Yur02]. **presented** [ACM90]. **Preservation** [JE12, BB08]. **preserve** [STFH15]. **Preserving** [BS96]. **Prevent** [SYB12]. **preventing** [PRB07]. **previous** [STFH15]. **price** [WHC16]. **Primitive** [LCWB+11, BMWB86, Pou90]. **PRIMITIVES** [Ble89]. **Princeton** [FS11]. **principled** [WSAJ13]. **Principles** [ACM75, ACM99, ACM03b, Juo07, SHW+15, Vra05, SS72]. **Privacy** [IEE84a, IEE90a, IEE91]. **private** [Nie12, WH08]. **Privileged** [MPF+06]. **Pro** [SRS09, Fra06, Fra09, Wil06]. **Proactively** [GKBB15]. **Problem** [BFG+14, Man15a, MM92]. **Proceedings** [ACM96, ACM97, ACM99, ACM04b, ACM05b, ACM06a, ACM06b, Ano99, Boa90, IEE96b, LCK11, USE99, USE00a, USE00b, USE01a, USE01b, ACM00, ACM03b, ACM05a, ACM06f, Ano93, GHH+93, HHK94, IEE85, IEE04, JPTE94, Mat10, MR91, SS05, USE85, USE86, Vra05, ACM75, ACM81, ACM89, ACM90, ACM01b, RM03, ACM04a, ACM05c, ACM05d, ACM06e, ACM06c, ACM06d, Ano01b, Ano04b, Ano06a, BW03, IEE84b, IEE84a, IEE90a, IEE90b, IEE91, IEE92, IEE93a, IEE93b, IEE05, IEE06b, IEE06a, MS91b, Ost94, Sof83, Shr89, Tho93, USE91, USE93, USE01c, USE02, USE06, M+06]. **Process** [AGLM91, Bal91, MZG14, RB01, Tho93, LZWD15, XCJ+14]. **process-aware** [XCJ+14]. **Processes** [JADAD06a, Kim84, SN05b, WT91]. **Processing**

[DKW15, Loy92, DH01, EF94, GSN93, IM93, LG93, WWT89, Wün13]. **Processor** [ISE08, NSL+06, RWX+12, IIK+06, LRC05, VdlFCC97, WDSW01, WJGA12]. **Processors** [DSM14, Gei02, MBK+92, PNT12, MN03]. **product** [IBM88, Int88]. **Products** [Ano03a, Ano03b, Ano05]. **Professional** [vH08, IIPB09, Ham07, Khn09]. **professionellen** [Zim05]. **profile** [AWR05]. **Profiler** [SH04, VL00]. **Profiles** [Int05b]. **Profiling** [LV99, Sun95a, DSZ11, NK10, SSB+14, STY+14, THC+14, YZLQ14]. **profit** [LWLL16]. **Program** [ACM01a, Han05, HB08, MSG01, SZ88, ABDD+91, BPB86, She02, WGF11]. **Programm** [Mar08]. **Programmable** [DMS02, FS11, Ken80, MSS+15]. **Programmer** [PSBG11a, PSBG11b]. **programmers** [Hee07]. **Programming** [ACM90, Arm78, DK75, Eng99, Gai75, GMP89, GH91b, LFBB94, Luc97, SYB12, Sub08, Sub11, Tho68, Tol98, ACM99, AS85b, Alf91, BCM90, Ham76, Jou85, Kag09, ME87, RSW91, SMO84, Tai98, AS85a]. **Programming-in-the** [DK75]. **programming-in-the-small** [DK75]. **Programs** [FS12, Kam83, NMMP15, Wel94, CK06b, CK06e, DKF94, EGD03, GMR93, IM75, Wol99]. **Progress** [ZRD+15, ZHCB15]. **project** [AAB+05a, CKP78, Lot91, RD90]. **projects** [AL05]. **PROLOG** [Clo85, Ode87, War80]. **proof** [Arv02, FP14, FCG+05, ZLH+15]. **proof-carrying** [FCG+05]. **Propagation** [AD11]. **Properties** [BN75]. **property** [VT14]. **proposed** [GH91b]. **protect** [ZBP07]. **protected** [Cof99, GHD12]. **Protecting** [LMJ07]. **Protection** [CD12, CDD13, SS75, CGL+08a, CGL+08b, CGL+08c, PK75b, TSLBYF08, WJGA12]. **Protectit** [KSLA08]. **Protocol** [GKXK13, MN91]. **protocols** [DM93, RSLAGCLB16]. **Prototype** [Sim92]. **Proverb** [Fer11]. **Provide** [WJ10]. **providers** [EdPG+10, SG10a, TMMVL12]. **Providerwahl** [Joo06]. **Providing** [BDS+09, KGZ+04]. **Proving** [BW03, IM75]. **provisioner** [JNR12]. **Provisioning** [BSSS14, LCT+15, NMG15, NSJ12, SZW+16, SXCL14, XLJ16, ZLW+14, ZRS+16, CSSS11, CFVP12, KBB11, PPO14, SJB14, VOS12]. **proxies** [Eug06, STFH15]. **PS3** [Sta07]. **pSeries** [Mly09]. **pseudo** [ABDD+91]. **pseudo-random** [ABDD+91]. **PSO** [LW12]. **PSO-Based** [LW12]. **Pthreads** [RMB02]. **Public** [OG16, FBZS12, ZLV+12, ZBS+15]. **publications** [Mat10]. **Purpose** [GFB+92]. **Purposes** [BHI15, WDSW01, WO75]. **PV** [Ano15]. **pyramid** [MJ93].

QEMU [WR07, WR08, CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s, Bar06, MZG14, WR07, WR08, vdK09, CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06j, CK06k, CK06m, CK06l, CK06n, CK06q, CK06t, CK06r, CK06s, Deu08]. **QoS** [BAC15, KP15, LCL14, LWL16]. **QoS-aware** [LWL16]. **qualitative** [ALW15]. **Quality** [BB13, SV13, VOS12]. **quantification** [BKH+06]. **Quantifying** [FFB+00]. **Quantitative** [YZW+13]. **Quelle** [LC09a]. **Quemu**

[CK06o]. **Query** [WK90]. **QUICKTALK** [BMWB86].

R [KMMV14, Vit14, Wün13]. **R2**
[Bod10, KS10, Apr09, Bod10, Car14, Gal09b]. **race** [HHPV15]. **races**
[DKF94, PRB07, WCG14, XXZ13]. **Racket** [KFF12]. **Radio**
[AAJD+16, LJR12]. **railway** [FP14]. **random** [ABDD+91, Fer11].
randomized [JGA+88, KFF12]. **randomness** [RY10]. **range** [HP77].
Rapid [But94]. **rapidly** [BSM+12]. **rCUDA** [RSC+15]. **RDMA** [PST+15].
RDMA-capable [PST+15]. **reachability** [KY16]. **Reactive** [NMMP15].
Read [MJW+14]. **Read-Performance** [MJW+14]. **Real**
[AE01, CW03, Cla97, HcC14, LD05, Mac79, QT06, Sta97, Swa06, AS76,
ABC+07, BCC+15, HK07, Ive03, KBB11, Nie12, WQG15, ZEdlP13].
Real-Time [CW03, Sta97, HcC14, LD05, QT06, AS76, ABC+07, HK07,
Ive03, KBB11, WQG15, ZEdlP13]. **Realism** [DSSP06]. **realistic** [CKP+93].
reality [CB07]. **Realizing** [UT87, Syr07]. **RealNetworks** [Ano03a].
reasonable [KJ13]. **Receives** [War11]. **Rechenzentrum** [See08a].
Rechenzentrums [Mar08]. **recipes** [Car14]. **Reclamation** [Bad82].
recognition [KKM+13, OK90]. **reconciling** [ABG14]. **Reconfigurable**
[BHI15, STY+14, UVL+13, FX06, HH13]. **Reconfiguration**
[MDGS98, JES+15, LJR12]. **Reconsidered** [Sta07]. **reconstruction**
[Sch13b]. **Record** [JKB15, IEE96a]. **Record/Replay** [JKB15]. **recorder**
[LBP+07]. **recoverability** [KY16]. **recovering** [LRC05]. **Recovery**
[KKLV16, AAF+09, BGS13, CHCC07, FL13b, Kou11, MSI+12, STFH15,
Tay76, ZXW16, BBMA91, Mar08, MSS91]. **Recursion** [War80]. **Recursive**
[BN75, FHL+96]. **Red** [G+06]. **Redefining** [CGS06]. **RedHat** [Gal11].
redirecting [JYW+13]. **Redirection** [FL13a]. **reduce** [FLL+13, RJK16].
reduced [VED07]. **Reducing**
[HPHS04, Hu90, HS06, KY16, LBZ+11, MV16, KJM+07]. **Reduction**
[JJK+11, Wat86, Wat87, ZHL16, HCJ07]. **Redundancy** [Tay76, GLV+10].
redundant [KJJ+16]. **Reference**
[Ano03a, CRZ83, Hal79, HPP15, LC09a, YTY00]. **Referenz** [LC09a].
Reflection [FPS+02, ORPS09]. **Reflections** [MLA83]. **region**
[HLW+13, vKF13]. **region-based** [vKF13]. **Register** [CK87]. **registers**
[SCEG08]. **Regular** [Cox07, Cox09, Cox10, Cox12, KP99, Tho68].
Reincarnation [Ros04]. **Rejuvenation** [SAT09, AMA+14, MNT14].
Relational [WK90]. **release** [IBM94, IBM96]. **Releases** [Ano03a, Ano03b].
relevant [NP13]. **Reliability** [HXZ+16, XH16, MD74]. **Reliable**
[PEC+14, THB06, Car14, Van06, WQG15, WXW15]. **relocation** [KJLY15].
remapping [AS14, LJL12]. **Remote**
[FLM+08, JKB15, JHS12, KMN+16, Bor07, GCARPC+01, RSC+15].
removal [WGF11]. **RemusDB** [MRC+13]. **Renaissance** [FDF05].
Rendezvous [SM92]. **ReNIC** [DCP+12]. **Reno** [ACM89]. **rental** [FBZS12].
repeatability [Vit14]. **Replacement** [GHD12, LH13]. **Replay**
[KM13, CLG+10]. **Replication**

[CWL+15, LJL+11, DCP+12, KJJ+16, LMV12]. **reply** [DM76]. **Report** [Ano01a, Ano02, Ano04a, CBLFD12, Int06c, Int06a, Pul91]. **repository** [AWR05]. **representation** [IT86]. **reproducibility** [Vit14]. **reproducing** [PTM+15]. **Requirement** [YWR+14]. **Requirements** [PG74]. **Research** [AAB+05a, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Boa90, DMS02, IEE90a, IEE91, Kim84, USE01c, USE01d, USE02, AGH+15a, CBLFD12, Her10, SVN+10, Vit14]. **reset** [RY10]. **Reshaping** [BHI15]. **Resident** [WK90]. **Resilience** [OMB+15]. **resilient** [BGS13, OMB+15]. **resolution** [GE85]. **resolving** [ZWC+14]. **Resource** [BBMA91, FDF05, GLS15, JSHM15, LZWC13, LCT+15, LCFL12, MSS91, MBA+12, SJB14, SZW+16, SXCL14, Sur01, WIS+15, XSC13, ZQCZ16, ATS16, AS14, Car06, CMP+13, EdPG+10, Fu10, HZZ+14, LC09b, LLS14, MS01, Mly09, SGV13, SGV12, VVB13, Wal02, WDCL08, WSVY09]. **resource-aware** [SGV12]. **Resources** [CRZH15, PCC+16, LTZ+14, PSZ+07, WRSvdM11, WRS+15, ZBP07]. **Resourcing** [MSS+15]. **Resourcing-on-Demand** [MSS+15]. **Responding** [BSM+12]. **Responsibility** [GKXK13]. **Ressource** [Mar08]. **restoration** [BS96]. **Restoring** [EGJS15]. **Results** [HW93, Man15b]. **Retargetable** [GFH82, Fra83, GHF83a, GHF83b, WNL+83]. **Rethink** [WRX11, XJWW15]. **Rethinking** [PBWH+12, WCSG05]. **retrofitting** [CGL+08a, CGL+08b, CGL+08c]. **Retrospect** [GLC84]. **Return** [SYB12, Ven97c]. **Return-Oriented** [SYB12]. **returned** [BBS06]. **Returning** [PSBG11a, PSBG11b]. **reuse** [LU04]. **Review** [Ng01a, Ng01b, AGH+15a, Van98, Mat10]. **Reviewer** [Ano03b]. **Reviewers** [Ano06b]. **Reviews** [Ano03b]. **Revised** [Ram93]. **Revisited** [SCD90]. **Revisiting** [AJH12, CL16b, WWWL13]. **revolution** [McK11]. **RHEL** [P+08]. **rich** [RSLAGCLB16]. **Ridge** [SVN+10]. **right** [HUL06]. **rigor** [Vit14]. **Rigorous** [KJ13, Man15b]. **RISC** [ABDD+91, BSUH87]. **risks** [Bel06]. **roadside** [YBZ+15]. **Rob** [Bas04, Bas06]. **Robot** [Arm78]. **Robust** [CCML12, SGV12]. **Rochester** [Mar81]. **Rockefeller** [IEE90b]. **role** [GLA+08]. **Rome** [BW03]. **Rose** [Ano03b]. **Rosenblum** [War11]. **Roundtable** [Cre10b, Sta97, Cre08a, Cre08b, Cre09, Cre10a]. **routed** [AM16]. **routers** [GP13]. **routing** [FLL+13, FSH+13, LWL16, SJRS+13]. **RPC** [CSS+13]. **RTLSim** [YYPA01]. **rule** [Pul91]. **Run** [Bad87, ACT94, AWR05, Com00]. **Run-Time** [Bad87, ACT94]. **Running** [Bad87, MDD+08, GMR93, SZ88]. **runs** [FIF+15]. **Runtime** [Kam83, KP15, MB98, NMMP15, Shi03, ORPS09, RVJ+01, STY+14]. **Runtimes** [Han05, CSV15].

S [M+06, Ber86]. **S-GRACE** [M+06]. **S.u.S.E** [KGG00]. **S/370** [Ber86]. **Safe** [BHI15, RSF+15, CFS+12, CLDA07, MSZ09]. **Safety** [BSI+15, HM01, MSG01]. **Sagamore** [ACM03b]. **Sampling** [Lee16]. **San** [ACM99, ACM06a, Ano04b, Ano10, IEE93a, USE99, USE01b, USE02]. **Sandboxing** [GG11]. **Sandpiper** [WSVY09]. **SANs** [ZSXZ07]. **Santa**

[ACM00]. **satellite** [CFVP12]. **Satisfaction** [LVM16].
Satisfaction-Oriented [LVM16]. **SC'11** [LCK11]. **SC2003** [ACM03a].
Scala [SMSB11, Sub08]. **Scalability** [KMK16, QNC07]. **Scalable**
[HJ10, Li14, SD01, UVL+13, HLW+10, SJJ+12, SPF+07, SG10b, Uhl07].
Scale
[PHL+12, SLM89, XDLS15, ZLW+14, LPD+11, MSG+12, SZ13, WWT89].
Scaling [JDJ+06, PBL+16, AB16]. **SCAN** [Ble89]. **scenarios**
[KCV11, Sch13a]. **Scenes** [Cra98]. **scheduler** [KCS14]. **Scheduling**
[EGR15, JJK+11, KDB16, LD05, LC13, WWT89, ZQCZ16, BC10, DEE+16,
DQLW15, JGW+11, KKJ+13, KCV11, RZ14, SS13, SHLJ13, SSN12, Sto07,
TMLL14, VVB13, WQG15, WCC+16a, XCJ+14, YWGH13, YQZ14, ZSR+05].
schema [SI81]. **Scheme**
[SHZ+14, YWR+14, KJLY15, XCJ+14, YQZ14, FM90, KR94]. **Schemes**
[Do11, MNA16, YWGH13]. **Schloss** [IEE01]. **School** [BGP00]. **Science**
[ACM06d, BR01, DG05, SGV12]. **Sciences** [Shr89, MS91b]. **Scientific**
[Bad87, dCCDFdO15]. **Scientists** [THLK10]. **Screening** [LP14]. **Scripting**
[MJW+06]. **SDDSfL** [CLŁS12]. **SDNs** [ALW15]. **SE** [LYBB14]. **Seamless**
[Hir92, TDG+06, XWJX15, BADM06]. **Search**
[Cox12, MNS+14, CWdO+06, KMT14, Tho68]. **Seattle**
[ACM05c, ACM06b, LCK11, Ost94]. **sEc** [SMK02]. **SECD**
[Abr82, AS85a, AS85b]. **SECD-M** [Abr82, AS85a, AS85b]. **Second**
[ACM06f, IEE93a, Shr89]. **SecondSite** [RCOW12]. **Secure**
[AMH+16, CCML12, CLDA07, JSHM15, JAS+15, LJR12, LP11, PEC+14,
QZDJ16, RI00, RSGG15, THB06, TtLcC13, WF07, vD00, BDS+09, HKD+13,
ISE08, SL12, TLBW12, ZBP05]. **Secured** [TMV12, WCC16c]. **securing**
[Hal08, Hal09]. **Security** [AKK+07, Ano93, Att79, De 06, FJKK17, GW07,
IEE84a, IEE90a, IEE91, IEE05, JE12, KZB+90, KS08a, KS08b, LWLL10,
NMMP15, PvDS08, Pfo13, SJV+05, SM90, SEF+06, Ste05, TMV12, TV12,
USE00b, VN08, WHD+09, ZL16, BTMS10, Bau05, Bau06b, Bau06a, Bel06,
BCP+08, Bor07, BBS06, Hal09, HMS04, IIK+06, LLW+12, MD73, MD74,
PG11, PZH13, PBB13, Sch13b, VT14, DTW07]. **security-oriented** [IIK+06].
see [Yur02]. **SEED** [DTW07]. **seinen** [KGG00]. **selection** [JK13, LZWC13].
Selective [WZW+11]. **Self**
[BHI15, BRX13, HHW10, dOL12, CBLFD12, KKB14, OK90].
Self-Adaption [BHI15]. **self-adaptive** [KKB14]. **Self-Configuration**
[BRX13]. **Self-Healing** [BHI15]. **self-hosted** [CBLFD12].
Self-management [dOL12]. **Semantic** [Das91, DGLZ+11, FL13a].
Semantics [WIDP12, Dan12, EdPG+10, Siv04, Wal76, ZHCB15]. **semi**
[MSZ09]. **semi-automatic** [MSZ09]. **sensitive** [KSLA08, LCL14, ZBP07].
sensitivity [HB13]. **Sensor** [BSI+15, LC02, MAK07]. **sensors** [ALL06].
Separation [KF91, WLMD16, LWM14]. **September** [ACM81, ACM04a,
ACM05a, ACM06c, ACM06b, Ano93, BW03, GHH+93, Jou85, JPTE94].
Sequence [EDS+15]. **sequential** [Clo85]. **Serialization** [BP01, BP03].
Series [Kee77, KAH83]. **Server** [Ano03a, Apr09, Bod10, Car06, CGS06,

Do11, Joo09, KSS09, KS10, LZ15, Lar09, LC09b, LC09a, Mar08, MG08, MG09, PZW+07, RWX+12, R+02, SWC08, Zim05, Zim06, A+04, AGH+15b, B+07, DBC+00, Hal08, IMK+13, LLS+08, LL14, LDDT12, MNT14, MRM06, R+13, RPE12, Wal02, YZW+13, AAH+03, Ano03a, B+07, D+04, Ham07, Lar09, MWHH05, OH05, R+06, Rul07, R+02]. **Servern** [Mar08]. **Servers** [DSM14, JJK+11, SDD+16, A+04, BBHL08, G+05, Hal08, JDJ+06, Mly09, SZ13]. **Service** [BB13, BFG+14, DKW15, DPCA11, LP14, LLW+16, RSGG15, BSM+12, CHCC07, EdPG+10, ECAE13, EMI13, KKB14, LZWC13, RCOW12, SZ13, VOS12]. **Service-Based** [LP14]. **Service-Oriented** [RSGG15]. **Serviceability** [RB01]. **Services** [BFHW75, IEE06b, MSS+15, WC01, BDS+09, HBP06, KBB11, KSLA08, LTZ+14, ZEdlP13]. **Set** [AC98, EL98]. **sets** [HW15]. **setups** [RPE12]. **SGAM** [ZLH+15]. **Shadow** [WLW+15]. **ShadowReboot** [YK13]. **Shared** [Bro89, CH08, Cro93, Low88, RLZ+16, RKRK17, SLM89, SV13, SNC91, SNS03, CFS+12, JGSE13, PW03, WWS89, WDCL08]. **Shared-Memory** [Cro93, RLZ+16, SLM89, WWS89]. **shared-source** [PW03]. **Sharing** [BFHW75, CDN02, MS70, PTM+15, SAB+07, LLS14, LTZ+14, TtLcC13, WTLS+09]. **shell** [FL13b]. **Short** [HW15]. **shortest** [AM16]. **shot** [JK15]. **Shoulders** [FS12]. **Showcase** [USE00a]. **showdown** [SCEG08]. **Shredder** [AMH+16]. **Shredding** [AMH+16]. **Shrinking** [Ste14]. **shuffling** [ZWC+14]. **Shuttle** [cCWS14]. **Sibling** [OG16]. **SIGACT** [ACM99]. **SIGCOMM** [RM03]. **SIGCSE** [ACM06d]. **SIGMETRICS** [ACM81]. **Signal** [MBK+92]. **SIGOPS** [ACM04a]. **SIGPLAN** [ACM01a, ACM99]. **SIGPLAN-SIGACT** [ACM99]. **SIGSOFT** [ACM01a]. **Silent** [AMH+16]. **SILLIAC** [Gre10]. **Sim** [Skr01]. **SIMD** [PSBG11a, PSBG11b, PBR+90, Sig89]. **Simics** [Ano14a, MCE+02]. **similarities** [CL14]. **similarity** [GVI13]. **Simple** [Bak83, Cox07, NOR15]. **Simplicity** [BGP00, DSSP06]. **simplification** [FS08]. **Simplified** [Beg12, PSC+07]. **simplifying** [Cla05]. **simulated** [GE85, WDSW01]. **Simulating** [HO92, Pou90, RPE12, TO91, ZR06, Skr01, WC91]. **Simulation** [ADG+92, AB16, DBMI92, JN15, KD78, Kut92, MCE+02, MBK+92, MJ93, PBR+90, PY93, Tur92, WB81, WWMG06, YP15, Ano94, BHvR05, Bur02, BS96, Clo85, DSSP06, IM93, KK79, LJN+00, NRS92, RMB02, SK13b, UBL+82, WWS89]. **Simulations** [LCT+15, BL90, DH01]. **Simulator** [CK96, CRZ83, Dun86, PCR89, Ber86, BR01, CMP+07, DC15, GBO87, Hog02, KW80, MRL02, YYPA01, Ano14a]. **Simulators** [NMHS15, Sup04, Yur02]. **Simultaneous** [LRZ16, ABB+15]. **Singapore** [Ano06a, TLC06]. **Single** [CCO+05, KP15, AGIS94, Fis91, LSS04, Mon97]. **single-chip** [Mon97]. **Single-Computer** [CCO+05]. **single-node** [LSS04]. **single/multigrid** [AGIS94]. **site** [CPST15, SSB+14]. **Sixth** [ACM05a, TLC06]. **Size** [Lam75, HPHS04, UTO13]. **Sized** [JJ02]. **Sizing** [VTW16, CSV15, WSAJ13]. **Skype** [Joo06]. **SLA** [AB16, EdPG+10, GTGB14, KKB14, ZHL16]. **SLA-based** [GTGB14, AB16, KKB14]. **SLA-driven** [EdPG+10]. **sledgehammer**

[LU04]. **Slice** [EMI13]. **Slim** [Abr80]. **Slimming** [WGF11]. **Sloop** [DZ02]. **Small** [JJ02, SSB03, DK75, HPHS04, SS72, WH08, WWT89]. **small-scale** [WWT89]. **Small-Sized** [JJ02]. **smalltalk** [FIF+15, BMWB86, BSUH87, G+88, Lee86, SUH86, TLD+89]. **Smalltalk-80** [BMWB86, BSUH87]. **Smart** [Ano03b, Rou07, WTLS+09]. **Smartphone** [DAH+12]. **SMIL** [Bru07]. **SMILemu** [Bru07]. **SMOK** [DZ02]. **Smooth** [DL89]. **smoothed** [CL14]. **SMP** [CL16a, KKJ+13, RZ14]. **Snapshots** [CWL+15, DS16]. **Snowbird** [ACM01a]. **SnowFlock** [LCWB+11]. **SOAR** [SUH86]. **SOC** [LVM16]. **social** [BTLNBF+15, LWLL16]. **Society** [IEE90a, IEE91]. **Soft** [Ano03a, XH16]. **Software** [Ano94, Ano03a, Ano03b, AE01, AMA+14, DBMI92, DL89, EDS+15, Hsu01, JMSLM92, JN15, KP99, Kna93, LTT92, LLW+16, Ost94, Par79, PBR+90, Sof83, SM06, Shr89, SAT09, Sta07, Tho93, YYL+15, vdK09, ACM01a, AA06, ALW15, AAB+05b, CBGM12, CFG+13, FP14, Guz01, LJR12, LWL16, MNT14, YJZY12, ZLZ13, ZHCB15, CK06q, CK06t, CK06r, CK06s]. **Software-Defined** [JN15, LLW+16, ALW15, LJR12]. **Solaris** [VSC+10, WF03, Gal11, HDM08, See10]. **Solution** [CHW12, CXLX15, Coh10, DMG+15, Gua14, KDB16]. **Solutions** [SL16, ATS16, AGIS94, EMI13, HN10, PZH13]. **solver** [TB14]. **solver-aided** [TB14]. **solvers** [GCARPC+01]. **Some** [Ker88, Man15b]. **Sorrento** [M+06]. **Sorting** [BGM70]. **SOSP** [ACM03b, Vra05]. **sound** [BHSB14]. **soundness** [Req03]. **Source** [Ano03a, SJV+05, SNS03, AAB+05a, But94, Cia07, JM08, LC09a, PW03, SIK+16]. **source-level** [But94]. **sous** [Apr09]. **SP** [IBM94]. **SP2** [Boz89]. **space** [PEL11, PG11, Web10, WXW15]. **space-efficient** [PEL11]. **spaces** [GH91a]. **SPAN** [RD90]. **Sparks** [VN08]. **sparse** [Kra90]. **sparse-matrix** [Kra90]. **Spatially** [HW93]. **SPC** [JYW+13]. **SPC-indexed** [JYW+13]. **Special** [Bag76, KM13, Yur02]. **Specialized** [BDK+08, PGLG12, Yur02]. **Specific** [HHV+02, WIDP12, JKDC05, ZS01]. **Specification** [Coh97, DMS02, LY97b, LY99, LYBB13a, LYBB13b, LYBB14, LS15, II79, Qia99, Sun95b, SUN97, JCV99, Taf11]. **SPECjvm98** [LJN+00]. **Speculation** [AC16]. **speculative** [GI12]. **speed** [RPE12, UTO13]. **SPEED08** [VW08]. **Spielesammlung** [CK06q, CK06t, CK06r, CK06s]. **Spin** [CWS12, WCS06]. **Spinlocks** [KMK16, OL13]. **SPIRE** [JYW+13]. **split** [SIJPP11]. **Spot** [TVKB16]. **Spotless** [MS00, SMES01]. **Spotlighting** [Ano06a]. **Sprache** [Dalxx, Dal97]. **Spreading** [CLW+14]. **square** [DG05]. **squeak** [Guz01]. **SqueakJS** [FIF+15]. **SR** [DYL+12, DCP+12, HB12, YWCF15]. **SR-IOV** [DYL+12, DCP+12, HB12, YWCF15]. **St** [IEE06a]. **St.** [ACM97]. **Stack** [AE01, Cia07, HB12, Ran02, WH99, KRCH14, LH13, WW77, SCEG08]. **Stack-Based** [Ran02, KRCH14]. **Stackdb** [JHE14]. **stage** [CLG+10]. **Standard** [MR04, RSF03, Ano94, Rus08]. **Standards** [Mar81, SG10a]. **standards-based** [SG10a]. **Stanford** [IEE96a, IEE97, IEE99]. **start** [KMT14]. **Startup** [HS06]. **State** [LJL+11, SGB+16, Sur01, TV12, Sch13b, Sig89, Ven99b, Web10].

State-Based [TV12]. **Stateless** [VDO14]. **States** [SBK15, IMK+13, MC98, STFH15]. **Static** [JM08]. **Sticky** [KC12]. **STM** [Sub11]. **Stochastic** [FX06, FK13, GR15, SDD+16]. **Stop** [LWB+15]. **StopWatch** [LGR14]. **Storage** [ACM04b, Att79, Bad82, BDT13, Cla05, FFBG08, KCWH14, LCK11, MJW+14, PPTH72, Rou07, VW08, ZSW+06, BN89, FLCB10, HJ10, HPcC04, JGSE13, PFH+16, Pat12, TLBW12, XJWW15, YLK+10, ZLLL13]. **Storages** [TF16]. **Store** [Low88]. **Storing** [CWL+15]. **Storms** [SB16]. **Story** [Arm98]. **strange** [Fab13]. **strategies** [BDT13, LLS14, PFH+16, TKG89]. **strategy** [DKF94, Won97, ZLZ15, ZLH+15]. **strategy-proof** [ZLH+15]. **Stream** [MV16]. **streaming** [BMER14, RSLAGCLB16, SIK+16]. **Streams** [MM93]. **stress** [MC98]. **String** [HOKO14]. **Striping** [DK93]. **Stripped** [JJ91]. **Stripped-Down** [JJ91]. **strong** [ZHCB15]. **structural** [ORPS09]. **structure** [MDFS72, SS72]. **Structured** [Das91, Gai75, CFS+12, IM75, Syr07]. **Structures** [AGLM91]. **student** [CKP78]. **Studio** [Ano03b]. **Study** [BBM+15, LJL+15, PK75a, HIIG16, HL13, KW13, Pul91, RHR02, SASG13, Sig89]. **Subroutines** [HT98, Qia99]. **Subset** [SUN97, Req03]. **Subsystem** [HH79, Ste14]. **Suitable** [Vog03]. **Suite** [DHPW01, DTW07, GPW03, SMSB11]. **Summary** [CFH+79]. **Summer** [Sof83, USE85, USE86]. **Sun** [Gal09a, Gal09b, Gal11]. **Superblock** [KS13]. **Supercomputer** [MBK+92, LPD+11, XH90]. **Supercomputing** [ACM89, ACM96, ACM00, ACM04b, ACM05c, Hir92, IEE90b, IEE92, IEE93b]. **Superconcurrent** [NRS92]. **superoptimization** [HW15]. **superscalar** [VdlFCC97]. **Support** [BP01, DJ77, HHV+02, HB12, LV99, NSL+06, RI00, SSG90, Tur92, BADM06, BTLNBF+15, BP03, CHCC07, CFS+12, DJ76, ORPS09, PGLG12, SJRS+13, STFH15, SL12, TY14, WK08, WCS06]. **Supporting** [BMS16, CWS12, Kim84, MSS+15, Mon97, RT93, XWJX15, YWCF15, ZZF06, GD08, TT93]. **Supports** [Ano03a]. **surgery** [PBL+16]. **Survey** [BAL15, KKLV16, KL14, Man15a, PS16, SB16, SGB+16, UOKT84, AGH+15b, CB10, MG13, PBB13]. **Surveyor** [Fra83, GHF83a, GHF83b, WNL+83]. **survivability** [YZW+13]. **survivable** [AM16]. **SUSE** [Bau06b]. **SVGrid** [ZBP05]. **SVM** [JAS+15]. **swapper** [ATS14]. **swapping** [ABG14]. **swarm** [JNR12]. **Swiper** [CRZH15]. **switch** [BR01, Ste14]. **Switching** [DMG+15, LBL16]. **Sy** [USE01c]. **Sydney** [MR91, Gre10]. **symbiotic** [LD11]. **symbolic** [TB14]. **SymCall** [LD11]. **Symmetric** [GMP89]. **symmetry** [PBL+16]. **Symposium** [ACM75, ACM03b, ACM05a, ACM06d, Ano00, Ano01a, Ano01b, Ano04a, Ano04b, Ano10, HHK94, IEE84a, IEE85, IEE90a, IEE91, IEE96b, IEE06a, Ost94, TLC06, USE91, USE93, USE00b, USE01d, USE02, Vra05, IEE96a, Ano02]. **Synchronization** [LJL+11, ZJXL11, Sub11, Uhl07, Ven97d]. **syntax** [KMMV14]. **Synthesis** [DMS02, BPB86]. **Syracuse** [IEE96b]. **System** [ACM75, Abr80, ABCC66, Ano10, Bad82, BFHW75, BBD+91, BGS89, B+05, Car13, CSS+13, CWL+15, DMR10, DM75, Fis01, G+06, GH91b, HXZ+16, HW93, HHC+16, IN87, Kam83, Kee77, KP15, Kut92, LP14, Li14, LCFL12,

LXM+16, MCE+02, Mat10, MS70, MDGS98, MB98, MS91b, MM94, NMS+14, P+08, R+06, Sch86, SLM89, SVN+10, Shi03, Shr89, Ste05, WLW+15, WK90, ZSXZ07, ZQCZ16, ZZF06, ZXY+15, AEMWC+12, AL05, AH12, ACT94, Bar78, Bor07, Bur02, Caa00, CWH+14, CK06b, CK06e, CKP78, FFBG08, Fis91, HN08, HKD+13, HC12, IBM88, Int88, KCKC15, KK79, LJN+00, Lia05, LDL+08, MD73, MD74, MDFS72, PRB07, PK75b, Rob06, SNV10, SPF+07, SZ13, SS72, STY+14, TC10, Vag10, Van06, VMBM12, VSC+10, WKT08, WH08, WWT89, WF07, WC91, ADG+92, ABDD+91, Car14, Gum83]. **System** [SNC91]. **System-level** [SVN+10, AL05]. **System/370** [Gum83]. **System/6000** [ABDD+91]. **System/9000** [ADG+92]. **Systemarchitecktur** [See08a]. **Systeme** [WF03]. **Systems** [ACM81, ACM03b, Ano99, BBMA91, BHI15, CD12, CAF+91, Das91, DJ77, Her10, IEE93a, IEE01, Lar09, LW11, LJZ12, MM93, MJW+14, MKKE12, RT93, SL14, SS75, SVB93, SL16, THB06, USE99, USE01b, Vra05, WLMD16, AJH12, ALW15, Ano93, AAB+05c, BSSM08, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CK06a, Com00, CGV10, CLDA07, Dav04, Don87, DJ76, FP14, FLCB10, GHH+93, Ham76, HH13, JSK+13, KCS14, Kou11, LWM14, LZWD15, LCL14, MRC+13, NS07, NV05, PSC+07, RVJ+01, RJK16, Ros06, SJB14, SK13b, SSMGD10, SJJ+12, SN05b, Sto07, Syr07, TT93, THC+14, Vac06, Vit14, WR07, WKC+09, YK13]. **Systemverwaltung** [Lar09].

Tables [WLW+15]. **tackle** [Sub08]. **tactics** [OG16]. **Tail** [War80]. **Taipei** [SS05]. **Taiwan** [SS05]. **Take** [Kis08]. **Taking** [Uhl06]. **Taming** [CZL08, HHPV15]. **Tape** [DK93]. **target** [FCG+05]. **Targeting** [CDG97]. **Targets** [Sta07]. **Task** [KMM13, PCC+16]. **Tasking** [MB98, Shi03, JDJ+06]. **tasks** [YQZ14]. **Taxonomy** [SGB+16, AGH+15a]. **TCB** [HCJ07, HPHS04]. **TCP** [CL16b, GKXK13, GI12]. **teach** [Don88]. **Teaching** [Ågr99, Dav04, Don87, GGG03, ME87, Guz01, Ham76, KW80, MS01, NV05, WKC+09, YYPA01]. **teasing** [LBF12]. **Technical** [ACM06d, Ano06b, Han16, OH05, USE01a, USE06, BB08, Int06c, Int06a, LC09a, Wal10]. **Techniken** [Tho08]. **Technique** [JHS12, JMSLM92, LTT92, SMK02, ACT94, SLA+16, XHL+13, YKS16]. **Techniques** [ACM06b, LJL+15, OVI+12, SIdLB15, Tho68, UOKT84, ZZF06, AA06, AH12, BADM06, HSC15, IM93, KS13, KRG+12, SSN12, SHTE11]. **technische** [LC09a]. **technologie** [Apr09]. **Technologies** [DF96, PZW+07, USE99, USE01b, Cla05]. **Technology** [Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, DLM+06, Don06, Got07, Her06, RG05, USE01c, USE01d, USE02, UNR+05, WHD+09, Apr09, Int05a, Int05b, Int06b, Int06c, Int06a, AJM+06, NSL+06, NKK+06, RSW+06, Uhl06]. **Tele** [HMS04]. **Tele-lab** [HMS04]. **telehealth** [WQG15]. **template** [WRX11]. **Temporal** [CWdO+06]. **tenant** [YKS16, ZRZY15]. **terminal** [CKT08]. **terminals** [IIK+06, ISE08]. **Terra** [BSI+15]. **Tesseract** [ABG14]. **Test** [SM06, ABDD+91, IIPB09, LLS+12]. **testbed** [HLW+10, ZGW+06]. **testbeds** [ACM06c]. **Testboard** [Kut92]. **Testing**

[Ame13, DKF94, GFB+92, KLF+15, Ost94, VS06, CSS+16, KFF12]. **Texas** [ACM75, ACM06d, USE01b, IEE02, IEE03]. **their** [EF94, KCV11, SS13]. **Theorem** [BW03]. **Theoretical** [Kna93]. **theory** [WSAJ13]. **Things** [Gal09a, Gal09b, Gal11]. **Third** [Ano04b, CRZH15, PG74]. **Third-Party** [CRZH15]. **thousand** [SK13b]. **thousand-core** [SK13b]. **Thread** [MP01, BKC+13, Ven97d]. **threaded** [SE12, tTR82]. **threads** [UR15]. **Threat** [SL16]. **threats** [PZH13]. **Three** [YYPA01, Vit14, YZW+13]. **Throughput** [GKXK13, GI12, ZSW+06]. **Thunderbird** [Joo06]. **ticket** [OL13]. **tier** [WDCL08, ZNSL14]. **Time** [Bad87, CW03, Fuj91, Hu90, HWB03, HS06, LTE12, MS70, Sta97, AS76, ACT94, ABC+07, BBS06, DEE+16, HK07, HcC14, Ive03, KJ13, KBB11, LD05, MNT14, QT06, She91, Ste14, TSLBYF08, WQG15, YK13, ZEdlP13]. **Time-Constrained** [LTE12]. **Time-Sharing** [MS70]. **timebombs** [CWdO+06]. **Timing** [Hu90, HWB03, LGR14]. **tiny** [LC02]. **TM** [Qia99]. **Tolerance** [JKJ+10, ZJXL11, RCOW12, YLH14]. **Tolerant** [FK03, Kim84, YWR+14, SNV10]. **Tool** [Ano03b, Wil01, KK79, Lia05, Skr01]. **toolkit** [DZ02, PW03]. **Tools** [AC98, Cal75, GG11, LC09a, MJW+06, PY93, QNC07, ACM01a, EL98, YYPA01]. **top** [KMT14, PBWH+12, Won97]. **Topics** [IEE01]. **topological** [KKM+13]. **Topology** [dSdF16, AM16]. **Topology-Aware** [dSdF16]. **Toronto** [Sof83]. **TotalStorage** [D+04]. **TPC** [NP13]. **TPHOLs** [BW03]. **TPM** [KC12]. **TR** [Int05b, Int06c, Int06a]. **Trace** [MZG14, DC15]. **tracing** [BT15, PFH+16, WKJ15, Wol99]. **Track** [Shr89]. **Tracking** [JADAD06a]. **Tractable** [KR94]. **Trade** [SIdLB15]. **Trade-offs** [SIdLB15]. **tradeoff** [UTO13]. **Tradeoffs** [CMM+06a, CMM+06b, CMM+06c]. **trading** [LWLL16]. **Traffic** [BBM+15, CGC16, PCW+16, FLL+13, IKU15, WZV+13]. **Traffic-Aware** [CGC16]. **traffic-intensive** [IKU15]. **transactional** [CMM+06a, CMM+06b, CMM+06c, ZHCB15]. **Transcendent** [VTW16]. **Transfer** [HHC+16]. **transfers** [DPBK16]. **Transformation** [WIDP12]. **transformations** [HB08]. **transient** [LRC05]. **Transition** [MBWW86, Syr07]. **Translation** [JXL+12, LH16, CFG+13, JYW+13, Oi05, Oi06, Oi08]. **translation-based** [Oi05]. **Translational** [WIDP12]. **translations** [UTO13]. **Transparent** [BZA12, FK03, JKJ+10, MSI+12, MRC+13, YJZY12]. **Transputer** [Boa90, GHH+93, Boa90, GHH+93]. **travel** [TSLBYF08]. **Traveling** [YK13]. **traversal** [YTS14]. **Tree** [Hal79, KMMV14]. **trenches** [HN10]. **Trends** [RG05, AH12, JPTE94, vD06]. **TRI** [ACM97]. **TRI-Ada'97** [ACM97]. **tries** [SV15]. **Trigram** [Cox12]. **Troubleshooting** [WF03]. **Trusted** [DPW+09, SVB93, BCP+08, KSLA08, WH08]. **Truthful** [NMG15]. **TSAC** [WZL15]. **Tucson** [IEE05]. **Tuning** [EDS+15]. **Tutoring** [GH91b]. **TVDc** [BCP+08]. **Twelfth** [MR91]. **Twenty** [MS91b, Shr89]. **Twenty-Fourth** [MS91b]. **Twenty-Second** [Shr89]. **TwinDrivers** [MSZ09]. **twins** [HCJ07]. **twitter** [Guy14]. **Two** [SSG90, TF16, BSSM08, HCJ07, LUL+05]. **two-dimensional** [BSSM08]. **Two-level** [SSG90]. **Two-phase** [TF16]. **TX**

[ACM99]. **Type** [ADM98, Arv02, KCV11, PRB07]. **type-** [Arv02]. **Type-Precision** [ADM98]. **Typed** [G+88, BDT13, KRCH14]. **Types** [Wel94]. **TypeScript** [RSF+15]. **Typing** [RSF+15].

u.v.a [Tho08]. **UKCF** [JXL+12]. **umfassende** [Bod10, Fis09]. **Umgebng** [CK06p]. **Umgebung** [CK06a, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06q, CK06t, CK06r, CK06s]. **UML** [Fre05, RFBLO01]. **UMLexe** [Fre05]. **underlying** [FBZS12]. **Understanding** [FRM+15, Set13, ZRZY15, LWB+15]. **Undocumented** [Sch94b, Sch94a]. **Unified** [MBA+12]. **Uniform** [Eug06, Bod88]. **Unifying** [MD12]. **unique** [AM16]. **United** [Vra05]. **uniting** [LUL+05]. **Units** [Vol90]. **UNIVAC** [Kam75]. **Universe** [Nel04]. **Universities** [Sta07]. **University** [ACM75, ACM81, Gre10, IEE96a, IEE97, IEE99]. **UNIX** [JJ91, KAH83, Gen86, HO92, Kal97]. **Unknown** [CLW+14]. **unleashed** [Ano97b, HH08, MG08, MG09]. **Unmodified** [MKKE12]. **Unpicking** [LBF12]. **Untrusted** [CD12, HKD+13, HPHS04, ZBP05]. **upcalls** [LD11]. **update** [J+05]. **updating** [CCZ+06]. **upgrade** [CHCC07]. **Upgrades** [Ano03a]. **uptrees** [HB13]. **UPWN** [M+06]. **USA** [ACM81, ACM01a, ACM03b, ACM05a, ACM06c, ACM06b, ACM06d, Boa90, IEE93a, Shr89, USE01c, ACM75, ACM05d, ACM06a, Ano01b, Ano04b, IEE84b, Ost94, USE85, USE86, USE91, USE93, USE99, USE00a, USE01a, USE01b, USE06]. **Usage** [RSW+06, WH99, SK13c]. **USB** [Ano03a]. **Use** [Bec09, CLŁS12, Guy14, KK79, Sch13a, SJJ+12]. **used** [tTR82]. **useful** [LC09a]. **USENIX** [Sof83, USE91, USE93, USE06]. **User** [Chu06, ZQCZ16, Ano93, ACT94, Bor07, Guz01, PG11, RSC+15, Sto07, ZLZ13, CKT08, Dav04]. **user-controlled** [Sto07]. **User-Level** [Chu06, ZQCZ16, ZLZ13]. **user-space** [PG11]. **User-terminal** [CKT08]. **Users** [Boa90]. **userspace** [Ste14]. **Using** [AAF+09, ABV12, ALL06, Bas04, Bas06, BRX13, CCO+05, DBMI92, Don88, Guz01, HLW+10, JMSLM92, LJN+00, LTT92, LD05, MV16, PEC+14, RSW+06, See10, SM06, SYB12, SAT09, SBK15, SXCL14, WDSW01, Wil01, Wol99, XSC13, ZBP07, Ågr99, ATS16, AWR05, AGIS94, BSM+12, BHvR05, CL14, CCZ+06, Dan12, FFBG08, FL13b, HJ10, HN08, HPHS04, JNR12, JGSE13, Juo07, KKM+13, KJJ+16, KL13, Kou11, KRG+12, LDL14, LQW+12, NV05, PBL+16, RP07, SGV13, SSN12, SIJPP11, SIK+16, STFH15, TSLBYF08, TF16, VT14, YK13, YLWH14, YWF09, YWCF15, ZLZ13]. **UT** [Ren78]. **Utah** [ACM01a, CK87]. **utility** [CSV15, PSZ+07]. **Utilization** [KCKC15]. **Utilizing** [GVI13, KOY05].

V [Gal09b, Lar09, LC09a, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. **V2E** [YJZY12]. **validation** [SSB01]. **Value** [TF16]. **vApp** [SG10a]. **Variable** [ADM98, Lam75, Oi05, Oi08]. **VAX** [KZB+90, LJZ12]. **VAX/SVS** [LJZ12]. **vCloud** [KMK10]. **VCP** [Khn09]. **VCPU** [WCC+16a]. **vCUDA** [SCSL12]. **VDE** [GD08]. **Vector**

[Abr80, LRZ16, WWS89, Ble89, SZ88]. **vectorized** [SZ88]. **VEE** [ACM05d, ACM06f]. **VEEs** [LCT+15]. **Vegas** [ACM81]. **vehicular** [YBZ+15]. **Vergleich** [Zim05]. **verifiable** [CMP+13, PK75b]. **Verification** [ABDD+91, JE12, JES+15, LLS+12, PBL+16, SSB01]. **versatile** [SN05b]. **Version** [Bru07, Sim92, WR07, WR08, Ano94, Ano14a, IBM96, MIS+05]. **versioning** [STFH15, WF07]. **versus** [DK75, HPHS04, SCEG08, VED06]. **vertical** [STY+14]. **Verwaltung** [Zim05]. **Very** [SSB03]. **VFe** [Ano05]. **vGreen** [DMR10]. **VHDL** [FS89]. **VI** [Int06b]. **via** [FL13a, GI12, GLLJ16, HB13, KJM+07, LJL+11, MSS+15, QZDJ16, SDD+16, XWJX15, YTS14, ZSW+06]. **viable** [HW15]. **viele** [WR07, WR08]. **vieles** [Joo06]. **view** [Guy14, LDDT12]. **Views** [PW03]. **Vigilant** [PBYH+08]. **VIII** [IEE01, IEE96a]. **ViNEYard** [CRB12]. **Violation** [ZHL16]. **violations** [BSM+12]. **virtio** [Rus08]. **Virtual** [ACM05d, ACM06f, AS85a, ABCC66, AEM+14, ADM98, AGH+15a, AAB+05a, ABV12, Ano97a, Ano97b, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Ano05, fLtNW14, AE01, Apr09, Arc07, AD11, Att79, AC98, AMA+11, BWP85, BFHW75, Bak83, Bal91, BMS16, BP99, BDF+03, BDJdS02, BSSS14, BDF+99, Bee05, BCC+15, Bel06, BB13, BN75, BHDS09, BBHL08, BFG+14, BWD+15, BBM+15, Blu02, BBM09, BD01, BP01, BP03, Bro89, BRX13, BBS06, B+07, Caa00, CTS+93, CW03, CCWY05, CFH+79, CFH+80, CWL12, CCML12, Car13, CK87, CFVP12, CWS12, CHCC07, CF00, CT03, CSS+13, CGC16, CL16a, CL16b, CRZH15, CCO+05, Cla97, Coh97, CDG97, Cox09, Cra05, Cra06, Cra98, CH78, CWG00, CWL+15, CDN02, Dalxx, DAH+12, Dal97, DHPW01, Dan86, DSM14, DG05, DEK+03, Den01, DMR10, DKW15]. **Virtual** [DF96, Do11, DGLZ+11, Dom80a, DJ76, DJ77, DCA04, DLS+01, EGR15, EGJS15, ECJ+16, Eng99, EG01, Ert03, EDS+15, FFB+00, FG91, Fis01, FPS+02, (Fo71, (Fo78, Fra98, FK03, FL13a, Gai75, G+01, GIK+99, Gei02, Gen86, GGG03, Gum83, HHV+02, HHW10, HT98, Hal79, HM01, HH79, HKKW13, HWB03, HS06, HB08, HPP15, IBM85, IBM88, Int88, Ian14, Ibs84a, Ive03, JR02, JHS12, JJK+11, JE12, Jen79, JXL+12, JMSLM92, JQWG15, JAS+15, JN15, JKJ+10, JADAD06a, JDJ+06, JJ02, Juo07, KCWH14, KC16, KS08a, KMK16, KNT02, KF91, Ken80, KDB16, Kim84, KJL11, gKEY13, KKJL14, KP15, KAH83, KGZ+04, KLF+15, LCWB+11, Lam75, Lau87, Law00, LW11, LP14, LLW98, LMG00, LMG01, LTE12, Li14, LZL+15, LZWD15, LVM16, LWLL16, LB98, LV99, LTT92, LD05, LY97a, LY97b, LY99, LYxxa, LYxxb, LYBB13a]. **Virtual** [LYBB13b, LYBB14, LHAP06, LWLL10, LJL+11, LW12, LJL+15, LFBB94, Loy92, LXM+16, MSG14, Mac79, MS91a, Man15a, Man16, MD12, McG72, Men03, MS70, MD97, MDxx, MDGS98, MLG+02, MB98, MKKE12, II79, MP01, MJW+06, MM94, NBH08, NMG15, Nel04, NSJ12, Nou92, OT97, Oi05, Oi06, PTHH14, PPTH72, PSBG11a, PRB07, Pfo13, PS16, PCC+16, PK75a, Pro00, Qia99, QT06, Ran02, RLZ+16, Ren78, Rev11, RY10, RI00, Ros99, Ros04, RG05, RB01, SMK02, Ibs84b, SL14, San88, SSB+14, SD01, SH04, Sch13a, SMES01, Sch09, Sch94b, Sch94a, See10, Set13, SMSB11, SSB03,

SCEG08, SCSL12, Shi03, SM01, SGV12, SV13, Sim92, SCP93, Siv04, SSG90, SN05a, SN05b, SHZ+14, Sta97, SSB01, SHB+03, SVL01, Sun95b, Sun95a, SUN97, JCV99, Sup04, SM02, Sur01, TSLBYF08, Tai98, TT96]. **Virtual** [TMV12, TY14, Tol98, TO96, TV12, USE01c, USE01d, USE02, UT87, UBF+98, UR15, Vag10, VTW16, Ven97a, Ven99a, VL00, Vog03, Vol90, WL96, WIDP12, WH99, Wal99, WB81, WLW+15, Wel94, WGLL13, WZL15, WLLZ16, WCSG05, WHD+09, WP97, Wol99, Won97, WWMG06, XKY+11, XSC13, XHL+13, XWJX15, XLL+14, XLJ16, YC98a, ZS01, ZLW+14, ZRD+15, ZRS+16, ZL16, ZZF06, ZLL+16, Zho10, ZHL16, ZJXL11, Zim05, ZR06, Zyt94a, Zyt94b, dSdF16, vD00, vLSM01, Ågr99, AEMWC+12, Abr82, AS85b, AGSS10, AAH+03, AGH+15b, AAB+00, AAB+05b, Ame13, AGH+16, Ano94, Ano96, AO16, ATS16, AFT01, ABC+07, Arm98, AWR05, AAM+16, Arv02, AS14, ANH00, BAC15, Bag76, BML+13, BSM+12, BDF+98, BDS+09, BHvR05, Beg12, BPC94, BB12, BB15, BCP+08, BCM90, Bir94, BADM06, BFC02, Bri98]. **virtual** [CARB10, CL14, CD14, Car14, CEG07, Cav93, CS76, CBLFD12, CH08, CRB12, CK06a, CK06e, Cof99, CGV10, dCCDFdO15, CWdO+06, CLDA07, CLL+13, CD01, DPW+09, DDS+94, DSC+08, DP11, DM93, DC15, DBC+00, DQLW15, Don87, DSZ11, EGD03, EGKP02, EG03, Ert05, EL98, EMS15, FLL+13, FM90, FBZS12, Fit14, FHL+96, FGLI15, FF96, FLM+08, FCG+05, Fre05, FX06, Fu10, GP13, GTGB14, GI12, GVI13, Gol73, GCARPC+01, GPW03, GR80, GBCW00, GLV+10, Hal09, HJ10, HN08, HZZ+14, HUL06, HDG09, HcC14, HPHS04, HSC15, IBM94, IBM96, IKU15, JSK+13, JK15, JES+15, JKK+13, JNR12, JGW+11, JDW+14, JGSE13, JADAD06b, Kal97, KOY05, KSSG16, KSO+15, KRCH14, KBB11, KCS14, KJLY15, KCKC15, KFF12, Kou11, KCV11, LBP+07, LMJ07, LBZ+11, LC02, LM99, LBL16, Lia05, LJL12, LQW+12, LC13, LL14, LTZ+14]. **virtual** [Lot91, LSS04, LG93, MSG+12, MD73, MD74, MSG01, DPBK16, Man15b, MRM06, MBM09, MNA16, MS00, MN03, MC93, MG13, MN91, MST+05, hTMAC+08, MAK07, NK10, NOK+85, NOR15, NV05, OG16, Oi08, OMB+15, ORPS09, PFH+16, PEL11, PSBG11b, PMC05, PBYH+08, PV08, Pul91, RHR02, Raj79, RZ14, Req03, RFBLO01, Rus08, SJB14, SS13, SNV10, Sch13b, SSMGD10, SHLJ13, SSN12, She91, SJJ+12, SJW+13, SASG13, SGGB99, SGGB00, SKC73, Smi97, SSL+13, SMA+10, Spi06, Ste14, SSU+12, Str13, SZL+14, SK13c, SLA+16, SHTE11, Syr07, TMLL14, Tay76, tTR82, TGCF08, TIIN09, TMMVL12, TB14, TDG+06, Tsa14, TtLcC13, Tur84, Vac06, Van98, VT14, Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VED07, VVB13, VDO14, WGF11, WKT08, WRX11, WZV+13, WQG15, WKJ15, WHC16, WR07, Web10, WK08, WH08]. **virtual** [WCS06, WW77, WSVY09, WRSvdM11, WRS+15, XCJ+14, XHCL15, XJWW15, XZZ+16, YC98b, YME05, YZW+13, YLH14, YLHJ14, YBZ+15, YLK+10, Yel99, YWF09, YGN+06, YWGH13, YQZ14, YTY00, ZG13, ZXW16, ZBG+05, ZLZ15, ZLH+15, ZWHC17, ZBP05, ZBP07, ZWL09, ZL13, ZLLL13, ZWC+14, AGIS94, BPB86, Cza00, Fuj91, KM13, Mon97, PEC+14, Ros99, VED06, Wel02]. **virtual-machine** [HUL06, HPHS04].

Virtual-Machine-Based [JN15]. **virtual-time** [She91]. **Virtualbox** [Deu08, Bec09]. **virtualisation** [Apr09]. **virtualised** [MPF+06]. **virtualisierte** [Mar08, Kar07]. **Virtualisierung** [Spr06, Spr07]. **Virtualisierungs** [Tho08]. **Virtualisierungs-Buch** [Tho08]. **Virtualisierungslösung** [See08a]. **Virtualisierungslösungen** [PO09]. **Virtualisierungssoftware** [Zim05]. **Virtualisierungssystemen** [Deu08]. **Virtualities** [Den01]. **Virtualizable** [HH13, PG74]. **Virtualization** [AJM+06, AAJD+16, APST05, Ano03b, AvMT11, Bac11, Ble10, BHEP14, BDR+12, CZL08, CLS07, CGS06, CHW12, CXLX15, CWH+16, CD12, CDD13, cCWS14, CLŁS12, Chu06, Coh10, Cre09, Cre10b, CGW07, DMS02, DW14, DPCA11, DLM+06, Don06, DMG+15, FPR+06, Fer11, FDF05, FRD+08, Gal09a, Gal11, GW07, Got07, GG11, HWF07, Her06, HHC+16, HDM08, HB12, KS08a, KMM13, KS08b, Kot10, Kot11, KC12, LH16, LLW+16, LRZ16, LCFL12, LDDT12, MA10, MCZ06, MUKX06, MWHH05, NSL+06, NKK+06, NsP16, OVI+12, PZW+07, PHL+12, PZH13, PvDS08, PNT12, PST+15, QNC07, RSW+06, RCM+12, R+06, RKRK17, RWX+12, RR09, Sed07, SM06, SGB+16, SYB12, SAT09, SIJPP11, Spr07, Sta07, SKYK16, Swa06, THLK10, TF16, Tre05, UNR+05, Uhl06, UVL+13, VN06, VN08, WDCL08, WWH+16, WC01, WG07, WH05]. **Virtualization** [XH16, ZSXZ07, ZQCZ16, ZZF06, ZXY+15, vMAT14, vdK09, AA06, AKK+07, AAF+09, A+04, AH12, ALW15, AJD09, Ano14c, Ano15, Apr09, AAB+05c, ABB+15, BDF+03, BBD+10, BRIdM10, B+05, BB08, Bor07, BH13, BC10, BTLNBF+15, BSMF08, B+07, CSSS11, CBER09, CDM+10, CFG+13, CWH+14, CL15, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CB10, CMM+06a, CMM+06b, CMM+06c, Cia07, Cla05, CKT08, Cre08a, Cre08b, Cre10a, CB07, DYL+12, DCP+12, DS09, Dre08, EdPG+10, ECAE13, FFBG08, FP14, FJKK17, FLCB10, FS08, FK13, FSH+13, GLA+08, G+06, G+05, GTN+06, GAH+12, HLW+10, Hal08, Han16, HIIG16, HN10, HPcC04, HC12, IIK+06, ISE08, IMK+13, J+05, JM08, KVV09, KSRL10, KKB14, KL13, Kro09, LPD+11, LD11, LUL+05, LLW+12, LZWC13, LQW+12, LCL14, LWL16, LLS14, LP11, LDL+08, MRM06, MSI+12, MDD+08]. **virtualization** [MIS+05, MBA+12, MBBS13, Mly09, MR06, NB11, P+08, PG11, PBB13, QZDJ16, RSC+15, RQD+17, Rix08, RSLAGCLB16, Ros06, Rou07, SVN+10, SJRS+13, SWcCM12, SPF+07, SAB+07, SWC08, SL12, TLBW12, VW08, VSC+10, VOS12, WR12, WZW+11, WCC+16a, WCC16c, WCS09, WJGA12, XKY+11, XZ11, YKS16, YJZY12, YTS14, YLH14, YLWH14, ZEdlP13, ZSR+05, ZSW+06, ZLZ13, vD06, vH08, Gua14]. **Virtualization-Based** [CDD13, AAJD+16, DPCA11, WDCL08, CGL+08a, CGL+08b, CGL+08c, QZDJ16]. **virtualization-driven** [CSSS11]. **Virtualized** [EGR15, GKXK13, LZ15, SB16, SL16, SDD+16, WIS+15, WKC+09, WLMD16, YWCF15, AJH12, ATS14, BGS13, BSSM08, HOKO14, HL13, KW13, KSRL10, KRG+12, LWM14, LC13, MNT14, NS07, PSZ+07, PSC+07, SG10b, TRG13, WWWL13, WTLS+09, ZWC+14]. **Virtualizing** [BTMS10, SB10, SVL01, WRS13]. **VirtualKnotter** [ZWC+14]. **Virtually**

[Spi06, WL96, Tre05]. **VirtualPower** [NS07]. **virtuelle** [WF03, WR07, WR08, Zim05, Zim06]. **virtuellen** [CK06a, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s]. **Virtuoso** [DGLZ+11]. **VIRTUS** [IIK+06]. **Vision** [Arm78]. **Visual** [Fra06, Fra09, MC98, Wil06, Hee07, Hog06, Hog08]. **Visualization** [Nel04]. **Visualizing** [WT91]. **VLISP** [Ram93]. **VLSI** [IN87]. **VM** [Ano01a, Ano04a, Ano04b, Ano03a, AB16, ABG14, Att79, Bar78, BN89, BT15, Boz89, Cal75, CBZ+16, Fis91, FL13b, GH91a, GHD12, HXZ+16, HC12, HW15, IBM94, LBF12, LJZ12, LWLL10, MSS91, MLA83, NOK+85, OJG91, SHW+15, SBK15, SNC91, SIdLB15, Wal10, YZLQ14, YWR+14, ZFL15]. **VM-protected** [GHD12]. **VM-scaling** [AB16]. **VM/370** [Att79, Bar78, Cal75]. **VM/4** [NOK+85]. **VM/application** [LBF12]. **VM/ESA** [Fis91, IBM94, MSS91, OJG91, SNC91]. **VM/Pass** [MLA83]. **VM/Pass-Through** [MLA83]. **VM/XA** [BN89, Boz89, IBM94]. **VMBackup** [ZXW16]. **Vmgen** [EGKP02]. **Vmknoppix** [Deu08]. **VMM** [ALL06, Car14, DQR+13, KZB+90, LD11, LHAP06, RQD+17, SM90]. **VMM-based** [ALL06]. **VMM-Bypass** [LHAP06]. **VMM-to-guest** [LD11]. **VMMB** [MKKE12]. **VMP** [JNR12]. **VMPlanner** [FLL+13]. **VMPlants** [KGZ+04]. **VMPP** [Loy92, LG93]. **VMs** [KMT14, KKJ+13, RJK16]. **VMScatter** [CLL+13]. **VMThunder** [ZLW+14]. **VMWare** [Joo06, CK06f, Ham07, Khn09, KGG00, Tho08, Zim05, Zim06, Bas04, Bas06, War05, Wil01, AAH+03, Ano03a, Ano03b, BBD+10, Bau06c, Bor01, BDR+12, CK06f, Com00, Com03, DS09, D+04, Gal09b, GKBB15, Hal08, Hal09, Her10, IIPB09, Kis08, KMK10, Lav10, Low08, Low09, Low11, LMG+14, MRM06, MBM09, McC08, MWHH05, MJW+06, Ng01a, Ng01b, NL00, OH05, Ros99, Rul07, R+02, See10, SIK+16, SVL01, TH10, Wal02, Wal99, War02, WF03, War11, Zim05, Zim06, B+07]. **VNC** [RSLAGCLB16]. **Vol.II** [Shr89]. **Volatile** [AMH+16, HN08]. **Volume** [AvMT11]. **Vorstellung** [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f, CK06k, CK06m, CK06l, CK06n, CK06o, CK06q, CK06t, CK06r, CK06s]. **VPC** [KJM+07]. **VPFS** [WH08]. **VPN** [MSI+12]. **vs** [Gal09b]. **VSA** [SHLJ13]. **VSched** [LD05]. **VSim** [RPE12]. **vSphere** [Gal09b, Lav10, Low09, LMG+14, Fit14, Hal09]. **vSphere5** [Low11]. **VSwapper** [ATS14]. **vulnerabilities** [RY10]. **Vulnerability** [CRZH15, JKDC05]. **vulnerability-specific** [JKDC05]. **Vulnerable** [JSHM15, JAS+15].

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