

A Bibliography of Publications about Virtual Machines

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11 March 2025
Version 1.436

Abstract

This bibliography records books and other publications about virtual machines.

Title word cross-reference

\$32.95 [Ano97a]. **5** [ALW15, HH18]. ***TM*** [Cza00]. ***TP*** [LTK17]. ***d*** [XDLS15].
HV²M [CBZ⁺16]. ***n*** [WZKP19]. ***ω*** [Arv02]. ***Π*** [Syr07]. ***V²*** [DG05].

-dienste [WF03]. **-Enabled** [SB18]. **-Tier** [WZKP19].

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

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

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 [Fli77, Pul91, Sch94a, WDSW01]. **1-4** [Ano06a]. **1.x** [KGG00]. **'10** [Ano10, Gal73, See10, VSC⁺10, YCL⁺18]. **10.0** [Bau06b]. **10GE** [HB12]. **11** [Ham76, PK75a]. **11/40** [GBO87]. **11/60** [SP83]. **1100** [Kam75]. **11th** [ACM04a]. **12th** [IEE85]. **14-16** [ACM06f]. **148** [Ano15]. **15th** [ACM06b]. **165** [IBM76a]. **168** [IBM76a]. **16th** [BW03, Ano93]. **17th** [Ano10]. **180x86** [Law00]. **19** [Cap21]. **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]. **2018** [Kol19]. **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** [Kam75]. **360/40** [ABCC66]. **370** [Att79, Bar73, Bar78, Ber86, Cal75, Com82, GLC84, Gum83, IBM72, IBM73, IBM76a, IBM76b, McC74, Olb78, SM79]. **37th** [ACM06d]. **390** [DBC⁺00]. **3rd** [ACM05b, ACM06e, Ano04a].

4 [Gal09b, G⁺06, Lav10, Low09, NOK⁺85]. **4-7** [M⁺06]. **40** [Com82, GBO87]. **43rd** [ACM06a]. **440** [R⁺02]. **4th** [USE00a].

5 [IEE02, War05]. **5.2** [McK04, P⁺08]. **5.5** [Bau06c, LMG⁺14]. **5G** [CM18, HCB18, MVMHL24, RNA⁺22, SP22, XWW⁺21, ZLZ21a]. **5L** [Mly09].

60 [SP83]. **6000** [ABDD⁺91]. **64** [De 06, Don06]. **64-bit** [VED06, VED07]. **67** [Bar73, Par72]. **6G** [AAT⁺22, PF23, RNS⁺23, SCC⁺23]. **6G-based** [AAT⁺22]. **6th** [USE01b].

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

8 [LYBB14, She02]. **80** [BMW86, BSUH87]. **84** [IT86]. **84/K** [IT86]. **'89** [ACM89].

'90 [IEE90b]. **9000** [ADG⁺92]. **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]. **ABC** [KSS⁺20, KSS⁺23, JFPL16, JFZL17]. **ABC-BA** [KSS⁺20, KSS⁺23]. **Ability** [RI00]. **Abnormal** [BSOK⁺20, ZZW⁺24]. **above** [LSPP⁺23]. **Absorbing** [MTFK19, RHR20]. **Abstract** [Wel94, KMMV14, CK87]. **Abstraction** [YLH17, Sch09, YWTC15]. **Abstractions** [BJH⁺16, MD12, Tsa14, UR15]. **Abundant** [ZCJ⁺21]. **Accelerated** [MTFK19, NRdA⁺20, SCSL12, SWF16, BHDS09, SPAK18]. **Accelerates** [Ano03a]. **Accelerating** [BSSM08, LSX⁺24, MNS⁺14, ZLBF14, KKC⁺16]. **Acceleration** [DEK⁺03, FLZ⁺20, NTL⁺24, WZL⁺23, YML⁺18, PRS16, Wu13, XZZ⁺16]. **Accelerator** [LWB13, RSV24, SXXM⁺18, CLM24, GGK19, GKT17, JAC⁺19, LKY⁺17]. **Accelerators** [GLL⁺21]. **Access** [DL19b, Fie68, KCWH14, KP15, LSX⁺24, LZW⁺17, MK13, Mar73, MSI18, WLCS17, WWL⁺17b, YI24, Bor07, BTLNBF⁺15a, CWC⁺14, CFS⁺12, HCB18, MN91, Oi08, PSC⁺07, XJW⁺18]. **Accesses** [WVT⁺17]. **account** [Yel99]. **accountability** [HBP06]. **Accounting** [JSHM15, CMP⁺13, HB08]. **Acculock** [XXZ13]. **accuracy** [CEG07, EG03]. **Accurate** [HLW⁺23, RRB17, ZDLG17, SK13b, XXZ13]. **ACDC** [AHK⁺15]. **ACDC-JS** [AHK⁺15]. **achieve** [ZL13]. **Achieving** [HLPY16, KMK16, KLR⁺20, MBK⁺92, ZXL⁺24, JYOB18]. **Acid** [LPSS19]. **ACLE** [PBR⁺90]. **ACM** [ACM90, ACM01b, RM03, ACM03b, ACM04a, ACM04b, ACM05c, ACM05d, ACM06a, IEE04, Vra05, Cre10b]. **ACM/IEEE** [ACM05c]. **ACM/USENIX** [ACM05d]. **ACO** [KS20a]. **ACO-based** [KS20a]. **ACOS** [NOK⁺85]. **ACOS-4** [NOK⁺85]. **Acquiring** [FG91]. **Across** [JWL⁺18, TMMVL12, XLQL18]. **ACStor** [WWL⁺17b]. **action** [Hol95, KB17, Siv07]. **Activation** [RSN⁺18]. **Actor** [TCP⁺17]. **actors** [GE85, Sub11]. **Actra** [TLD⁺89]. **Ada** [Bak83, Dom80a, GBO87, GR80, Ibs84a, Kam83, Ker88, Ibs84b, SGS92, SM92, Vol90, WSX⁺19, Wes98, ZEdlP13]. **Ada-Things** [WSX⁺19]. **Ada'97** [ACM97]. **Adaptability** [SV13]. **Adaptable** [GKSP99, CGM17]. **adaptation** [AJBJ23, ZBG⁺05]. **AdaptChain** [ZHH⁺24]. **adapters** [SAB⁺07]. **Adapting** [BADM06, SJW⁺13, WGLL13]. **Adaption** [BHI15]. **Adaptive** [AS14, Bir94, CYX⁺17, DLH⁺20, HHW10, HKKW13, JKB15, KHL17, KZ21, LMV12, Lee16, LCT⁺15, LZL⁺15, LYGG20, MCJ19, NZH20, OVI⁺12, PSZ⁺07, PYDG22, PMP23, SOAK23, SXCL14, XCSM18, XLL⁺20, YLT⁺23, ZDK⁺22, ZLZ21a, ZFH⁺22, ZHH⁺24, dSOK17, BB12, BKT⁺19, GKJ⁺19, HPS23, JNR12, JC18, KKB14, KR16, RMP24, SENS16, SEPV19, SYMA17, WSX⁺19, ZLCZ18]. **adaptively** [JDW⁺14]. **Adding** [HHV⁺02, Say67]. **Address** [HWHW18]. **Addressing** [XKKL23]. **Administration** [MJW⁺06, NSHW10, Bor07, Dav04]. **administrator** [TC10]. **Admitting** [MLXG19]. **Advanced** [A⁺04, Alf91, fLtNW14, AAB⁺05c, B⁺05, G⁺05, IEE06a, MRM06, OH05, SXH⁺19, SS05, Fit14].

Advances [Ert05]. **Advancing** [ZKWH17]. **Adversarial** [HLP⁺16, PST15b]. **advisor** [ZLV⁺12, ZBS⁺15]. **affect** [SMSh18]. **Affinity** [SK13c]. **Affinity-aware** [SK13c]. **Against** [HS19, CVWL13, CD12, GHD12, TMV25]. **age** [Bac11]. **agenda** [ZJRW19]. **Agent** [PXG⁺17, RB01, ABV12, DHD20, PDM20]. **agent-based** [PDM20]. **Aggregation** [JZY⁺22]. **Agile** [GHS16, GHS17, IMK⁺13, ZLZ⁺21b]. **Agility** [OSK15]. **aging** [AMA⁺14]. **Agnostic** [IYAK23]. **ahead** [MA10]. **AHP** [AHR22b]. **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** [AAR22, AAK18, BP99, LSC⁺17, LLWM23, LWW16, LW12, LLS⁺20, LW20, RK24, WCC20, YLQL25, ZHL16, AHR22a, BB20, BRS⁺22, EB20, FGZC23, FS19, FF22, GGQ⁺13, GH20, GPR23, GA18, HAK22, Hog02, HS13, JGA⁺88, LKR⁺19, LZC⁺16, LY23, MNB24, MM92, MS17, MMTM22, MHM19, NGN24, NAR19, PC21, PKS⁺19, QBL⁺23, RGAT18, RH17, RT18, SBI21, SEM⁺20, SS19, SP23, TMLL14, Tho68, WBW⁺19, XWW⁺21, XXWG23, YLCH17, YYC⁺19, YB24, ZYLY18]. **Algorithm-Dependent** [BP99]. **Algorithms** [ARAAA19, FGLI15, HHK94, KP99, LPSS19, Man15a, SHW⁺15, AB16, BB12, CRB12, GLW23, HH19, Man18, ME87, MJ93, SGS92, WHW20, XTB17, YTS14]. **aligned** [AGIS94]. **Alignment** [EDS⁺15]. **allocate** [LLF⁺18]. **allocating** [MMTM22, XHW⁺19]. **Allocation** [AIAR⁺24, BFM⁺21, CWL12, CPST14, Do11, GLBJ18, HKLM17, HLPY16, JFPL16, KRS⁺17, KCY22, LLZ18, Man15a, NMG15, NHL22, PCC⁺16, SJ21, SDM21, VTW16, WTJR22, XSC13, ZWFX17, ZLG⁺20, CEPR22, CPST15, dCCDFd015, DEG⁺17, EdPG⁺10, GLLJ16, GLW23, HMH17, HH19, JWH⁺15, JC18, KDK20, KS20a, KS18a, LJYZ15, Mly09, RNA⁺22, RCTY19, SGV13, SPSL25, THH⁺14, WGY20, YGLY21, YYC⁺19, YIR24, YI24, ZG13, ZLH⁺15, ZWC⁺19]. **allocation-site-based** [CPST15]. **Allocations** [YWH⁺21]. **allowing** [Tho73]. **already** [RAT17]. **Alternative** [HBL⁺10, MLG⁺02, vMAT14, SPF⁺07]. **Alto** [ACM01b]. **Amazon** [FFM⁺23]. **AMD** [Str05]. **AMD64** [Ano14a]. **American** [Boa90]. **among** [CDN02, LLF⁺18, LTZ⁺14, TtLcC13]. **amplifying** [DP11]. **Analogy** [Gai75]. **analyses** [BNS18, DAdBM⁺24, HB13]. **analysing** [PV06]. **Analysis** [ACM05a, BE17, BFG⁺14, BDG18, CC77, GMGF24, HT98, HKM⁺18a, HB17, HWB03, JKK⁺13, KNT02, LCK11, MM93, NMS⁺14, Ost94, RI00, RRB19, SAR24, SM02, TKG89, VP16, WH99, WDL⁺20, WLS⁺18, ZTA⁺21, ACM01a, AAH⁺03, AMIA19, BDQR23, BBM09, BMER14, CBFH20, DD20, EBJ17, EMS15, FX06, GP13, GPW03, KSS⁺20, KSS⁺23, KS20a, LTZ⁺14, MD73, MD74, MSG01, PFNC20, RRB17, RGS⁺20, SMSB11, TLX17, Wün13, YJZY12, YSM⁺21, YIR24, YI24, ZMD⁺21, DHPW01]. **Analysis-Driven** [ACM05a]. **Analytic** [Bar73, Bar78]. **Analytics** [IGBKR19, KKE19, WTM18, KB17]. **Analyzer** [Ano03a, SHLJ13]. **Analyzing** [CVWL13, PV08, ZDK⁺19]. **ANCS** [HLPY16]. **Android** [CXLX15, KLF⁺15, MMP⁺12, STY⁺14, THC⁺14, ZYH⁺19]. **Anemia**

[RHV17]. **Anemia-Like** [RHV17]. **Angeles** [ACM06c, IEE84b]. **Animated** [PCR89]. **annealing** [RH17]. **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** [Hui18, MW18, SIK⁺16].

Anonymisation [VV18]. **Ant** [AAK18, PAC⁺22, AP18, FS19, GGQ⁺13, ZFL⁺23]. **Antfarm** [JADAD06a]. **Anti** [SMA18, AKCP21, Sta07]. **anti-debugging** [AKCP21]. **Anti-P2P** [Sta07]. **Anti-Virtual** [SMA18]. **anti-virtualization** [AKCP21]. **Antonio** [ACM99, USE01b]. **Anwendung** [Bec09, Bor01, WF03, Zim06]. **Any** [WL96, FIF⁺15]. **AOT** [WKJ17]. **APA** [JNR12]. **Apache** [FRM⁺15]. **apart** [LBF12]. **API** [Ano14c, SM23b]. **APL** [Alf91]. **App** [ZYH⁺19]. **Apple** [Sam22]. **applets** [Wes98]. **Appliance** [See10]. **Appliances** [BRX13, ZZW⁺21, AEMWC⁺12, BSM⁺12]. **Application** [AJ18, AW17, BB17, BCZ19, CHW12, cCWS14, Cza00, HMM17, KNT02, KLF⁺15, LWC⁺17, LPZ⁺22, MD73, MD74, PCW⁺16, SFSN⁺24, TB17, WGW⁺18, ZYH⁺19, AS14, BBS06, IBM88, Int88, IBM96, JSK⁺13, JCZZ13, JDJ⁺06, Kag09, Lia05, LBF12, LLS⁺08, MRGB91, SE12, SWcCM12, SASG13, SL00, ZS01, ZBG⁺05]. **Application-Aware** [AJ18]. **application-specific** [ZS01]. **Application-transparent** [AW17].

Applications [AHKC23, Ano99b, Ano03a, BAL15, Boa90, DSM⁺18, DJS⁺17, FBL18, HHV⁺02, HSK17, HC17, HPB⁺24, HCB18, IEE05, JW17, KKS⁺19, LGJZ16, LSSC22, LH15, NKK⁺06, Par71, PLMA18, Pfo13, PY93, RNS⁺23, SN23, SS05, TR88, VP16, WLS⁺18, WZKP19, XZL⁺20, AS76, Alf91, AC16, AB16, ACT94, ABC⁺07, BD11, BPM⁺22, BSNB20, BTLNBF⁺15b, BRS18, BOF17, BFS⁺18, DMH18, DBC⁺00, EBLM22, EF94, EMS15, GHD12, GTN⁺06, GHH⁺93, GLQ⁺13, GKJ⁺19, HKS19, HcC14, HKD⁺13, HSC15, JPTE94, KRG⁺12, LCL14, LF19, MCC18, MA19, NBS18, dOL12, PTM⁺15, RNA⁺22, R⁺13, RSLAGCLB16, SZKY21, Sch13b, SGV12, SZ88, TDG⁺18, TV18, WDCL08, WSX⁺19, YYC⁺19, YGN⁺06, ZBP05, ZNSL14]. **Applicative** [AS85a, Abr82, AS85b]. **applied** [MM92]. **Applying** [FFM⁺23, CSSE21].

Approach [ARAAA19, BC19, BFG⁺14, BRX13, CFM17, CLW⁺14, COV⁺24, Cox09, DPCA11, DM75, EMAL17, Fie68, FPS⁺02, FML⁺22, Jen79, JQWG15, KC16, KAH83, LGS⁺23, Mad69, MP16, MSC⁺21, NLPV12, NSJ12, PF23, SDD⁺16, SFSN⁺24, VN06, WJ10, WVT⁺17, WTJR22, XD17, YYY⁺23, ZTWM17, AHRR22b, AH24, ADWM18, BML⁺13, BHvR05, CGL⁺08a, CGL⁺08b, CGL⁺08c, CBZ⁺16, DS22, GKP⁺19, GHK24, GLLJ16, HLBZ20, KW13, KKB14, KF18, LH13, LU04, MD73, MD74, MK22, MAK18, MA21, MA24, NZH20, Par25, PSC⁺07, PJZ⁺19, Pon19, RWC21, SENS16, SHR19a, SHR19b, SEPV19, TZK17, TZY⁺25, TSR19, XHCL15].

Approaches [BAL15, FMIF18, HM20, JK15, EYGS19, TIIN09].

Appropriate [ZRS⁺16]. **Approximation** [GLW23, MNB24]. **apps** [MMP⁺12]. **April** [Ano01b, IEE84a, USE01c]. **Arbitration** [SKJ⁺17].

Architecting [SYC14, TZB19]. **Architectural** [DLLN18, DCP⁺12, Gol73c, JR02, NMHS15, PJZ18, PEC⁺14, SL12, CFS⁺12, DLL⁺16, PAKY16, RVJ⁺01, WLL⁺13]. **Architecture** [ASMA21, BBD⁺91, BKMM87, Bos24, BDR⁺12, BG73a, CAF⁺91, DAH⁺12, DSM⁺18, DS09a, ECET18, EMW16, G⁺05, Gol73a, Gol73b, Gum83, Han73, HW93, Hsu01, HWCH16, IEE85, KZB⁺90, Kee77, LW73, LMG00, LMG01, LGR14, MSS⁺15, PCC⁺16, PK75a, RC18, Rev11, SVM⁺23, SJV⁺05, SADP21, SSB03, SN05a, SJA⁺17, SWF16, Sun99, TR88, TV12, Tur92, Uhl06, WIS⁺15, You73, ZL18b, ZZW⁺21, ZGW⁺06, Ano94, DJP⁺24, Ber86, BR01, BNS18, CCL⁺17, CLDA07, DS09b, FS19, FC98, GDSA⁺17, GCARPC⁺01, HIIG16, Hog02, HMS04, HPS23, IBM88, IIK⁺06, Jou85, KW80, KNHH18, LLW⁺12, LL14, MMTM22, MS01, MJ93, NOK⁺85, OJG91, RFBLO01, Ros06, SIJPP11, SG09, SDN09, SOKE23, Wel02, YTS14, YYP01, Yur02]. **Architecture-aware** [WIS⁺15]. **Architecture(R)** [MBBS13]. **Architectures** [ACM06b, BN75, BDF19, EMAL17, ELC⁺19, EG01, GG72, HW93, HHK94, Ian14, KKD24, PG74, PY93, QTR21, RD90, SXXM⁺18, ZHH⁺24, BGS13, DM93, EMI13, KMG⁺18, NBS18, PNM⁺20, PG73, Skr01, YZW⁺13, ZP14, CEPR22]. **Architektur** [Dal97]. **Archive** [CLKEF21]. **Area** [BFG⁺14, Fis01]. **areas** [BCZ19]. **ARIMA** [CSSE21]. **ARINC** [DPCL22]. **Arizona** [IEE05]. **ARM** [CJJ⁺22, DN14, DLL⁺16, DLLN18, GNDB16, MGL⁺17, ZTWM17, PS19a]. **Aroma** [Sur01]. **Arquillian** [Ame13]. **Array** [MBK⁺92, SV15]. **arrays** [dCJR16]. **Arrivals** [KMM13]. **Arrives** [Bai70]. **Art** [BGP00, SGB⁺16, AEB19, BDF⁺03, BDG18, MDD⁺08]. **Artificial** [MR91, PS23, TVO92, AA24, BCM90, IM93, KCV11, NGN24, RK16]. **arts** [BB08]. **ARVMEC** [XLL⁺20]. **as-a-Service** [ESY⁺17, HPHV17]. **ASM** [SOAK23]. **aspect** [BADM06]. **Aspects** [Hsu01, Kna93, PP73, EF94]. **assembler** [GBO87]. **Assembly** [BD01, SVB93, Ber86, Don88, Juo07]. **Assembly-Language** [SVB93]. **Assessment** [FXL⁺23, CDO24, PM19a, vCPWvT11]. **assigned** [AAT⁺22]. **assignment** [AAM⁺16, KMT14, WZV⁺13]. **Assist** [Hor73, Olb78]. **Assisted** [AY24, CCML12, JSHM15, JAS⁺15, PPG⁺17, RTL⁺18, AJH12, AEB19, GMK17, PDM20, ZYZ⁺18]. **Assists** [OLZ16]. **Association** [Sof83]. **Assurance** [LJZ12, LLW⁺12, MKM⁺08]. **Assuring** [YDW18]. **AST** [ZLBF14]. **asymmetric** [CBGM12, KKJL14, KNHH18]. **Asynchronous** [Cav93, LJL⁺11, MM93, RZPX19, SM01, WZKP19, WN17, vLSM01]. **Atlanta** [USE86, USE00a]. **ATMS** [CWG00]. **atomicity** [BHSB14]. **attached** [Mon97]. **Attack** [DL19b, WLCS17]. **Attackers** [CLS07]. **Attacks** [LSSC22, SL16, SYB12, TV12, WWL⁺17a, GHD12, NS17, TMV25, VT14, WXW15]. **Attestation** [ZL16, KBC21, VT14]. **attribute** [FS89, SS19]. **Auction** [SZW⁺16, TVKB16, ZG13, ZLH⁺15]. **auction-based** [ZG13]. **Auctions** [ZHW⁺17]. **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]. **Auto** [TSCB19, TCTH23, KA25]. **auto-encoder** [KA25]. **Auto-scaling** [TSCB19, TCTH23]. **AutoBoT** [VS19]. **Automata** [JYOB18, NNK21, RGAT18, RT18, TLX17]. **automata-based** [RGAT18, RT18]. **Automated** [AD18a, ACM05a, Ano03b, BSSS14, HLP⁺16, FGLI15]. **Automatic** [MS00, SMES01, SMA⁺10, Sus76, WML02, ZLZ13, CL17b, MSZ09]. **Automating** [MJW⁺06]. **Automation** [ACM06a]. **automaton** [Sig89]. **Autonomic** [LGJZ16, SKT⁺19, SEK⁺19, YWH⁺21, SWC08, WDCL08]. **Autonomous** [SC17, NNK21]. **autoscaler** [MPM⁺20]. **Autoscaling** [EGG⁺24, Kov19]. **Autoselection** [KKE19]. **Autotuning** [KKE19]. **Availability** [LGXC23, RGS⁺20, AAF⁺09, Fu10, LDL⁺08, MDZ⁺21, MRC⁺13, NMC18b, NMC18a, TUM18, YLH14]. **Availability-aware** [LGXC23]. **Available** [Ano03b, GI12, GVI13]. **avatar** [CKT08]. **average** [LDL14]. **avionics** [ABC⁺07]. **Avoidance** [HS19, KAS13, LYS⁺18, AHRR22a, OG16, PC21]. **Avoiding** [BLRC94]. **Award** [War11]. **Aware** [AJ18, AAK18, BMS16, BL17, CWH⁺16, CGC16, CWL⁺15, CTP⁺17, CYX⁺17, CHLY18, Do11, EGR15, EVCL21, GCL⁺21, HC17, HTB22, HPP15, JJK⁺11, JQWG15, KL14, LMM18, LXL⁺22, Man16, MA21, MA24, PYYG21, PHC20, RG17, SDD⁺16, TB17, WZH⁺16, XLL⁺14, XLJ16, XLWX19, XZL⁺20, YLH17, ZWFX17, ZCG⁺17, ZLZ21a, ZWL⁺18, dSdF16, ABBJ23, AT23, ADA⁺19, AO16, AMAB17, ANH00, BSNB20, CD14, CCL⁺20, CLL⁺23, DXM⁺17, DCMW17, EBJ17, FZS⁺20, FA21, Fu10, GLK⁺12, GA18, HKS19, HZL⁺18, HH18, HH19, HLBZ20, HSC15, HC12, IRB19, IKU15, JNR12, JC18, JYOB18, KN18, KC16, KBDK22, KB21, KK21, KBB11, KCS14, KR16, KLF⁺15, LYYY18, LYY⁺20, LGXC23, LWL16, LWCZ22, LCL⁺23a, LCL⁺23b, LQD⁺18, MMTM22, MHM19, MA19, PC21, PFPJ18, PF23, PS23, RNA⁺22, RKT20, RH17, RHZ⁺17, SSB⁺14a, SHR19a, SHR19b, SSN12, SGV12]. **aware** [SS22, SZL⁺14, SK13c, TDD20, WIS⁺15, WCC⁺16a, WDT18, XCJ⁺14, XWW⁺21, XLWZ18, XXWG23, YB24, YRJ18, YQZ19, ZHHC17, ZWC⁺19, ZFL⁺23, ZWH⁺17, ZSRR22, JZY⁺22]. **Awareness** [ZHL16, LCL14]. **Azure** [Fab13, RHV17]. **Azure-Based** [RHV17].

B [Req03]. **B5500** [Ham76]. **BA** [KSS⁺20, KSS⁺23]. **Back** [KS08b]. **backhaul** [MCC18]. **backpropagation** [RWC21]. **Backup** [ACA16, KRS⁺17, ZXW16]. **Backup-Sharing** [ACA16]. **bad** [RY10]. **Bag** [VS19]. **Bahamas** [Ano99b]. **balance** [YWH⁺23]. **Balanced** [LLW⁺16, DS18, XZK⁺20]. **Balancing** [ARAAA19, CJK⁺12, CGC16, CL16a, DY17, Gua14, HPP15, KK19, LW12, LYS⁺18, MKKE12, WWH⁺16, WTL⁺16, YWR⁺14, Bir94, GH20, GPR23, KAZS14, RI25, TF16, Vac06, XH90, XTB17, ZWL09]. **BalCon** [GPR23]. **Ballooning** [LJL⁺15, PGP19]. **Baltimore** [Ano93]. **Band** [ZSXZ07, PBYH⁺08]. **Bandwidth** [ELC⁺19, KDK20, LJFS17, LWZ⁺18, YLH17, ZRS⁺16, BAC15, GLLJ16, LZW⁺15, THH⁺14, WQG15, WXW15].

Bandwidths [LMM18]. **bank** [PAKY16]. **Bare** [AGH⁺16, OSK15, RB24, ZXL⁺24, GAH⁺12]. **Bare-Metal** [ZXL⁺24, AGH⁺16, OSK15, RB24, GAH⁺12]. **barrier** [Rix08]. **barriers** [LM99]. **Base** [UOKT84, WH08]. **baseband** [KWZ⁺19]. **Based** [AHKC23, AAK18, Bad82, BAL15, BE17, CWL12, Cap21, CHW12, CLW⁺14, CD12, CDD13, DPCL22, DF96, ECET18, FD08, GGG03, HKM⁺18b, HWHW18, JFPL16, JN15, KKD24, KP15, KLR⁺20, KAZS14, LW11, LP14, LKL⁺19, LCT⁺15, LLWM23, LYY⁺24, LGZ⁺19, LW12, LZW⁺17, LZM⁺20, MJW⁺14, MTFK19, MGL⁺17, NASD21, Neu92, NL19, OVI⁺12, PvDS08, Ran02, RZPX19, RHV17, RWX⁺12, SAJ24, SJV⁺05, SGK⁺23, SXH⁺19, SAR24, SDM21, SHZ⁺14, SKJ⁺17, TV12, WB81, WLS⁺18, WTM18, YYY⁺23, YWR⁺14, YWW⁺15, YLN⁺17, ZDK⁺22, ZQCZ16, ZLL⁺20, ZXY⁺15, ZB20, ZZW22, vLSM01, AD18a, ABB19a, AHRR22a, AAJD⁺16, AAT⁺22, Ano96, Ano06a, AB16, ALL06, AMA⁺11, BD11, BLMP22, BL17, BSNB20, BY20, BNS18, CL17b, CBJ22, CPM⁺18, CEPR22, CVWL13, CGL⁺08a, CGL⁺08b, CGL⁺08c, CWC⁺14, CBZ⁺16, CLcC13, CPST14, CPST15, CFRSSR19, CGV10, CRG16, DD20]. **based** [DP11, DS18, DC15, DLH⁺20, DPCA11, EB20, ETAB22, EYG21, ESY⁺17, FGZC23, FS89, FS19, FMJ15, FLCB10, FF96, FL13b, GTGB14, GDSA⁺17, GH20, GR15, HM20, HKJ19, HBNK24, HL24, HO22, HOKO14, HWCH16, JWH⁺15, JFZL17, Kag09, Kam13, KLY20, KS13, KS20a, KRCH14, KKB14, KDB16, KZ21, KA25, KK21, KM13a, KM13b, KJM⁺07, KKJ⁺13, gKEY13, KLK⁺22, LMJ07, LBL16, LYYY17, LYYY18, LXRS19, LLZ⁺19, LLX⁺17, LLS⁺08, LC13, LPZ⁺22, LWCZ22, LCL⁺23a, LCL⁺23b, LMDP19, MCC18, MPA⁺18, MW18, NZH20, NRdA⁺20, NS17, Oi05, Oi06, Oi08, PFH⁺16, Par25, PDM20, PGLG12, PMP23, uRQS20, QZDJ16, QBL⁺23, QCM⁺24, RGAT18, RH17, RHR20, RG19, RT18, RAP19, RCTY19, SJB14, SS13, SENS16, SG10a, SEM⁺20, SGV13, SM23a, SS19, SM23b, SPF⁺07, SYC14, SXXM⁺18, SOKE23, SV17, SCFP00, Sto07, SP23]. **based** [TT96, TZY⁺25, THB22, TXD⁺24, TY14, TSCB19, TMV25, VT14, VGL23, Vog03, WKT08, WDCL08, WXZ⁺17, WBW⁺19, WGY20, WW77, WYZAD20, XZ11, XZZ⁺16, XJR⁺17, XWX⁺17, XYYY17, XA22, YC98a, YC98b, YZW⁺13, YZLQ14, YLCH17, YBZ⁺15, YWH⁺23, YSM⁺21, YLJ22, YC16, ZG13, ZMD⁺21, ZLH⁺15, ZWHC17, ZXB⁺24, ZAI⁺16, ZFL⁺23, ZLL⁺16, ZZW⁺24, ZXR⁺22, dSOK17, vKF13]. **basic** [A⁺04]. **basierende** [Deu08]. **Basis** [Kar07]. **Batch** [KMM13, LD05, SS13]. **Batched** [GLL⁺21]. **bathymetry** [MMG⁺18]. **Bay** [Ano10]. **Bayesian** [LYYY17]. **BCPL** [Abr80, WW77]. **BCPL-Slim** [Abr80]. **Be** [Cox07]. **beams** [MC98]. **Beautiful** [SG09]. **Bed** [MMHP17]. **Bedienung** [KGG00]. **Bee** [PS23]. **beetle** [BRS⁺22]. **beginner** [RR09, Wes98]. **behave** [Voe86]. **Behavior** [EG01, XWH⁺16, ZDLG17, BSOK⁺20, CL14, LWB⁺15, Oi08, SEM⁺20, Wol99, ZZW⁺24]. **behavior-based** [SEM⁺20]. **behavioral** [CL17b]. **Behind** [Cra98]. **Belgium** [ACM04a]. **Benchmark** [DHPW01, WZT19, GPW03, SMSB11]. **Benchmarking**

[CGS06, RO16, AHK⁺15, FLM⁺08, KJ13, ZS01, RB24]. **benchmarks** [LJN⁺00]. **Benefit** [HB14]. **Benefits** [KWZ⁺19, LS15, SIRP17, CM18]. **Berkeley** [USE01c]. **Best** [B⁺07, BY20, GHS16, MS17, Sch13a]. **best-fit-decreasing** [BY20]. **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** [MW05, Com00]. **Between** [Jen79, KLLT18, ZLHD15, BDJdS02, BRS18, CL17a, GLQ⁺13, GSW⁺17, KGS16, Mal73, EYGS19, SMR24]. **Beyond** [FPS⁺02, ACM04a]. **BGP** [SAR24]. **Bias** [Lee16]. **biased** [ABDD⁺91]. **Big** [ECET18, GTS⁺15, MSG14, WTM18, BOF17, DXM⁺17, LMDP19]. **Billing** [RB17]. **Bin** [BB17, GR15, SXCL14, XDLS15]. **Binaries** [PA21]. **Binary** [BDG18, KLF⁺15, WMUW19, ZFL15, dGG⁺17, 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]. **birds** [NGN24]. **Birth** [NOT⁺17]. **bison** [Kag09]. **bison/flex** [Kag09]. **bit** [VED06, VED07]. **Bitcoin** [HB14]. **BizOps** [FBL18]. **Black** [NMMP15, VVB13, EB20, TZK17, WSVY09]. **black-box** [TZK17, WSVY09]. **Blackboxes** [KBK⁺21]. **blackhat** [Ska07]. **Blending** [VSMC23]. **Blessing** [Kot10, Kot11]. **Block** [LZY⁺24, Sch94b, Sch94a, TLBW12, ZLL⁺20, Zyt94a, Zyt94b, FFBG08, FLCB10, LLE17, TKG89, WF07]. **block-device** [FFBG08]. **Block-level** [LZY⁺24, FLCB10]. **block-paging** [TKG89]. **Blockchain** [CQLL18, DMH18, TDMP23, XKKL23, XJR⁺17, GNK24, RI25]. **Blockchain-based** [XJR⁺17]. **blockchain-enabled** [RI25]. **Blocks** [Lam75]. **blowfish** [GNK24]. **blows** [BBTK⁺17]. **Blue** [SSU⁺12]. **BlueIO** [JAD19]. **Blueprinting** [NLPV12]. **board** [CGV10]. **Bochs** [Ano14b]. **bodies** [AGIS94]. **Bolton** [ACM03b]. **Book** [Ano97a, Fro13, Lar09, Van98, B⁺07, TC10, War02]. **books** [Van98]. **boost** [CBZ⁺16]. **boosting** [AC16, LKY⁺17, PGLG12]. **Boot** [NOT⁺17, SB16, DBO⁺18]. **Bootstrapping** [CBLFD12, Kam75]. **Border** [CDW⁺24]. **BOS}** [RP07]. **Boston** [IEE85, USE01a, USE06]. **Both** [ZHL16]. **Bottom** [UOKT84]. **Bottom-up** [UOKT84]. **bound** [DJP⁺24, JGA⁺88, TSN⁺23]. **boundary** [SBQZ14]. **bounded** [XHL⁺13]. **Bounds** [SJMGM24]. **Box** [NMMP15, TZK17, VVB13, WSVY09, XHCL15, MNS⁺14, LGS⁺23]. **branch** [CEG07, EG03, JGA⁺88, JYW⁺13, WHC16]. **branch-and-bound** [JGA⁺88]. **branch-and-price** [WHC16]. **branches** [KJM⁺07]. **Breadth** [MNS⁺14]. **Breaking** [VMW⁺19, GKBB15, Rix08]. **breed** [Arm98]. **Brewing** [WZL⁺18]. **Bridge** [Men03]. **Bridging** [ACM04b, FL13a, GSW⁺17]. **Brighton** [Vra05]. **bring** [XKY⁺11]. **Bringing** [BDR⁺12, PPS⁺18, STS⁺13]. **Broadcast** [SXH⁺19]. **Brokered** [BB17]. **brokering** [TMMVL12]. **brokers** [PAKY16]. **browser** [FIF⁺15]. **Browsers** [YML⁺18]. **BSD** [WF03]. **Buch** [KGG00, Tho08]. **buddies** [WTLS⁺09].

Budget [BE17, RB17, SJ21]. **Budget-Driven** [RB17]. **buffer** [JADAD06b]. **buffers** [CFG⁺13]. **Bug** [Ano97b, Ano15]. **Build** [Kol19]. **Building** [AAB⁺05a, CGM17, DBC⁺00, DF96, HWCH16, PEC⁺14, SJV⁺05, See10, TSP17, Nie12, RG19, SG10b, WH08]. **Burstable** [WUNK17, DAdBM⁺24]. **Burstiness** [RKT20]. **Burstiness-aware** [RKT20]. **bursts** [DP11]. **bus** [HHPV15]. **Buying** [YLN⁺17, ZLH⁺15]. **buying-based** [ZLH⁺15]. **BYOD** [DMG⁺15]. **Bypass** [LHAP06]. **Bytecode** [MO98, SEK⁺19, HLW⁺23]. **bytecodes** [SUH86].

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, ZB18, Blu02, CWG00, G⁺01, Hee07, Hog06, Hog08, JM08, Men03, Siv07, Wil06, YIR24]. **C#** [G⁺01]. **c-mean** [ZB18]. **C-RAN** [YIR24]. **C/C** [Blu02]. **CA** [ACM06a, ACM06c, Ano97a, IEE84b, IEE93a, USE01c]. **Cache** [HS21, JQWG15, KR18, NsP16, RHR02, SDS⁺21, TBS17, vSMK⁺20, Boz89, JADAD06b, Oi05, RJK16, ZP14, AMA18]. **CacheInspector** [SDS⁺21]. **CacheOut** [vSMK⁺20]. **caches** [BLRC94, DSR23]. **Caching** [AMA18, ASMA21, KJL11, LGZ⁺19, MM93, LM99, XWX⁺17]. **CAFE** [ZFH⁺22]. **Calculations** [Bad87, Hol95]. **Calculus** [ABV12, SJMG24, 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, PULO16, PVRR14, SSB⁺14a]. **Call-site** [SSB⁺14a]. **calling** [HB13, SSB⁺14a]. **calls** [VMBM12]. **Cambridge** [USE93]. **CAMIG** [HTB22]. **Can** [Cox07, GW07, THB06, Sig89]. **Canada** [ACM06f, Sof83]. **CAOS** [Sch86]. **Cap** [HC17]. **Capabilities** [TVO92, WZT19, Ame13, AAB⁺05c, Fit14]. **Capability** [ECET18]. **Capable** [Ott18, PST⁺15a]. **Capacity** [BB17, HMH17, LYGG20, SJ21, WUK⁺18]. **capo** [SMSB11]. **Capping** [HSK17, JKK⁺13]. **Capture** [SCFP00, Sur01]. **Capture/Replay** [SCFP00]. **capturing** [BKC⁺13]. **Card** [Siv04, SUN97, HM01, Req03, JCV99]. **cards** [GLV99, TLBW12]. **carrier** [FZS⁺20]. **carry** [Ame13]. **carrying** [FCG⁺05]. **Cascade** [YYL⁺15]. **cascading** [HL13]. **Case** [FFM⁺23, GGG03, HBL⁺10, HWB03, Ian14, PK75a, PS19b, vCPWvT11, CDO24, GGG19, HIIG16, MN03, RK18, Sig89, SIRP17, Vit14]. **Case-Based** [GGG03]. **Cases** [FG91]. **Cassandra** [FRM⁺15, SLC20]. **Catalyst** [Ano03a, GMK17]. **Catching** [SXH⁺19]. **Categories** [Gai75]. **catering** [RNA⁺22]. **causes** [FRM⁺15]. **CBase** [ZLZ⁺19b]. **CCAP** [JQWG15]. **CCGrid** [TLC06]. **CCHybrid** [Yu20]. **CD** [Joo06]. **CDN** [LYS⁺18]. **cell** [MFT⁺19]. **Cells** [DAH⁺12]. **cellular** [ALW15, Sig89]. **Center** [AT24, Ano93, Car14, CGC16, DY17, FML⁺22, IEE90b, PCC⁺16, RK24, WN17, XWJX15, ZDK⁺22, CLL⁺23, HKB19, HUWH14, IRB19, JYOB18, KBDK22, LZW⁺15, Man15b, MRM06, MBM09, NGN24, NTH⁺17, RGS⁺20, RMP24, TDD20, VOS12, WDCL08, WZV⁺13, YPLZ17, YGLY21, YLJ22, ZLZ⁺19b, ZWH⁺17, Car13]. **Centers** [AJ18, AAAF21, AGC18, BB13,

CL17a, CTP⁺17, EGR15, HTW⁺19, HO22, JFPL16, KMM13, LMM18, LVM16, LLWM23, Man15a, Man16, SB16, SJMG24, WZH⁺16, YLH17, YWW⁺15, ZHL16, dSdF16, ARA18, ARA20b, ARA20a, AD19, AJBJ23, AGH⁺15b, AGH⁺15a, AHRR22b, ATZP21, ATS16, AMAB17, ARMMA18, BB12, CFRSSR19, DLH⁺20, FLL⁺13, GH20, GHK24, GSKJ18, HM20, HTB19, HLBZ20, IKU15, IPRS21, JB24, KDK20, KZ21, KTB17, LZC⁺16, MNB24, MAK18, MHM19, NZH20, PC21, Par25, PVRR14, Pon19, uRQS20, RK16, RH17, RT18, RK18, RJK⁺17, RGS⁺20, SBI21, SHR19b, SBNU18, SS19, SM23b, WCY⁺17, WHW20, WTLS⁺09, XLQL18, XXWG23, SHR19a]. **centralized** [Fis91]. **centric** [AAMBE21, PAKY16, SBBP20]. **Certain** [Han73, JHS12]. **Certains** [Han73]. **Certified** [Kh09, IIPB09]. **Cetres** [KAS13]. **CéU** [SIR⁺17]. **Chain** [EMAL17, GR20, HJG18, LW20, MTFK19, MSC⁺21, RH17]. **chain-based** [RH17]. **chained** [TSN⁺23]. **Chaining** [AP22, GGK18, KBK⁺21, LLW⁺16, LYL21, MP16, WCC20, XZL⁺20, GHM⁺18, LKR⁺19, SHB19, TSCB19]. **Chains** [FBM⁺21, JWL⁺18, KLLT18, LGXC23, PHXL19, ZLZ⁺21b, CGC⁺24, NRS92, RHR20, XHW⁺19, YXL⁺20]. **challenge** [STMV18, Sam22]. **Challenges** [ARA20a, AFG⁺17, AP22, Cap21, Car23, JW17, KK19, MZ20, Nie12, SCC⁺23, SABL20, SG10b, AEB19, BCZ19, CM18, FJKK17, JAC⁺19, LDDT12, MA10, MA17, PCB⁺18, TIIN09, ARA20b]. **change** [ZL13]. **Changing** [Mac79]. **Channel** [LGR14, PF23, TTH⁺19, LF19, MN03, RI25, WXW15]. **Channel-aware** [PF23]. **Channels** [Hu90]. **characteristic** [CJJ⁺22]. **Characteristics** [SHW⁺15, CWC⁺14, CCW⁺20]. **Characterization** [AMA⁺14, CGS06, DS09a, IEE02, IEE03, NASD21, ACM06c, RVJ⁺01, SSB⁺16, TSN⁺23]. **characterize** [LJN⁺00]. **Chatten** [Joo06]. **Cheat** [Rul07]. **checking** [BHSB14]. **checkpoint** [BBHL08, EBLM22, GPS⁺18]. **checkpoint/restart** [BBHL08, EBLM22]. **Checkpointing** [ECJ⁺16, ZLW⁺19b, PEL11, SGV12, TSLBYF08, dSOK17]. **checkpointing-enabled** [SGV12]. **chemical** [KK21]. **Cherub** [JCZZ13]. **Chez** [FDD⁺19]. **Chicago** [ACM05d]. **Chicken** [PS23]. **Chip** [GGM⁺16, Mon97]. **Chips** [FRD⁺08, IEE97, IEE99, IEE96a]. **Choices** [NGRF19, XDLS15, Ano93]. **chromatin** [MFT⁺19]. **CICS** [R⁺13]. **circuit** [Bur02, KKC⁺16]. **Circuits** [NLD⁺23]. **Cities** [AEA⁺23]. **clairvoyant** [KS18b, ZLW⁺19a]. **Class** [LCWB⁺11, LB98, Pat12, SS17, Won97]. **classes** [Bor07, OKAM17, Skr01]. **classical** [SGS92]. **Classification** [VLZL16, CWC⁺14, YSM⁺21]. **classification-based** [CWC⁺14]. **Cleancache** [VTW16]. **CLI** [ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, SNS03, Vog03, Wil06]. **CLI-based** [Vog03]. **Client** [RSW⁺06, DPW⁺09, HIIG16]. **CLIP7** [Lau87]. **clock** [DCA17]. **Clones** [ZCJ⁺21]. **Cloning** [LCWB⁺11]. **Closing** [ZLHD15]. **Cloud** [AJ18, AT24, AVNR19, AAAF21, AAR22, AGC18, AD18b, ASSB18, BB13,

BLMP22, BCW20, BHEP14, CWL12, CPKL17, CFM17, Cap21, CPS17, CZX⁺¹⁹, CTP⁺¹⁷, DSM⁺¹⁸, DKW15, ETAB22, ELC⁺¹⁹, FBL18, FFM⁺²³, GB19, GLS15, GSW⁺¹⁷, HMM17, HKLM17, HPB⁺²⁴, HW12, JE12, JQWG15, JW17, KC16, KKE19, KSVR23, KCY22, KMM13, KAS13, KAZS14, KK19, LCWB⁺¹¹, LKIL19, LGR14, LGJ⁺¹⁸, LSSC22, LLWM23, LZY⁺²⁴, LW12, LH15, LWZ⁺¹⁸, LS15, MSG14, MB15, MK13, Man15a, Man16, Man18, MJW⁺¹⁴, MSLY24, MZ20, MPA⁺¹⁸, MB20, MMHP17, NGN24, NLPV12, NSJ12, NHL22, PJZ18, PHXL19, PCW⁺¹⁶, PXG⁺¹⁷, PS16, PCC⁺¹⁶, PG17, PG18, RK24, RSNK17, RSGG15, RWX⁺¹², SAJ24, SL14, SGK⁺²³, Sar16, SJS⁺¹⁷, SC18, SZW⁺¹⁶, SV13, SB18, SXCL14, TB17, TVKB16, TMMVL12, TCTH23, VGL23, WDL⁺²⁰, WZH⁺¹⁶, WVT⁺¹⁷, WUNK17, WUK⁺¹⁸, WLS⁺¹⁸, WTM18]. **Cloud** [XSC13, XWJX15, XLL⁺¹⁴, XLJ16, XLWX19, XLL⁺²⁰, XRL⁺²², YLN⁺¹⁷, YP15, ZDK⁺²², ZDS⁺²², ZQCZ16, ZL16, ZCG⁺¹⁷, ZL18b, ZLZ^{+21b}, ZXL⁺²⁴, ZWL⁺¹⁸, ZB20, ZHL16, ZLW18, ARA18, AD19, AJBJ23, AGH^{+15b}, AGH^{+15a}, AHRR22b, ATZP21, ADA⁺¹⁹, AA24, AB16, AO16, AMA⁺¹⁴, ATS16, AMAB17, ARMMA18, AP18, AEB19, AA18, AAC⁺¹⁷, BB20, BD11, BTMS10, Beg12, BMF23, BCC⁺¹⁵, BRS⁺²², BSNB20, BFS⁺¹⁸, CSMB15, CL14, CRX24, CEPR22, CSSS11, CCL⁺²⁰, CLL⁺²³, CBFH20, DL19a, DS18, DC15, DEG⁺¹⁷, DQLW15, DLH⁺²⁰, DHD20, DCMW17, DS22, EYG21, FLL⁺¹³, FAA17a, FAA17b, FS19, FF22, FA21, FPGK18, FMIF18, Fro13, GGQ⁺¹³, GTGB14, GSG22, GDSA⁺¹⁷, GH20, GHK24, GLK⁺¹², GKJ⁺¹⁹, GA18, GNK24, HKS19, HZL⁺¹⁸, HBNK24, HTB19, HAK22, HLBZ20, HS13, Hui18, IRB19, IKU15, JES⁺¹⁵, JWH⁺¹⁵, JC18, KN18, KDK20]. **cloud** [KBDK22, KSS⁺²⁰, KB21, KSS⁺²³, KS20a, KSO⁺¹⁵, KSRL10, KS18a, KMT14, KZ21, KTB17, KK21, KCS14, KJLY15, KCKC15, KU24, LLW⁺¹², LZWC13, LZWD15, LZC⁺¹⁶, LLF⁺¹⁸, LLWW18, LCL14, LLS14, LL14, LTZ⁺¹⁴, LPZ⁺²², LP11, LPBB⁺¹⁸, LY23, MR23, MNB24, MK22, Man15b, MNA16, MK19, MK23, MMTM22, MW18, MA21, MA24, MA17, MHM19, MA19, MPM⁺²⁰, MMG⁺¹⁸, NZH20, NNK21, NAR19, NS17, Nie12, NIA18, dOL12, OL13, PKS⁺¹⁹, PAKY16, PM19a, PDM20, PFPJ18, Pon19, PS23, uRQS20, RK16, RKT20, RGAT18, RH17, RHR20, RG19, RWC21, RT18, RQD⁺¹⁷, RK18, RJK⁺¹⁷, RI25, Ros14, RGS⁺²⁰, RMP24, SZKY21, SSG⁺²⁰, SBI21, SHR19a, SHR19b, SG10a, SEM⁺²⁰, SGV13, SM23a, SASG13, SSEA18, SM23b, SBP⁺¹⁷, Str13, SPSL25, TZK17, TMLL14, TDD20, TXD⁺²⁴, TUM18, VT14]. **cloud** [WCY⁺¹⁷, WGY20, WB16, WLL⁺¹³, WRSvdM11, WRS⁺¹⁵, WXW15, WCZ⁺²³, XHL⁺¹³, XZZ⁺¹⁶, XTB17, XLWZ18, XZK⁺²⁰, XA22, XXWG23, YLH14, YLHJ14, YLCH17, YW20, YJZ⁺²¹, YBZ⁺¹⁵, YWH⁺²³, YB24, YRJ18, ZWGX17, ZYZ⁺¹⁸, ZLZ13, ZWHC17, ZHHC17, ZWC⁺¹⁹, ZFL⁺²³, ZWH⁺¹⁷, ZYLY18, ZSRR22, BB12, CD14, CFVP12, CMG⁺¹⁹, KKB14, KA25, KBB11, KMG⁺¹⁸, XYYY17, YI24, SJL20]. **cloud-assisted** [YZY⁺¹⁸]. **Cloud-Based** [Cap21, WLS⁺¹⁸, BLMP22, MPA⁺¹⁸, BSNB20, XYYY17]. **cloud-computing** [ZLZ13]. **cloud-distributed** [AB16]. **Cloud-Edge**

[KSVR23]. **cloud-Internet** [KB21]. **Cloud-of-Things** [CMG⁺19]. **cloud-oriented** [Beg12]. **Cloud/Virtual** [YP15]. **ClouDiA** [ZLV⁺12, ZBS⁺15]. **cloudlet** [YBZ⁺15]. **cloudlet-based** [YBZ⁺15]. **Cloudlets** [RSN⁺18]. **CloudMon** [WLLZ16]. **CloudNet** [WRSvdM11, WRS⁺15]. **Clouds** [AD11, CRZH15, ESY⁺17, HTB22, HKM⁺18b, HLPY16, HKKW13, HS21, KMK16, KDB16, KPHA20, Kov19, LWLL10, LLZ18, MLXG19, NMG15, OG16, OSK15, RG17, RB17, SBBP20, SDS⁺21, SCL⁺19, WZL15, WLLZ16, WHD⁺16, WWL⁺17b, XCSM18, YWY⁺17, ZHW⁺17, ZRZY15, ASB18, BB15, dCCDFdO15, DXM⁺17, FBZS12, FGG14, HZZ⁺14, KMK10, KR16, LMV12, LBZ⁺11, LWLL16, LLZ⁺19, PPO14, QXH18, RCTY19, STMV18, SYMA17, TSCB19, VSMC23, XJWW15, ZG13, ZLH⁺15, ZLW⁺19a, ZB18, ZLV⁺12, ZBS⁺15, EMS15]. **Cloudscheduler** [BCW20]. **Cloudsim** [OBSR16]. **CloudSimSDN** [SHB19]. **CloudSimSDN-NFV** [SHB19]. **Cluster** [CL16b, GKSP99, LWZ⁺18, SEF⁺06, TLC06, ZCG⁺17, FLCB10, KJLY15, LJL12, SBP⁺17, SSN94, WDT18, WLG⁺11, XLQL18, YLHJ14, YCL⁺18, GWZ16]. **Cluster-Aware** [ZCG⁺17]. **cluster-based** [FLCB10]. **Clustered** [DJS⁺17]. **Clustering** [ARAAA19, SGK⁺23, XZZ⁺16, ZWHC17, GHK24, LQD⁺18]. **Clustering-based** [XZZ⁺16]. **Clusters** [CHPY17, EGG⁺24, GSW⁺17, LZ15, LWW16, PXG⁺17, WIS⁺15, YWCF15, ZLW⁺14, AO16, CP17a, Fu10, HCJ07, KOY05, KS18b, PRS16, RHR20, SJJ⁺12, ZWKX17]. **CMD** [CWC⁺14]. **CMI** [MPM⁺20]. **CMS** [SNC91, IBM96]. **CNC** [Lia05]. **Co** [DCG12, HS06, LGJZ16, LH16, SOAK23, WIDP12, CCW⁺20, LF19, OG16, Wu13, YWGH13, Yu20, THB22]. **Co-Design** [LH16]. **Co-Designed** [HS06, DCG12, Wu13]. **Co-evolution** [WIDP12]. **Co-Located** [LGJZ16, SOAK23]. **co-location** [OG16]. **Co-Location-Resistant** [THB22]. **co-resident** [LF19]. **co-scheduling** [CCW⁺20, YWGH13, Yu20]. **COBOL** [IBM88, Int88, TT96]. **Cocoa** [YLN⁺17]. **Code** [AC98, CDN02, Dom80b, Fra83, GFH82, GHF83a, GHF83b, HWR⁺24, MKZ⁺25, RJK16, VGF16, WKJ20, WNL⁺83, Ano15, DNR06, EL98, FC98, FCG⁺05, HK07, HLW⁺13, JM08, NG13, PV08, tTR82, UTO13, WKJ17, WGF11, Cox12]. **code-copying** [PV08]. **Coded** [ZLL⁺20]. **Codesign** [KAJW93]. **CodeWeavers** [Ano03b]. **Coding** [CFL19, Hsu01, IMBB20]. **Cognitive** [SN23, ZYZ⁺18, AAJD⁺16]. **Coherence** [YVCB17, YVCB18]. **coherent** [LKY⁺17, ZP14]. **COISA** [AMB⁺17]. **Cold** [BZD17, BBTK⁺17, KSS24, WGF11]. **collaboration** [GLQ⁺13]. **Collaborative** [Cap21, FXL⁺23, IEE06a, SLW⁺24, XWH⁺16, ZCG⁺17]. **Collapsed** [KBBM15]. **Collecting** [DS16]. **Collection** [ADM98, Ano03b, BS90, HPHV17, SHB⁺03, URJ18, BOF17, DEE⁺16, PBAM17]. **Collection-Oriented** [BS90]. **collections** [BDT13, SV15, SV17]. **collective** [SEM⁺20]. **Collector** [GTS⁺15, WK08]. **Collectoren** [Sch13a]. **collectors** [Sch13a]. **colocation** [WTLS⁺09]. **Colony** [AAK18, PAC⁺22, AP18, FS19, GGQ⁺13, ZFL⁺23]. **Colorado** [USE00b]. **Comandos** [CTS⁺93, MC93]. **Combat** [Cap21]. **Combating** [GG11].

Combinatorial [HMH17, ZG13]. **Combining** [BPP⁺17, MK19, RSLAGCLB16, YJZY12]. **COMMA** [ZNSL14].
Commandos [MC93]. **Commodity** [KLG⁺22, RTL⁺18, Ros99, ZTWM17, BK14, CGL⁺08a, CGL⁺08b, CGL⁺08c, CLDA07, TLBW12]. **Common** [CK87, Cro93, Int05a, Int05b, RB24, Int06a, ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, MR04, PW03, RSF03]. **Communicating** [LSPP⁺23, KDK20, SK13c]. **Communication** [AAT⁺22, CL17a, CK06b, CK06e, DJ77, GGM⁺16, HW15, Jen79, MTFK19, RLZ⁺16, YC98a, YC98b, BML⁺13, DSC⁺08, DJ76, GI12, Kip21, Tho93].
Communications [NKK⁺06, SGK⁺23, CFVP12, HSC15, MN91]. **communities** [ACM04b]. **Community** [FMJ15, Var91, AAB⁺05a].
Community-based [FMJ15]. **compact** [AMB⁺17]. **compaction** [WK08].
companies [STMV18]. **Comparative** [LJL⁺15, EYGS19, SAR24, SFSN⁺24, Van98]. **Comparing** [Gal11].
Comparison [Do11, EDS⁺15, Ng01a, Ng01b, QNC07, AA06]. **Compatible** [ZFL15]. **compensation** [XNH21]. **Competition** [CRZH15]. **Competitive** [BFG⁺14]. **Compilation** [ACM06b, Cla97, FM90, JK13, KS13]. **compile** [RAT17]. **compile-time** [RAT17]. **Compiler** [GFH82, Har77, FS89, YC16, THL03]. **Compiling** [BS90, BSUH87, Ode87, Wak99]. **Complete** [Bod10, Fis09, LJJ⁺00, RRB17, War02]. **completion** [MNT14]. **Complex** [KAZS14, Sig89]. **Complexity** [SSH17, SP22, Bod88, FS08, GLK⁺12, Sub08].
Compliance [HC18]. **Compliant** [CF00, HWCH16, LDRS18]. **Component** [Ano3b, BSNB20, WML02]. **Component-aware** [BSNB20]. **Components** [PM19b, HPHS04, IKU15, VWT13]. **Composable** [JHE14]. **compose** [RGS⁺20]. **Composed** [Wei94]. **Composite** [DKW15]. **composition** [PFNC20]. **compositional** [Yel99]. **compound** [VMBM12].
Comprehensive [AP22, AEA⁺23, HSN17b, LV99, PCW⁺16, PS19a, TFtLcC15, GP13, MFT⁺19, MA17, NMC18b, NMC18a, RHR20, YWL⁺18].
compressing [JDW⁺14]. **Compression** [HKKW13, SHTE11]. **compromise** [CD01]. **CompSC** [PDC⁺12]. **Computatio** [HW93]. **Computation** [MTFK19, RWC21, TCTH23, CMP⁺13, CKP⁺93, KJJ⁺16]. **Computational** [MB20, THLK10, Wün13, YQZ14]. **Computations** [TDMP23, Kra90, NOR15]. **Compute** [GSW⁺17, KL13]. **Computer** [ACM81, ACM06d, Ano93, Arm78, BGS89, BG74, CCO⁺05, DM75, Gol73c, Hsu01, IEE85, IEE90a, IEE91, IEE05, Nel04, PBR⁺90, SS75, SI81, Tho73, Tur92, WR07, WR08, ZR06, Ågr99, BR01, DG05, DTW07, DCA17, FFB⁺00, GE85, GD08, Hog02, Jou85, Juo07, KW80, LBP⁺07, ME87, MS01, Pou90, Ros06, Skr01, Spi06, SS72, Sus76, WO75, YYP01, Yur02, Mon97, Osb01, War11]. **Computers** [BP99, BKMM87, BS90, KD78, MSS⁺15, Say67, HP77, SGGB99, SGGB00].
Computing [ACM98, ACM04b, ACM05b, ACM06e, Abr80, AAMBE21, AGC18, AD18b, BMJ⁺22, BCW20, Bos24, BHEP14, CWL12, CPKL17, CFM17, DDS⁺94, DPCA11, Gei02, GB19, HCB18, HW12, IEE96b, IEE04,

IEE06a, IBBA20, KC16, KGZ⁺⁰⁴, KK19, LCK11, LGXC23, LW12, MSG14, MK13, MZ20, MO98, NLPV12, NSJ12, PCW⁺¹⁶, PXG⁺¹⁷, PLZ20, PS16, RCM⁺¹², RSNK17, RSN⁺¹⁸, SGK⁺²³, SCSL12, SZW⁺¹⁶, SEF⁺⁰⁶, SB18, SFSN⁺²⁴, TLC06, USE93, Vog03, WDL⁺²⁰, WB81, WCC20, WTM18, XSC13, YLN⁺¹⁷, ZL18a, ZL16, ZZFO6, ZAI⁺¹⁶, ZD18, ZXG⁺²⁴, ZB20, ADA⁺¹⁹, AA24, Ano96, AMA⁺¹⁴, ARMMA18, AEB19, BB20, BMF23, BS96, CD14, CMGI⁺²³, CDM⁺¹⁰, CCL⁺²⁰, CLM24, DQR⁺¹³, DS18, DHD20, DCMW17, FGZC23, Fis91, FF96, Fro13, Fu10, GGQ⁺¹³, GLA⁺⁰⁸, GNK24, HKS19, HKJ19, HBNK24, HAK22, Hui18, JC18, JPTE94, dCJR16, KSS24, KHL17, KSO⁺¹⁵, LBZ⁺¹¹]. **computing** [LLW⁺¹², LZC⁺¹⁶, LCL14, LTZ⁺¹⁴, LP11, LPBB⁺¹⁸, LFHS23, LY23, MB21, MNA16, MK19, MK23, McG72, McK11, MFT⁺¹⁹, MUKX06, M⁺⁰⁶, MA21, MA24, MA17, MA19, MMG⁺¹⁸, NRdA⁺²⁰, NAR19, NIA18, PSZ⁺⁰⁷, PM19a, PDM20, QZDJ16, RNA⁺²², RKT20, RGAT18, RHR20, RWC21, RHZ⁺¹⁷, RQD⁺¹⁷, Rob06, RI25, SSG⁺²⁰, SBI21, SEM⁺²⁰, SM23a, SJW⁺¹³, SASG13, SSEA18, SB10, SHB19, Str05, TMLL14, TXD⁺²⁴, TMJ⁺²¹, VGL23, WGY20, WH08, XTB17, XLWZ18, XA22, YB24, YRJ18, ZLZ13, ZWHC17, ZLZ^{+19a}, ZYLY18, ZSRR22]. **con** [SMSB11]. **Concept** [AH68, Mad69, SIJPP11]. **Concepts** [PPTH72, Ågr99, Don88, MS01]. **Concerning** [Ker15]. **Concerns** [PM19b, VN08]. **concolic** [LLS⁺¹²]. **Concurrency** [HTB22, MD12, CFS⁺¹², Sub11, UR15]. **Concurrency-Aware** [HTB22]. **concurrency-safe** [CFS⁺¹²]. **Concurrent** [GMP89, Har77, KD78, IT86, WK08, YWGH13]. **concurrently** [SLC20]. **Conditioned** [WC01]. **Conference** [ACM81, ACM90, ACM96, ACM97, ACM00, ACM01b, ACM04b, ACM05d, ACM06a, ACM06b, ACM06f, Ano93, Ano99b, 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]. **Confidence** [AHRR22a]. **Configurable** [WJGA12]. **Configuration** [BRX13, Lar09, A⁺⁰⁴, FL13b, SMA⁺¹⁰]. **Configurations** [RB24, LDL⁺⁰⁸, RGS⁺²⁰]. **configure** [Car14]. **Configuring** [AL05, Rul07]. **Confirmation** [MTFK19, OG16]. **conflict** [BLRC94]. **Conflicts** [KPHA20]. **conformation** [MFT⁺¹⁹]. **CoNFV** [ZSP⁺²¹]. **Congestion** [CL16b, GR20, LYS⁺¹⁸, PHC20, YLH17, ZWC⁺¹⁴]. **Congestion-Aware** [PHC20, YLH17]. **Congress** [GHH⁺⁹³]. **conjugate** [MM92]. **Connected** [SMES01, MS00]. **connection** [MJ93, Tur84, XJW⁺¹⁸, TR88]. **connections** [FBZS12, Ker15]. **Connectivity** [NVV⁺²⁴, TZB19, VOS12]. **conservation** [RK16, TDG⁺¹⁸]. **Conserving** [DP11]. **Consider** [SC18]. **consideration** [YGLY21]. **Considerations** [GR20, G⁺⁰⁵, ZJRW19]. **Considered** [NMHS15, WC01]. **Considering** [XLWX19, JB24, LTZ⁺¹⁴]. **consistency** [FRM⁺¹⁵, LC14]. **Consistent** [DJS⁺¹⁷]. **Consolidated** [HC17, HPP15, JJK⁺¹¹, KKJL14, OL13, SS13, ZLL⁺¹⁶]. **consolidating** [BJ22, JB24]. **Consolidation** [AJ18, AAK18, BB13, DCM22, HO22, HW12,

LVM16, MAK18, PZW⁺⁰⁷, SBK15, XCSM18, XLWX19, YWW⁺¹⁵, ZDK⁺²²,
 ARA18, ARA20b, ARA20a, AGH^{+15b}, ATS16, AMAB17, AP18, BB12,
 BB15, BJG19, BJ20, BRS⁺²², CD14, CSSE21, DLH⁺²⁰, DHD20, FAA17a,
 FAA17b, Fro13, GPR23, GKJ⁺¹⁹, HM20, HMH17, HZZ⁺¹⁴, HH19, HLBZ20,
 IRB19, JFZL17, JYOB18, KA25, gKEY13, KS20b, KCV11, KR16, KU24,
 LZC⁺¹⁶, LBL16, LYYY17, LYYY18, LLWW18, LYY⁺²⁰, LL14, LWCZ22,
 LQD⁺¹⁸, LY23, LDDT12, Man15b, MA19, NZH20, NGN24, NTH⁺¹⁷, PC21,
 RT18, R⁺⁰², SENS16, SHR19a, SHR19b, SBNU18, SSN12, TDD20, VGL23,
 WCC^{+16a}, WCZ⁺²³, YWH⁺²³, YRJ18, ZLCZ18, ZSRR22, RMP24].
consolidation-aware [WCC^{+16a}]. **constituent** [RHR02]. **Constrained**
 [EGR15, LTE12, LLS⁺²⁰, TV18]. **Constraint**
 [LFB94, SAM14, DQLW15, HH18, LYYY18]. **constraint-based** [LYYY18].
Constraints [AD18b, BB13, FML⁺²², KKS12, SJ21, LLZ⁺¹⁹, NZH20, SZ13].
Constructing [CGC⁺²⁴, DM93]. **Construction**
 [BJPS73, XYYY17, YCL⁺¹⁸]. **consumer** [PAKY16]. **consumer-centric**
 [PAKY16]. **Consumption**
 [DSM14, HKM^{+18b}, MV16, FAA17a, FAA17b, FFB⁺⁰⁰, KSS⁺²⁰, KSS⁺²³,
 DPBK16, RJK16, SMSH18, THG⁺¹⁸, TUM18, VED07, VWT13]. **Container**
 [ECET18, EGG⁺²⁴, HO22, HWR⁺²⁴, QCM⁺²⁴, SPF⁺⁰⁷, YLN⁺¹⁷, ZTA⁺²¹,
 ZB20, ZLW18, CMG⁺¹⁹, GKP⁺¹⁹, HL24, Ker15, KA25, MG19, SG10a, Str13,
 TZY⁺²⁵]. **Container-Based** [ECET18, YLN⁺¹⁷, HO22, QCM⁺²⁴, SPF⁺⁰⁷].
Containerization [HSL17, SFSN⁺²⁴]. **Containerized** [HSL17]. **Containers**
 [EGG⁺²⁴, Kov19, MBK24, Ran20, SCA⁺²⁴, ZXR⁺²², BJ22, DSS19, DL19a,
 MK19, MK23, MFT⁺¹⁹, Ros14, SMSH18, SLC20, WGW⁺¹⁸]. **Containment**
 [CLW⁺¹⁴]. **Content** [CWH⁺¹⁶, FLZ17, LYS⁺¹⁸, MSC⁺²¹, GVI13, HKN22,
 LLF⁺¹⁸, LLWW18, XJR⁺¹⁷]. **Contention** [JQWG15]. **Contention-Aware**
 [JQWG15]. **contents** [BTLNBF^{+15b}, BTLNBF^{+15a}]. **Context**
 [DMG⁺¹⁵, LCMV17, TMV12, ZL18a, vLSM01, HB13, SSB^{+14a}, SM01].
Continuous [DL89, TSLBYF08]. **Continuum** [Bad87, MSLY24, SFSN⁺²⁴].
Contract [FZD⁺²⁴]. **Contraction** [Par79]. **contracts** [ZBS⁺²²].
Contribution [Han73, ABB^{+19b}, KA25, Han73]. **Control**
 [Ahn22, AGLM91, Att79, CFLL19, CL16b, Com65, Cre65, DL19b, GKG18,
 HS19, HHC⁺¹⁶, LZ15, LGJZ16, LXL⁺²², LXQ24, PSBG11a, RSNK17,
 RSN⁺¹⁸, ST24, Sch94b, Sch94a, SDD⁺¹⁶, Sur01, WJ10, WUK⁺¹⁸, WN17,
 WSAJ13, WLCS17, Zyt94a, Zyt94b, AS76, AMIA19, BKH⁺⁰⁶, FP14, HB08,
 Kee68, Kis08, KKS12, Lia05, Olb78, PSZ⁺⁰⁷, PSBG11b, PSC⁺⁰⁷, STS⁺¹³,
 XHW⁺¹⁹, ZBG⁺⁰⁵, ZSW⁺⁰⁶]. **Control-Flow** [WJ10]. **controlled**
 [KK79, Sto07]. **controller** [ZXB⁺²⁴]. **controller-based** [ZXB⁺²⁴].
Controllers [AMH⁺¹⁶, SDM21, CWG00]. **Controlling** [HSK17, BKC⁺¹³].
convection [BB95]. **Convention** [Ano93]. **Conventional** [Mad69].
converged [DPW⁺⁰⁹, SJL20]. **Convergence** [RM03, KKK⁺¹⁸].
Conversion [GBO87, IBM94, YTY00]. **convex** [SJRS⁺¹³]. **convolution**
 [QBL⁺²³]. **Convolutional** [EVCL21]. **Cookbook**
 [Car13, Car14, G⁺⁰⁶, P⁺⁰⁸, TH10]. **cooling** [ARMMA18]. **Cooperative**

[KJL11, RIP18, GLLJ16]. **Coordinated** [BRX13, LZ15, CRB12, HH18, KKJ⁺13, NS07, BBMA91, MSS91]. **Coordinating** [LH15, ZNSL14]. **Coordination** [ABV12, CRG16, Tho93]. **COOTS** [USE99]. **Copley** [USE01a]. **Coprocessor** [LRZ16]. **Copy** [AGJS16, LSC⁺17, ZCJ⁺21, HBNK24, HDG09, LXRS19]. **Copy-on-Abundant-Write** [ZCJ⁺21]. **copy-on-write** [LXRS19]. **copying** [PV08]. **CORBA** [GCARPC⁺01]. **Core** [JYM⁺23, KR18, RTL⁺18, CMP⁺07, DQR⁺13, JAD19, KW13, PNT12, SK13b, SWH⁺13, YTS14]. **Corel** [Ano03b]. **Corfu** [DJS⁺17]. **Corner** [Sch94b, Sch94a]. **correct** [DM93, IM75, Kou11]. **Correction** [ARA20b, Lee16, LCL⁺23a, NMC18b, SHR19a]. **Correspondence** [BDJdS02]. **Corruption** [CDW⁺24]. **CoShare** [WTJR22]. **Cosmology** [Nel04]. **Cost** [AMA18, AMH⁺16, CZX⁺19, EGG⁺24, EVCL21, HKS19, HKM⁺18b, LGS⁺23, VS19, WDL⁺20, XLWX19, ZB20, ADA⁺19, Dre08, KJM⁺07, LBZ⁺11, MMTM22, NGN24, NMC18b, NMC18a, OMB⁺15, SJRS⁺13, WCY⁺17, YRJ18, ZLZ15, ZLW⁺19a]. **Cost-Aware** [EVCL21, YRJ18]. **Cost-Effective** [VS19, HKS19, MMTM22]. **Cost-Efficient** [AMA18, CZX⁺19, ZB20, OMB⁺15]. **Cost-Performance** [WDL⁺20]. **Costs** [ZHW⁺17, FLL⁺13]. **count** [XWX⁺17]. **counter** [NB11]. **Counteracting** [VT14]. **Coupled** [WN17]. **Coupling** [BJPS73]. **course** [AL05, Don88]. **courses** [BBS06, GD08]. **Cover** [Arm98, ZXB⁺24]. **Coverage** [CSS⁺16]. **Coverage-directed** [CSS⁺16]. **covert** [WXW15]. **COVID** [Cap21]. **COVID-19** [Cap21]. **CP** [Bar73, Com82, Par72]. **CP-40** [Com82]. **CP-67** [Bar73, Par72]. **CPS** [CCL⁺20]. **CPU** [ASB18, BSSS14, GKJ⁺19, HB08, JGW⁺11, Kam13, LWC⁺17, MB15, PDL⁺23, Skr01, SK13c, TSN⁺23, VWT13, WGLL13, Yu20]. **CPU-bound** [TSN⁺23]. **CPU-intensive** [GKJ⁺19]. **CPUs** [vSMK⁺20]. **crash** [KY16]. **create** [Fit14]. **creation** [CK06b, CK06e]. **Credit** [KP15, KCS14]. **Credit-Based** [KP15]. **Cricket** [EBLM22]. **crisis** [AT16]. **criteria** [ATS16, KA25]. **Critical** [Ano15, CDO24]. **Criticality** [WLMD16, CDO24, LWM14]. **Crop** [UBF⁺98, BDF⁺98]. **Cross** [GAHL00, GSS⁺18, JR02, JXL⁺12, SWF16, SKT⁺19, WLW⁺15, WCC16b, WBHN18, AWR05, BKC⁺13, PKS⁺19, CWH⁺14]. **Cross-Architectural** [JR02]. **Cross-Architecture** [SWF16]. **cross-cloud** [PKS⁺19]. **Cross-ISA** [WLW⁺15, WCC16b, CWH⁺14]. **Cross-Language** [GSS⁺18]. **Cross-Layer** [SKT⁺19]. **Cross-organizational** [GAHL00]. **Cross-Platform** [JXL⁺12, WBHN18]. **cross-run** [AWR05]. **cross-thread** [BKC⁺13]. **crossbars** [JAC⁺19]. **Crosscut** [CLG⁺10]. **CrossFlow** [GAHL00]. **CrossOver** [Ano03b]. **Crowd** [SML18]. **Crowd-Sensing** [SML18]. **cryptographic** [QZDJ16]. **cryptography** [RY10, VDO14]. **CSDA** [War11]. **CSDP** [War11]. **CTO** [Cre08a, Cre08b, Cre09, Cre10b, Cre10a]. **cuckoo** [SBI21]. **CUDA** [EBLM22, MGL⁺17, PRS16]. **cultural** [MHM19]. **Current** [AH12, BDG18, RG05]. **Curse** [HB14, Kot10, NGRF19, Kot11]. **Customer** [PPO14]. **Customer-oriented** [PPO14]. **customisable** [BNS18].

Customizable [LJFS17]. **Customization** [PCC⁺16, CGV10]. **customized** [CSMB15, HB13]. **CVA6** [SVM⁺23]. **CVM** [DSC⁺08]. **cyber** [PTD⁺18, XZK⁺20]. **cyber-physical** [PTD⁺18, XZK⁺20]. **CyberGuarder** [LLW⁺12]. **Cybersecurity** [Ott18, ADWM18].

DADTA [ZLCZ18]. **DAI** [AKK⁺07]. **Dalvik** [YC16]. **damn** [B⁺07]. **Dana** [Ano10]. **Dancing** [DLX⁺17]. **Daonity** [CCMY07]. **Dark** [Fer11]. **Darling** [MR91]. **Dartmouth** [Lee86]. **Dartmouth-Smalltalk** [Lee86]. **Data** [AJ18, AT24, AAAF21, Aln22, AGC18, Att73, BFHW75, BB13, BC19, CL17a, Cap21, CGC16, CTP⁺17, DY17, EGR15, ECET18, FML⁺22, FL13a, GTS⁺15, HTW⁺19, HO22, HWR⁺24, IEE84b, JFPL16, KP15, KAS13, LMM18, LVM16, LLWM23, Man15a, Man16, MMdE19, Nel04, PCC⁺16, RK24, SB16, SJMG24, SMR24, UVL⁺13, WKJ20, WZH⁺16, WN17, Wel94, WTM18, XWJX15, YLH17, YWW⁺15, ZDK⁺22, ZHH⁺24, ZHL16, dSdF16, vSMK⁺20, ARA18, ARA20b, ARA20a, AKK⁺07, AD19, ABBJ23, AGH⁺15b, AGH⁺15a, AHRR22b, ATZP21, AH24, ATS16, AMAB17, ARMMA18, BK14, BB12, BDE⁺03, BOF17, CKRJ17, CLL⁺23, CFS⁺12, Cla05, CFRSSR19, DLH⁺20, DXM⁺17, FLL⁺13, GE85, GH91a, GH20, GHK24, GSKJ18, HM20, HN08, HKB19, HTB19, HLBZ20, HUWH14, IRB19, IKU15, IPRS21, JFZL17, JYOB18, JB24, KDK20, KBDK22, KZ21, KTB17, KJJ⁺16, KSLA08]. **data** [KB17, LDL14, LZW⁺15, LZC⁺16, LRP⁺19, LMDP19, MNB24, Man15b, MAK18, MRM06, MBM09, MHM19, NZH20, NGN24, NTH⁺17, PC21, Par25, PVRR14, PRB07, Pon19, uRQS20, QXH18, RK16, RH17, RT18, RK18, RJK⁺17, RGS⁺20, RMP24, SZKY21, SBI21, SHR19a, SHR19b, SBNU18, She91, SS19, SM23b, TSLBYF08, TDD20, VOS12, WKJ17, WDCL08, WZV⁺13, WCY⁺17, WHW20, Wol99, WTLS⁺09, WCG14, XXZ13, XHW⁺19, XLQL18, XXWG23, YPLZ17, YGLY21, YLJ22, ZLZ⁺19b, ZWH⁺17]. **data-control** [XHW⁺19]. **data-driven** [AH24]. **data-flow** [GE85]. **Data-Intensive** [WZH⁺16, JFZL17, QXH18, SZKY21]. **Data-Oriented** [ECET18]. **data-parallel** [She91]. **DataABC** [JFZL17]. **Database** [WK90, BBS06, CSSH11, ECAE13, MN91, MRC⁺13, PTM⁺15, SI81, SMA⁺10]. **databases** [GDSA⁺17]. **Datacenter** [BBM⁺15, CFL19, KGGS17, BCP⁺08, EYG21, GTGB14, MSG⁺12, SG10b, ZLZ15, ZWC⁺14]. **datacenter-scale** [MSG⁺12]. **Datacenters** [FXL⁺23, IBBA20, JWL⁺18, KGGS18, KL14, LGJZ16, LGJ⁺18, LCZ⁺19, LW20, SC17, SC18, GLLJ16, KK21, LPBB⁺18, WRS13]. **datacentre** [AH24]. **Dataflow** [HT98]. **Datapath** [TSP17]. **Dataplane** [BPP⁺17]. **DAVmS** [MA21, MA24]. **DBMS** [AY24]. **DBMS-Assisted** [AY24]. **DBT** [KS13]. **DCN** [CYX⁺17]. **DDG** [PGLG12]. **DDG-based** [PGLG12]. **DDGacc** [PGLG12]. **de-duplication** [CLcC13]. **de-facto** [Rus08]. **dead** [SK13a]. **Deadline** [AD18b, DQLW15, HKS19]. **deadline-aware** [HKS19]. **deadlocks** [PRB07]. **dealing** [BG20]. **deallocator** [GPS⁺18]. **Death** [NOT⁺17]. **Debian** [CK06a, CK06b, CK06k, CK06q, Bau06a, CK06a, CK06b, ZMD⁺21]. **Debian-based** [ZMD⁺21]. **Debues** [Ano03b]. **Debugger**

[MZG14, RB01, Sun99, But94, HH05]. **Debugging** [ACM05a, FS12, HHH04, AKCP21, Cia07, IMBB20, JHE14, KM13a, KM13b, KK79, PMC05, THL03]. **decades** [IMBB20]. **December** [ACM05b, HHK94, IEE05, M⁺06]. **decentralised** [STMV18]. **Decentralized** [RI25, AJBJ23, HPS23, XJR⁺17, ZBS⁺22]. **Deception** [PC24]. **Decision** [CHW12, DJ77, SC17, CFRSSR19, DJ76, FA21, KA25, RK18, YIR24]. **decision-making** [FA21]. **Decisions** [HKKW13]. **Declarative** [CRG16, Dan86]. **decoding** [SPAK18]. **Decomposition** [JK15]. **decreasing** [BY20]. **dedicated** [GLV99, KOY05]. **Deduplication** [Li14, MJW⁺14, PP16, CWC⁺14, GMK17, HOKO14, LF19, SSG⁺20, XZZ⁺16]. **Deduplication-Based** [MJW⁺14]. **Deep** [Che21, HTM⁺24, KSVR23, MSC⁺21, ZDS⁺22, GKT17, HcC14, MK22, QBL⁺23]. **deeply** [TMJ⁺21]. **defending** [CVWL13]. **defense** [TMV25]. **Defensive** [BDJdS02, Coh97]. **Defined** [AFG⁺17, CL17a, CPKL17, CMK⁺16, FXHY21, FML⁺22, JN15, LLW⁺16, LXZ⁺21, MP16, Ott18, Pap20, SN23, SB18, SKT⁺19, TBS17, YWH⁺21, ZKWH17, ALW15, DS19, HHSG18, LJR12, LWL16, RB24, TK20, XJW⁺18]. **Defining** [DL89, Hir17, Lot91, BMWB86]. **Definition** [Dom80b, SSB14b, SMO84, EMS15, SSB01]. **Definitive** [Chi08, Oak14]. **Defragmenting** [SGV13]. **degradation** [BJ22]. **Degree** [GB19, KMM13]. **DejaView** [LBP⁺07]. **Delay** [RSNK17, RKRK17, WCY⁺17, ZRS⁺16, HH18, KSS24, LCL14]. **Delay-cost** [WCY⁺17]. **delay-sensitive** [LCL14]. **delegated** [CLM⁺22]. **Delivery** [FLZ17, MSC⁺21, TFtLcC15]. **delta** [SHTE11]. **Demand** [CWL12, KKJ⁺13, MSS⁺15, MK13, SC18, SEF⁺06, ZZF06, DEG⁺17, J⁺05, JCZZ13, LZW⁺15, SGV13]. **Demand-based** [KKJ⁺13, SGV13]. **demands** [BG20]. **Demilitarized** [KBBM15]. **Demon** [XYD⁺18]. **Demystified** [COV⁺24]. **Demystify** [ZYH⁺19]. **Demystifying** [PS19a]. **Denelcor** [Dun86]. **denotational** [Arv02]. **Denver** [USE00b]. **Deoptimization** [KRCH14]. **Dependability** [FP14, VW08, YI24]. **Dependable** [DPCA11, SJW⁺13]. **dependences** [BKC⁺13]. **Dependent** [BP99, BB17]. **Deploy** [Kol19, XHW⁺19, CSMB15]. **deployed** [RY10]. **Deploying** [KLLT18, R⁺13]. **Deployment** [FBM⁺21, GMGF24, LXZ⁺21, MSC⁺21, SFSN⁺24, ZLZ21a, AAB⁺05b, Bor07, CGV10, LPZ⁺22, QBL⁺23, SASG13, WGW⁺18, ZLZ13, ZLV⁺12, ZBS⁺15]. **depth** [CBFH20]. **derivation** [MSZ09]. **Derivative** [Pfo13]. **derived** [Int06c]. **Deriving** [HWB03]. **Description** [Cre65]. **Design** [ACM06a, AC16, Ano03a, Ano03b, fLtNW14, ACA16, BKR20, BGS89, CLKEF21, CPS17, Clo85, DAH⁺12, Das91, Dom80a, DAdBM⁺24, DLS⁺01, ESY⁺17, GFB⁺92, JNR12, JJ02, KGGs17, KGGs18, KBBM15, Kut92, LH16, ML78, Mar73, Mar08, MKZ⁺25, MNN05, NBS18, OH05, PP73, PDL⁺23, PCW⁺16, SVM⁺23, SIR⁺17, SGGB99, SGGB00, SJL20, SM02, Sur01, WC01, WCSG05, WP97, XCJ⁺14, ZSXZ07, ZL18b, ZAI⁺16, AM16, Blu02, BT15, Bur02, CARB10, Car14, DN14, DCA04, DNR06, GR80, HH05, HH13,

JAC⁺19, Les74, Lia05, MSCK92, MRG18, Oi05, PMC05, PNM⁺20, Pul91, RGS⁺20, SI81, SNV10, SMSB11, SJW⁺13, Tur84, ZJRW19, CMP⁺07].

Designed [HS06, DCG12, Wu13]. **Designing** [Par79, PM19a, PDM20, TGCF08]. **DesignJet** [MSCK92]. **Designs** [DMS02, RGSJ17]. **Desktop** [Ano03b, BWD⁺15, KGG00, CCWY05, EM06, LLX⁺17, SWW⁺18, WH05].

Desktopping [JKB15]. **desktops** [KKJL14]. **destination** [HM20].

Destruction [NOT⁺17]. **Detecting** [CL14, CJJ⁺22, JKDC05, TV12, CWdO⁺06, LRC05]. **Detection** [CWS12, CLW⁺14, HTAY21, JHS12, LSSC22, SXH⁺19, AD18a, AMA⁺11, BSOK⁺20, FLM⁺08, HL24, Hui18, LF19, LMDP19, MW18, MA17, NS17, PDM20, PBYH⁺08, SIK⁺16, WCG14, XXZ13, ZZW⁺24].

detection/prevention [MA17]. **detectors** [LMJ07]. **Determine** [BP99].

Determining [ZRS⁺16]. **Deterministic** [KD78, RTL⁺18, BB12, KM13a, KM13b]. **dev** [Fer11]. **Develop** [DBMI92].

developers [SS17, Wil06]. **Developing** [HZZ⁺14, PCR89, RHZ⁺17, Win71, R⁺13]. **Development** [IGBKR19, Kna93, LLWM23, Lia05, LXQ24, RT93, Wil01, Bor07, But94, CWG00, Her10, IBM88, Int88, STFH15, TT93].

Device [Ano03a, Bos24, JKJ⁺10, KKTm17, Nou92, SGB⁺16, XYD⁺18, FFBG08, LU04, SBQZ14, TtLcC13, WHSE15, YWTC15]. **Devices** [CXLX15, KLK⁺22, MV16, MTJ⁺22, RC18, SSB03, SVL01, XD16, XD17, CMGI⁺23, CT03, DPW⁺09, PDC⁺12, Rus08, Wal76].

Devirtualizable [LSS04]. **devirtualization** [KJM⁺07]. **Devirtualizing** [HHS18]. **DevOps** [FBL18, SCL⁺19]. **Diagnosing** [MST⁺05]. **diagnosis** [PPO14]. **dialect** [BMW86]. **Diciclo** [KA24]. **Diego** [Ano10, IEE93a, USE99]. **dienste** [WF03]. **Difference** [GLV⁺09, GLV⁺10, Wal10, WBW⁺19]. **Different** [Nel04, PM19b, MFT⁺19, WCG21]. **Differential** [FRM⁺24, CSS⁺16].

Differentiated [MSS⁺15]. **diffusion** [DM93, MM92]. **Digital** [MBK⁺92, TLBW12, vCPWvT11]. **dimensional** [BSSM08, HPcC04, ZMD⁺21]. **Dinamica** [FSFP19]. **DINO** [RSW91].

Direct [MO98, TFtLcC15, BLRC94, LC09a]. **direct-mapped** [BLRC94].

Directed [AJM⁺06, CSS⁺16, NG13, RP07]. **Directions** [AEA⁺23, FLZ⁺20, GB19, WC01, ZXR⁺22, NIA18]. **directive** [CPM⁺18].

directive-based [CPM⁺18]. **director** [KMK10]. **Directory** [BC19]. **direkt** [LC09a]. **Dirty** [LZM⁺20, MZD⁺18]. **Disaggregated** [ASPP22].

Disaggregation [CFC⁺24, SM23b]. **Disaster** [HS19, KKLv16, MTFK19, AAF⁺09, BGS13, RCOW12, Mar08].

disaster-recovery [BGS13, Mar08]. **Disclosure** [WWL⁺17a, FSH⁺13].

Discourse [MBWW86]. **discovering** [FBZS12]. **Discovery** [HPB⁺24, PST15b]. **Discrete** [GLL⁺21, YP15, YIR24, ZGL⁺17].

Discrete-Time [GLL⁺21, YIR24, ZGL⁺17]. **Discretization** [Bos24].

Discussion [G⁺01]. **Disk** [ECET18, WWL⁺17b, AAH⁺03, BC10, DSSP06, DP11, WTL⁺16].

Disk-as-a-Resource [ECET18]. **diskette** [Ano97a]. **disks** [HJ10, hTMAC⁺08]. **Dispatch** [DLS⁺01, KKC⁺16]. **Distance** [GPM21, KKL16, MA24, AJD09, MA21]. **Distributed** [Ano10, BBD⁺91, BDF⁺99, Bos24, CEPR22, CLLS12, Das91, FXL⁺23, FKZ17, FD08, HKLM17, IEE93a, IEE96b, JWL⁺18, JZY⁺22, Kim84, KMG⁺18, KAZS14, LLW98, LS15, MLXG19, PP16, PHXL19, SC17, SCL⁺19, SM02, TCP⁺17, Vol90, WB81, WIS⁺15, WVT⁺17, WLS⁺18, WN17, XWH⁺16, ZZFO6, AC95, Ano96, AB16, AFT01, Bir94, EBLM22, EMI13, FS19, Fis91, FF96, FX06, Fu10, GKP⁺19, KTB17, KJJ⁺16, KSLA08, LC14, NS17, SJB14, SSN12, SGGB99, SGGB00, SIK⁺16, VOS12, WKC⁺09, XLQL18, YYC⁺19, ZWKX17, ZWHC17, ZB18]. **Distributing** [HHW10]. **Distribution** [Deu08, Vol90, ZKWH17, BTLNBF⁺15b, WRS13]. **Distrusting** [SOAK23]. **Diversity** [SJS⁺17, WGLL13, WHD⁺09]. **divisible** [HM18]. **DJM** [LLW98]. **DMVL** [THH⁺14]. **DMZ** [Kar07]. **DNA** [Ano03a]. **DNN** [NTL⁺24]. **DNS** [See10]. **Do** [AZEE17, AZEE18, GW07]. **Do-It-Yourself** [AZEE17, AZEE18]. **Docker** [Boe15, BSNB20, BNS18, BRS18, DSS19, DL19a, Isl19, Ker15, MFT⁺19, SMSH18, Spa19, WGW⁺18, XJR⁺17, ZMD⁺21, ZTA⁺21]. **Does** [BC10, NKY⁺18, SMSH18]. **Dolly** [CSSS11]. **Domain** [GGM⁺16, HHV⁺02, KLF⁺15, WK90, BML⁺13, SWL⁺23, TK20]. **Domain-aware** [KLF⁺15]. **Domains** [PNT12]. **dominance** [CPST14]. **Dominant** [ARAAA19]. **done** [Han16, HUL06]. **Don't** [HHPV15]. **Dortmund** [Müh75]. **DoubleChecker** [BHSB14]. **Down** [COV⁺24, JJ91, PBWH⁺12]. **Downing** [Ano97a]. **Downloading** [BC19]. **Dozens** [War11]. **DPMI** [GMR93]. **drafting** [MSCK92]. **Drive** [SYC14]. **Driven** [ACM05a, NSJ12, NVV⁺24, PY93, RB17, SV13, TVO92, XRL⁺22, YLQL25, AH24, CSSS11, DLX⁺17, EdPG⁺10, ZBS⁺22]. **Driver** [JXL⁺12]. **DriverGuard** [CDD13]. **Drivers** [Chu06, JKJ⁺10, Nou92, LU04, MSZ09]. **Drives** [RB24]. **DRL** [ZDK⁺22]. **DRL-Based** [ZDK⁺22]. **DRM** [WIS⁺15]. **DRP** [Mar08]. **DSM** [JZY⁺22]. **DSM-aware** [JZY⁺22]. **Dual** [KPHA20, FL13b, XHW⁺19]. **dual-VM** [FL13b]. **Duality** [FS08]. **dummies** [Low08]. **duplication** [CLcC13]. **Durham** [Boa90]. **during** [JK13]. **DuVisor** [CLM⁺22]. **DVFS** [Kam13]. **DVM** [MSG⁺12, MSG14]. **Dynamic** [Abr80, AT24, AMAB17, BB13, BHI15, BFS⁺18, CFC⁺24, CJK⁺12, DHPW01, DMG⁺15, DHD20, FBM⁺21, GWZ16, GSN93, HTW⁺19, HLPY16, JWH⁺15, KKE19, Lee16, LLWM23, LB98, LJL⁺15, MR23, MKZ⁺25, MP16, MDGS98, NMG15, PTHH14, PHXL19, QLL⁺21, RC18, RAP19, SAJ24, SZW⁺16, SDM21, TMLL14, TB17, TV12, Vac06, WWH⁺16, WCS09, XSC13, XCSM18, XML⁺18, YLT⁺23, YLN⁺17, ZFL15, ZWL09, ABDD⁺91, AT23, ARMMA18, AP18, BK14, BB12, BB15, BZA12, BOF17, CSV15, CPST15, DS18, FAA17a, FAA17b, GAHL00, GPW03, HM20, HTAY21, HLW⁺13, HB13, IRB19, JK13, JYW⁺13, JC18, JK17, KRCH14, KJM⁺07, LMV12, LYYY18, LJL12, MRG18, Mly09, NZH20, NTH⁺17, PGLG12, PMP23, PBAM17, RH17, RRB17, RI25, RMP24, SHR19a, SHR19b, SSEA18, THH⁺14, TK20, Tho73, WRSvdM11,

WRS⁺15, Wu13, WWH⁺17, XWW⁺21, XH90, YWF09, ZXB⁺24]. **dynamic** [vKF13]. **Dynamically** [MZG14, SML18, BLRC94, BDT13, FC98, HH13]. **dynamically-linked** [FC98]. **Dynamics** [MB20, YWCF15, ACT94]. **dynamo** [Hol95].

E-Mail [Joo06]. **e-Science** [SGV12]. **e-server** [A⁺04]. **Eagle** [KS18a]. **early** [HLW⁺13]. **early-exit** [HLW⁺13]. **Earth** [BC19]. **Ease** [Par79]. **EASY** [Fli77]. **eBay** [Joo06]. **ECI** [AMA18]. **ECI-Cache** [AMA18]. **ECMA-335** [ECM01, ECM02, ECM05, ECM06]. **ecological** [KSSG16]. **Economic** [FBL18, CSV15]. **Economy** [YLT⁺23]. **Economy-Oriented** [YLT⁺23]. **Ecosystem** [VMW⁺19, SCC⁺23, DMH18]. **Ecosystems** [NVV⁺24, PF23]. **Edge** [BMJ⁺22, BBM⁺15, Bos24, CPS17, Cre10b, HCB18, HS21, KSVR23, LKIL19, LGXC23, LGZ⁺19, MSLY24, MTJ⁺22, MVMHL24, PF23, RSNK17, RSN⁺18, Sar16, SFSN⁺24, WCC20, XLL⁺20, XZL⁺20, ZLG⁺20, ZXG⁺24, CMGI⁺23, Cre10a, FGZC23, LFHS23, MB21, MPA⁺18, MA19, SHB19, TXD⁺24, TMJ⁺21, VSMC23, ZLZ⁺19a, KA25, ZXG⁺24]. **Edge-Cloud** [MSLY24, XLL⁺20, TXD⁺24]. **edge-intelligence** [MPA⁺18]. **Edge-MPQ** [ZXG⁺24]. **edge/cloud** [MA19]. **Edition** [KGG00, LYBB14]. **Editorial** [Sed07, WYZAD20]. **Editors** [FDF05, KS08b]. **EDSAC** [CK96]. **Education** [ACM06d, GPM21, AJD09, DG05, GLA⁺08, HMS04, DTW07]. **educational** [WDSW01, YMY17]. **Effective** [LW11, LWC⁺17, VS19, WUK⁺18, WYZY24, HKS19, MMTM22, Sto07, WKJ15]. **Effectively** [UR15]. **Effectiveness** [ELC⁺19, Man15b]. **Effects** [JK17, PLMA18, KCV11]. **Efficiency** [AT24, BPP⁺17, JFPL16, KDB16, AT23, CFRSSR19, DHD20, FGG14, GHK24, GKT17, GKJ⁺19, IPRS21, KSSG16, MDZ⁺21, Par25, PVRR14, PBAM17, QXH18, SEPV19, WTL⁺16, XNH21, ZYLY18]. **efficiency-aware** [AT23]. **Efficient** [AMA18, ASMA21, BYZZ20, BWH⁺19, BHDS09, BKH⁺06, CWL12, CWH⁺14, CZX⁺19, CGV10, CHPY17, DSR23, DMR10, ECJ⁺16, EG01, GHS17, GKG19, HTW⁺19, HB13, JYM⁺23, JGSE13, KA24, KJL11, KLR⁺20, LM99, LFHQ19, LSX⁺24, LZM⁺20, MZD⁺18, MK13, MAK18, MBBS13, NSL⁺06, ORPS09, PP16, PWJ16, PDY⁺23, PCC⁺16, RSF⁺15, RK24, RMP24, SSG⁺20, SGK⁺23, SYZZ⁺14, SMR24, SHZ⁺14, SB73, TLX17, TCTH23, WLW⁺15, WCC⁺16a, WXZ⁺17, WCC20, WHD⁺16, WTJR22, XWX⁺17, XYD⁺18, YP15, ZDK⁺22, ZZG⁺23, ZLL⁺20, ZLG⁺20, ZB20, ABBJ23, AAM⁺16, AMAB17, BHvR05, BB12, BB15, BRIdM10, BRS⁺22, BHSB14, BDE⁺03, CP17a, Car14, CGM17, CFS⁺12, DQLW15, DCP⁺12, DCA17, EGKP02, FM90, HM20, HM18, HMH17, HKJ19, HLBZ20, IMK⁺13, JFZL17, KMT14, Kha19, KK21, KMG⁺18, KR16, KU24, LLE17, LZC⁺16, LYY⁺20, LFHS23, MR23, MHM19, NTH⁺17]. **efficient** [NBS18, OMB⁺15, PEL11, PM19a, uRQS20, RHR20, RF18, RZ14, RCTY19, SBI21, SENS16, SJRS⁺13, SSN12, SM23a, SGV12, SYMA17, SLA⁺16, SP23, SHTE11, SPSL25, VSMC23, WKJ15, WHW20, XXZ13, XLQL18, YPLZ17, YYC⁺19, YWH⁺23, YLK⁺10, ZXW16, ZDK⁺19, ZL13, ZLCZ18]. **Efficiently**

[CWL⁺¹⁵, EGJS15, PHXL19, BKC⁺¹³]. **EGO** [FSFP19]. **Eighth** [IEE01]. **EIGRP** [SAR24]. **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]. **Elaborate** [WMUW19]. **Elastic** [AAMBE21, AD18b, KSO⁺¹⁵, PLMA18, BKR20, LPBB⁺¹⁸, NAR19, TSCB19]. **Elasticity** [GLS15, MMdE19, OSK15]. **ElasticSearch** [Ben21]. **ElasticSFC** [TSCB19]. **electricity** [LBZ⁺¹¹]. **Electronic** [MSCK92, ZR06]. **Electronics** [GPM21, BB08]. **Elektronische** [Mar08]. **element** [FF22]. **Elémentaires** [Han73]. **Elementary** [Han73]. **EleVMate** [AH24]. **ELI** [GAH⁺¹²]. **elimination** [VED07]. **elliptic** [AGIS94]. **Elmau** [IEE01]. **em88110** [VdlFCC97]. **embeddable** [Web10]. **Embedded** [BHI15, DPCL22, DEK⁺⁰³, DS09a, DK23, GGM⁺¹⁶, GCL⁺²¹, JAD19, JYM⁺²³, Kut92, MKZ⁺²⁵, Mon97, NKK⁺⁰⁶, PPG⁺¹⁷, SMK02, SMP22, WLW⁺¹⁵, AH12, Caa00, CT03, CGV10, HK07, Ive03, KKC⁺¹⁶, LTK17, MBBS13, RJK16, RMB02, TMJ⁺²¹]. **Embedded-System** [Kut92]. **Embedding** [AM16, BL17, Che21, EMW16, FXL⁺²³, LGS⁺²³, OMB⁺¹⁵, PHXL19, PHC20, YLH17, AO16, BG20, BCC⁺¹⁵, CRB12, EMI13, HKB19, HH18, JK15, KKM⁺¹³, NTH⁺¹⁷, OKAM17, SS19, SZL⁺¹⁴, TK20, WHC16, WBW⁺¹⁹, WZZ⁺²⁰]. **Embeddings** [RS20]. **EMF** [WIDP12]. **Emphasis** [Cre65]. **EmuID** [CJJ⁺²²]. **emulate** [tTR82]. **Emulated** [PC24, THC⁺¹⁴]. **emulating** [VdlFCC97]. **Emulation** [Ano03a, BKMM87, CLKEF21, JN15, KKTm17, Mal72, BB08, CWH⁺¹⁴, CJJ⁺²², 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, Mal73, Ert05]. **Enable** [XD17, HPS23, TMJ⁺²¹]. **Enabled** [HTB22, LXZ⁺²¹, MKZ⁺²⁵, SB18, DMH18, HTB19, KS20a, KZ21, RI25, SGV12, TUM18, VOS12]. **enabler** [DPW⁺⁰⁹]. **Enabling** [AEA⁺²³, HD16, HS21, KMK10, NOT⁺¹⁷, OVI⁺¹², Spa19, TY14, WHD⁺¹⁶, ZZG⁺²³, LSS04, ZBS⁺²²]. **encoder** [KA25]. **encoding** [BDE⁺⁰³, SPAK18]. **Encrypted** [HB17]. **Encrypting** [Pro00]. **Encryption** [SXH⁺¹⁹]. **End** [Ram93, SS17]. **end-users** [SS17]. **Endurance** [AMA18]. **Energy** [ADA⁺¹⁹, AGC18, AAK18, BWD⁺¹⁵, CWL12, CP17a, DMR10, DQLW15, Do11, DCMW17, EGR15, FML⁺²², FLZ17, HTW⁺¹⁹, HKM^{+18b}, IRB19, JJK⁺¹¹, JFPL16, JYM⁺²³, KC16, KSS⁺²⁰, KB21, KSS⁺²³, KDB16, KCS14, KL14, LMM18, LZC⁺¹⁶, LYYY18, LGJ⁺¹⁸, LYY⁺²⁰, LWCZ22, LFHS23, MDZ⁺²¹, OBSR16, PHC20, RK16, RH17, RK24, SBNU18, SYMA17, SZL⁺¹⁴, SP23, TDD20, WZH⁺¹⁶, XLWX19, YLK⁺¹⁰, YRJ18, ZDK⁺²², ZWC⁺¹⁹, ZHL16, AJB23, AMAB17, ARMMA18, BAC15, BB12, BB15, BRIdM10, BJG19, BRS⁺²², CD14, CFRSSR19, DP11, DHD20, DXM⁺¹⁷, FAA17a, FAA17b, FFB⁺⁰⁰, GLK⁺¹², GTN⁺⁰⁶, GKJ⁺¹⁹, HM20, HM18, HLBZ20, JWH⁺¹⁵, JFZL17, JC18, KMT14, KTB17, KR16, LJYZ15, MR23, DPBK16, MHM19, NTH⁺¹⁷, NBS18, dOL12, Par25, PVRR14, PTD⁺¹⁸, QXH18, RHR20, RP07, RT18, RCTY19, SBI21, SENS16, SSMH18, SHR19a, SHR19b].

energy

[SPSL25, THG⁺¹⁸, VW08, WDT18, WHW20, XNH21, XZK⁺²⁰, YPLZ17, YW20, YWH⁺²³, YLJ22, YB24, ZLCZ18, ZYLY18, ZSRR22, RNA⁺²²].

Energy- [WZH⁺¹⁶]. **Energy-Aware**

[AAK18, Do11, EGR15, LMM18, PHC20, XLWX19, ADA⁺¹⁹, DCMW17, KC16, KB21, LYYY18, LWCZ22, RH17, SZL⁺¹⁴, ZWC⁺¹⁹, CD14, DXM⁺¹⁷, GLK⁺¹², JC18, KCS14, MHM19, SHR19a, SHR19b, WDT18, YB24, ZSRR22].

Energy-Awareness [ZHL16]. **Energy-credit** [KCS14]. **Energy-Efficiency**

[JFPL16, XNH21]. **Energy-Efficient** [DMR10, HTW⁺¹⁹, JYM⁺²³, ZDK⁺²², CP17a, LZC⁺¹⁶, LYY⁺²⁰, LFHS23, SYMA17, SP23, YLK⁺¹⁰, AJB23, BB15, BRIdM10, HM20, HM18, HLBZ20, JFZL17, MR23, NTH⁺¹⁷, NBS18, RHR20, RCTY19, SBI21, SPSL25, WHW20, YPLZ17, YWH⁺²³].

Energy-Oriented [BWD⁺¹⁵]. **energy-performance** [XZK⁺²⁰].

energy-saving [YLJ22]. **Enforcement** [LJFS17, NMMP15]. **Enforcing**

[KC12, WZL15]. **'Engine**

[Wal10, GLV⁺⁰⁹, MO98, VG20, GLV⁺¹⁰, J⁺⁰⁵, MIS⁺⁰⁵]. **Engineering** [GPM21, IEE84b, SDS⁺²¹, ACM01a, MKM⁺⁰⁸, McG72, MPM⁺²⁰, WZV⁺¹³].

Enhance [GLS15, CMGI⁺²³, MK19]. **enhanced** [MK23, SM23a, SDN09].

enhancement [DXM⁺¹⁷, KS18a]. **enhancements** [AKK⁺⁰⁷]. **Enhancing**

[CPKL17, GI12, GHK24, HWR⁺²⁴, ZXB⁺²⁴]. **ENIAC** [ZR06].

Enlightened [AGJS16]. **ensemble** [RGAT18]. **ensuring** [Req03].

Enterprise [ADG⁺⁹², CMK⁺¹⁶, FPR⁺⁰⁶, G⁺⁰⁶, LVM16, BSNB20, EM06,

Hal08, NS07, WH05, Ano03a, Gal11]. **enterprises** [GAHL00]. **enthüllt**

[Joo06]. **ENTICE** [GKP⁺¹⁹, HKM^{+18a}]. **Entities** [ZLG⁺²⁰]. **Entity**

[LGZ⁺¹⁹]. **Entrepreneur** [War11]. **Entropia** [CCWY05]. **Entropy**

[TVO92]. **Entropy-Driven** [TVO92]. **EnTruVe** [RNA⁺²²]. **enumeration**

[SSH17]. **Environment**

[ACL72, BGM70, CL16b, GKSP99, Gen86, GGG03, HW93, IEE06a, J⁺⁰⁵,

JADAD06a, LWC⁺¹⁷, LW12, Mac79, MB15, RT93, SAJ24, TMV12, XSC13,

XLL⁺²⁰, ZD18, AAB^{+05b}, BRS⁺²², BH13, CLDA07, CWG00, DL19a, Don87,

DS22, FCD09, FAA17a, GSG22, GD08, GMR93, GNK24, Hal09, HL13,

JWH⁺¹⁵, JXZ⁺¹⁰, JADAD06b, KW13, KA25, KKK⁺¹⁸, KMG⁺¹⁸, KU24,

LJYZ15, LPZ⁺²², McG72, MST⁺⁰⁵, MW18, MPF⁺⁰⁶, NNK21, NS17, PM19a,

RGAT18, RG19, RAP19, SPSL25, TMLL14, TT93, TV18, Van06, WLL⁺¹³,

XZZ⁺¹⁶, YWH⁺²³, Yu20, ZBP05, ZFL⁺²³, ZZW⁺²⁴, ZLLL13, FAA17b].

Environments [ACM05d, ACM06f, AD18b, BB17, BMJ⁺²², BE17, CWL12,

CGMD19, GKXK13, HHW10, HKKW13, KKH14, KGZ⁺⁰⁴, LH15, NKY⁺¹⁸,

PGP19, PWJ16, PLZ20, RIP18, RGSJ17, SV13, SKT⁺¹⁹, TDMP23,

XLWX19, ZWFX17, ZZF06, ARA18, ADA⁺¹⁹, ATS14, BCC⁺¹⁵, BRIdM10,

BDK⁺⁰⁸, CFVP12, DP11, DS18, DEG⁺¹⁷, FMIF18, GPS⁺¹⁸, GMK17,

GGK19, HOKO14, HC12, dCJR16, KSO⁺¹⁵, KKB14, LC14, PSZ⁺⁰⁷,

PST15b, SSG⁺²⁰, SJW⁺¹³, SGV12, SHB19, TRG13, VDO14, WWWL13,

WTL⁺¹⁶, XHL⁺¹³, YLK⁺¹⁰]. **Ephemeral** [WHD⁺¹⁶]. **equilibrium**

[uRQS20]. **equivalent** [TLX17]. **Erasure** [ZLL⁺²⁰]. **Erasure-Coded**

[ZLL⁺20]. **Erlang** [TCP⁺17]. **Erratum** [FAA17b]. **Error** [XH16, XHL⁺13].
errors [AMIA19]. **Ersatz** [Hin08]. **erstellen** [Zim06]. **Erstellung** [See08a].
ESA [Fis91, GH91a, IBM94, MSS91, OJG91, SNC91]. **ESA/390** [OJG91].
ESA/XC [GH91a]. **Escape** [WLCS17]. **Escapers** [SXH⁺19]. **eServer**
 [R⁺02, G⁺05]. **Espresso** [WZL⁺18]. **ESPRIT** [RD90]. **Essentiality**
 [FXL⁺23]. **Essentials** [SNS03, MBM09, VSC⁺10]. **Estimation**
 [DSM14, HSK17, KSSG16, NKY⁺18, OBSR16, SJMG24, LBL16, MPA⁺18,
 VWT13, WDT18]. **ESX** [AAH⁺03, D⁺04, MWHH05, OH05, Rul07, R⁺02,
 Zim05, Hal08, MBM09, Wal02]. **ESXi** [GKBB15]. **ET6** [Pul91]. **ET6/1**
 [Pul91]. **ETAS** [IRB19]. **Ethereum** [FRM⁺24, HLW⁺23, Hir17]. **Ethernet**
 [YCL⁺18]. **ETICA** [ASMA21]. **Eucalyptus** [AMA⁺14]. **European**
 [ACM04a]. **EUOTRA** [Pul91]. **Evaluating** [Ben21, De 06, GLK⁺12,
 GC00, HH19, HW93, MTJ⁺22, RCM⁺12, BJ22, SMSH18]. **Evaluation**
 [AD11, Bos24, CFH⁺79, CFH⁺80, DAH⁺12, HB12, KD78, MG19, MMHP17,
 PZW⁺07, RNS⁺23, SJA⁺17, SHB⁺03, SP22, SHTE11, TMV25, TftLcC15,
 VMBM12, ZZW22, ACM06c, ALW15, DSSP06, FSH⁺13, GE85, HTB19,
 JFZL17, dCJR16, Kao17, Kee68, MCC18, Man18, NMC18b, NMC18a, SLC20,
 TUM18, VW08, WKT08, WWH⁺17, YZW⁺13, Hin08]. **evaluations**
 [SJW⁺13]. **Even** [KBK⁺21]. **Event** [DLX⁺17, MV16, YP15, ZBS⁺22].
Event-driven [DLX⁺17, ZBS⁺22]. **events** [LC13]. **Everything** [NBB⁺19].
everywhere [Tre05]. **Eviction** [AGJS16]. **Evictions** [vSMK⁺20]. **Evil**
 [HCJ07]. **EVMFuzz** [FRM⁺24]. **Evolution** [BG73a, HH79, Kim84, SLM89,
 SL16, AGSS10, CD01, GBCW00, Kro09, WIDP12]. **evolutionary**
 [LKR⁺19, LWCZ22]. **Evolutions** [BAL15]. **evolving** [Ano96, FF96]. **Exact**
 [WHW20, EYGS19]. **examination** [HN08]. **Examining** [NL00]. **Examples**
 [Gol71b]. **Exascale** [NLD⁺23]. **exceeding** [GHS16]. **Excelsior** [MLG⁺02].
exception [CGC⁺24, Sal92]. **Exceptionization** [YKM17]. **exceptions**
 [Ven97b]. **Excessive** [IYAK23]. **Exchange** [SMR24]. **exclusion** [SGS92].
Executable [MP01, ST24]. **Executables** [LKL⁺19, AD18a]. **executing**
 [ACT94, Lot91]. **Execution**
 [ACM05d, ACM06f, CGMD19, CDW⁺24, FZD⁺24, HWB03, KGZ⁺04,
 LWC⁺17, MM93, MKZ⁺25, MO98, PY93, RT93, SV13, ZLSI17, vLSM01, AS76,
 AAB⁺05b, BSD19, BFC02, BDK⁺08, CLDA07, EBLM22, Fre05, GCARPC⁺01,
 GK05, dCJR16, MMP⁺12, OJG91, SM01, TT93, TV18, ZBS⁺22, ZL13].
Execution-Driven [PY93]. **executions** [KM13a, KM13b]. **Exercise**
 [Lee86]. **Exhaustive** [PM19b]. **existential** [AT16]. **Existing**
 [JMSLM92, LTT92]. **exit** [HLW⁺13]. **exitless** [AGH⁺16]. **exokernel** [Cof99].
Expansion [Par79]. **Expelliarmus** [SBBP20]. **Experience**
 [San88, RM03, CARB10, CBLFD12, FDD⁺19, PBAM17, RSC⁺15, TGCF08].
Experiences [FBGS24, NV05, SCD90, Tsa14, CMP⁺07]. **experiment**
 [HA79]. **Experimental** [Bro89, ACM06c, FSH⁺13, HL13, SS72].
experimentation [ACG18]. **Experimenting** [Taf11]. **experiments** [Ker88].
Expert [Hee07]. **ExpEther** [NMS⁺14]. **Explaining** [YYL⁺15]. **Explicit**
 [WUK⁺18]. **Exploit** [GLL⁺21, RAP19]. **Exploitation** [SSMGD10].

Exploiting [CRZH15, EdPG⁺10, GLS15, MPA⁺18, MFT⁺19, PA21, SJS⁺17, YTS14, WTLS⁺09]. **Exploration** [SVM⁺23]. **explorative** [AHK⁺15].
explore [Fit14]. **Exploring** [CLKEF21, CPM⁺18, LSSC22, SE12, SidLB15, WKJ20, YBZ⁺15]. **Expo** [Ano06a]. **Express** [Ng01a, Ng01b]. **Expression** [Cox07, Cox09, Cox10, Cox12, Wat86, Wat87, Tho68]. **Expressions** [KP99].
extend [MK19]. **Extended** [DC15, FBGS24, Gum83, MT16, MT17, Olb78, You73, IBM88]. **Extending** [CT03, DLM⁺06, PTHH14, YTY00]. **Extensible** [FLCB10, TSP17, DCA04, YJZY12]. **extension** [DCP⁺12]. **Extensions** [Fis01, SCP93]. **EXTERIOR** [FL13b]. **External** [AA18, LHW⁺20, FL13b].
extraction [KA25, WML02]. **ExtraV** [LKY⁺17]. **ExtraVirt** [LRC05].
extreme [NOR15]. **EXUS** [SKC73]. **eye** [Guy14].

Fabric [ZL18a]. **FACADE** [GLV99]. **faceted** [BDQR23]. **FACILE** [GMP89]. **Facilitating** [cCWS14, SWcCM12]. **Facilities** [Gum83, GH91a, MN91]. **Facility** [McK04, MLA83, SM90, IBM72, IBM73, IBM76b, McC74, Olb78, SZ88].
Facility/370 [IBM72, IBM73, IBM76b, McC74, Olb78]. **facto** [Rus08].
Factor [SC18]. **factors** [BJ20]. **Fad** [Fra98]. **Failover** [SAR24]. **Failure** [Fu10, KLR⁺20, MSI⁺12, ZWH⁺17]. **Failure-aware** [Fu10, ZWH⁺17].
Failures [YYL⁺15, PBYPH⁺08]. **Fair** [AIAR⁺24, CL15, CFLL19, GLLJ16, HSN17a, KNHH18, TTH⁺19, RZ14].
Fair-share [KNHH18]. **FairGV** [HSN17a]. **Fairness** [SWH⁺13, SKJ⁺17].
Falle [Mar08]. **familiarized** [Ame13]. **Farms** [Do11]. **Fast** [CSS⁺13, CLW⁺14, Cox07, CHPY17, Hol95, HSN17a, JFPL16, Kou11, KLK⁺22, NOT⁺17, PEL11, ZLW⁺14, ZFY18, ZLZ⁺19b, ZLW⁺19b, JFZL17, KMMV14, KJLY15, LKR⁺19, MSZ09, SK13b, SV15]. **Fast-Spreading** [CLW⁺14]. **FastDesk** [SWW⁺18]. **FASTSCALE** [LKR⁺19]. **FASTT** [D⁺04]. **Fault** [FK03, JKJ⁺10, Kim84, RZPX19, XXWG23, YWR⁺14, YYL⁺15, ZJXL11, SNV10, SM23a, YLH14, YI24]. **Fault-Tolerant** [FK03, Kim84, YWR⁺14, SNV10]. **faults** [CP17b, LRC05]. **FCP** [SAB⁺07].
Fe [ACM00]. **feather** [YGN⁺06]. **feather-weight** [YGN⁺06]. **feature** [Bag76]. **Features** [Gal11, MB21, McC74, Bau06b, Bau06a, IT86, LPZ⁺22].
features-based [LPZ⁺22]. **featuring** [Wil06]. **FEBI** [HLW⁺23]. **February** [Ano10, USE01b]. **Federated** [HTM⁺24, RNS⁺23, AO16, CFVP12, dCCDFdO15, KMG⁺18]. **federation** [LWLL16]. **Fedora** [HH08]. **feedback** [NG13, ZBG⁺05]. **feedback-control** [ZBG⁺05]. **feedback-directed** [NG13]. **feeding** [NGN24]. **FF** [LSPP⁺23].
FF-A [LSPP⁺23]. **FGP** [FG91]. **FHPCN** [M⁺06]. **Fiber** [GDSA⁺17].
Fiber-based [GDSA⁺17]. **Fidelity** [KKTM17]. **Field** [BBM⁺15, KNT02].
Fifth [ACM75, IEE96b, USE99, IEE04]. **File** [AEMWC⁺12, AvMT11, Li14, Neu92, SNC91, ZCJ⁺21, ZZFO6, FFBG08, HC12, Int06c, JXZ⁺10, SBQZ14, TZY⁺25, Vag10, WH08, WF07]. **files**

[LLF⁺18]. **filesystem** [ZYZ⁺18]. **filling** [HUWH14]. **film** [SL00]. **filtering** [MG19]. **FIMCE** [ZD18]. **final** [Pul91]. **find** [Fab13]. **finding** [Bod88]. **Fine** [BSSS14, CHW12, CDD13, HSK17, JCZZ13, PG11, RB17, YGLY21, YSS⁺17, KWZ⁺19, WJGA12, YTS14, YSM⁺21]. **fine-grain** [WJGA12]. **Fine-Grained** [BSSS14, CHW12, CDD13, HSK17, RB17, YSS⁺17, JCZZ13, PG11, KWZ⁺19, YTS14, YSM⁺21]. **Finite** [SC17, GLW23]. **Finite-Markov** [SC17]. **Firefly** [KC16, SM23a]. **Firefox** [Joo06]. **Firewall** [TMV12, DS18, JES⁺15]. **firmware** [ABB⁺15, MSCK92]. **First** [ACM05d, IEE84b, LCWB⁺11, MNS⁺14, SMP22, ZR06, SS17, SHB⁺03]. **First-Class** [LCWB⁺11, SS17]. **Fit** [NKY⁺18, BY20, LWB13]. **Fixed** [Lam75, Bod88]. **FL** [PF23]. **Flash** [SYC14, Pat12, ZXB⁺24]. **Flash-based** [SYC14]. **flaws** [Ano07]. **flex** [Kag09]. **FlexHM** [PDY⁺23]. **Flexibilities** [LS15]. **Flexibility** [BSI⁺15, FPS⁺02]. **Flexibilizing** [BG20]. **Flexible** [AvMT11, CGMD19, KA24, KWZ⁺19, KS20b, KLK⁺22, LZW⁺17, LWB13, PDY⁺23, vMAT14, AHRR22b, ACG18, CARB10, CCL⁺17, TGCF08]. **Flock** [ZWC⁺23]. **Flow** [FML⁺22, MSLY24, WJ10, BSD19, BK14, BKH⁺06, FLL⁺13, GE85, RJK⁺17, TK20, YKS16]. **Flows** [CDD13]. **Fluid** [MB20]. **Flux** [SML18]. **Fly** [MKZ⁺25, AH24, URJ18]. **Focused** [SFSN⁺24, BDG18]. **Fog** [NBS18, KZ21, MMTM22, RNA⁺22]. **fog-cloud** [MMTM22]. **fog-enabled** [KZ21]. **folding** [CPST14, Oi06]. **Forecast** [CWL12, TMLL14, VGL23]. **Forecasting** [PCW⁺16, CBJ22, KSSG16]. **Forensics** [HN08, ZXY⁺15]. **Foreshadow** [VMW⁺19]. **Formal** [BDJdS02, BN75, CH78, Dom80b, JE12, Jen79, MP01, PG73, PG74, Qia99, YI24]. **Formalism** [UOKT84, Pul91]. **Formalizing** [HM01]. **formation** [HLW⁺13]. **FORSETI** [CSV15]. **FORTH** [Mar81, Kna93, Ode87]. **FORTTRAN** [IBM88, Int88]. **Forum** [CS76, DM76, Fra83, GHF83a, GHF83b, WNL⁺83, DHPW01, GPW03]. **Forward** [Uhl06, YK13]. **found** [Ano97b]. **foundation** [OJG91]. **Foundations** [Hog08, HMS17]. **Four** [QNC07]. **Fourth** [Ano03b, MS91b]. **Fourth-Generation** [Ano03b]. **FP** [JFPL16]. **FP-ABC** [JFPL16]. **FPGA** [GP13, QTR21, ZDS⁺22]. **Fractional** [PS23]. **Fragmentation** [GWZ16, HKM⁺18a]. **Frame** [WH99]. **Framework** [DY17, GCL⁺21, GH91b, JXL⁺12, KCWH14, KAJW93, LGZ⁺19, LWLL10, LWB13, MKZ⁺25, MGL⁺17, PC24, PXG⁺17, PST⁺15a, PLZ20, RNS⁺23, SLW⁺24, SZW⁺16, SEK⁺19, SCA⁺24, TMV12, WGW⁺18, XWH⁺16, YWH⁺21, ZFL15, ZWFX17, ZDS⁺22, Ame13, AC16, BB15, BDE⁺03, CD14, DS20, DLH⁺20, FPGK18, FMJ15, Fre05, JSK⁺13, Kag09, Kao17, KKM⁺13, KJJ⁺16, LLE17, NB11, PM19a, PDM20, PV06, RH17, RSC⁺15, RK18, RMP24, SJRS⁺13, SSEA18, SL00, SIK⁺16, STY⁺14, WHC16, YWTC15, ZXW16, ZS01, ZSR⁺05]. **Frameworks** [AP22, ZLW18, AGH⁺15b, HZZ⁺14]. **France** [ACM90, ACM05b, Jou85, JPTE94]. **Francisco** [ACM06a, USE02]. **Free** [Ano03a, BRX13, SAM14, ABBJ23]. **FreeBSD** [McK04, MNN05, Sar01]. **FreeDOS** [WF03]. **French** [Apr09, AH68, Han73]. **frequency** [Kam13, SSEA18, AMAB17]. **fresh** [DSR23]. **Friendly**

[ZBG⁺05]. **Front** [Ram93]. **Frontier** [Sar16, Rob12]. **Frontiers** [ACM06e, M⁺06]. **Full** [HHC⁺16, HSL17, MZD⁺18, MCE⁺02, PGP19, Sch13b, SWF16, JK17, LLY⁺18, YKS16]. **Full-System** [SWF16]. **Fully** [CGMD19, KBBM15, ZD18]. **Function** [AP22, Aln22, CEPR22, Che21, EMAL17, ELC⁺19, FBM⁺21, FR24, FLZ17, GGK18, HTAY21, HSL17, JW17, KLR⁺20, LGXC23, LLW⁺16, LYL21, MLXG19, MDZ⁺21, MSLY24, MSC⁺21, Pap20, PHXL19, RKRK17, SN23, WCC20, XWW⁺21, YWL⁺18, ZZG⁺23, ZSP⁺21, ZLZ⁺21b, ZWC⁺23, ZKWH17, ALW15, BCC⁺15, DS18, FZS⁺20, HLW⁺23, LMDP19, MCJ19, MHS21, QBL⁺23, SHB19, SOKE23, TSR19, TSCB19, XHW⁺19, YLTF20, YXL⁺20, ZJRW19]. **Function-as-a-Service** [ZWC⁺23]. **function-virtualized** [DS18]. **Functional** [ACM90, Dan86, DCG12, GMP89, Ame13, Wak99, Jou85]. **functionality** [MK19]. **Functions** [BYZZ20, BCZ19, CFC⁺24, DL89, HTM⁺24, KLLT18, MP16, NGRF19, NVV⁺24, TF16, WZL⁺23, DS19, FJKK17, HHS18, HH19, KWZ⁺19, LRP⁺19, PMP23, PJZ⁺19, PFNC20, QZDJ16, TSCB19, YCL⁺19, ZGL⁺17, CBJ22, GHM⁺18, TSN⁺23]. **fundamental** [BCZ19]. **funfte** [Müh75]. **funnel** [LMV12]. **Fusion** [Kis08]. **Future** [FLZ⁺20, GB19, Her06, IBBA20, KS08b, LCMV17, RG05, Sup04, Var91, ZXR⁺22, AH12, Bau05, NIA18, PTD⁺18, Ros14, Str13, Yur02, SIJPP11]. **fuzz** [FRM⁺24]. **Fuzzing** [KLF⁺15, LSX⁺24]. **Fuzzy** [AAR22, BY20, Hu90, LZ15, CFRSSR19, FA21, FLM⁺08, SENS16, ZB18]. **Fuzzy-logic-based** [BY20]. **FWNs** [SIJPP11].

G [ALW15, HH18]. **GA** [HMH17]. **Game** [SAJ24, FK13, GLLJ16, LWCZ22, NS17]. **Game-Based** [SAJ24]. **games** [WKC⁺09]. **Gaming** [CZX⁺19, ZQCZ16, CZX⁺19]. **Gap** [DGLZ⁺11, FL13a, GSW⁺17, ZLHD15]. **gaps** [HUWH14]. **Garbage** [ADM98, DS16, GTS⁺15, HPHV17, PBAM17, Sch13a, SHB⁺03, URJ18, BOF17, DEE⁺16]. **Gast** [WF03]. **Gast-Systeme** [WF03]. **Gateway** [CCO⁺05]. **Gateways** [DW14]. **gather** [Wol99]. **Gb** [YCL⁺18]. **GC** [HHPV15, SEPV19]. **GC-Wise** [SEPV19]. **GCompris** [CK06t, CK06r, CK06s, CK06q]. **GCTrees** [DS16]. **GDB** [MZG14]. **gehärteten** [See08a]. **Geiger** [JADAD06b]. **Gelato** [Ano06a]. **Gene** [SSU⁺12]. **Gene/P** [SSU⁺12]. **General** [Cre65, GFB⁺92, XWH⁺16, ZDS⁺22, BJ22, BDE⁺03, LSS04, SS72]. **General-Purpose** [GFB⁺92, ZDS⁺22]. **Générateurs** [Han73]. **Generation** [AEA⁺23, Ano03b, AC98, BDF⁺99, CF00, GFH82, MZG14, PG74, EL98, IIK⁺06, LLS⁺12, PG73, RGS⁺20, Sus76, Web10]. **generational** [WK08]. **generations** [BOF17]. **Generator** [Han73, ABDD⁺91, EGKP02]. **Generators** [Fra83, GHF83a, GHF83b, WNL⁺83]. **Generic** [MM94, ZLZ⁺21b, BKT⁺19]. **generics** [Int06a]. **Genetic** [AAR22, MPM⁺20, PC21]. **Geo** [JWL⁺18, PHXL19, XLQL18]. **Geo-Distributed** [JWL⁺18, PHXL19, XLQL18]. **geographically** [KTB17, ZB18]. **geometry** [Hol95]. **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]. **GiantVM** [JZY⁺22]. **GINI** [YMY17]. **GKLEE** [LLS⁺12]. **Glass** [LHW⁺20]. **Global** [LLW98, Neu92, Sta97]. **GloudSim** [DC15]. **gMig** [LZM⁺20, MZD⁺18]. **GNAT** [CDG97, MB98, Shi03]. **go** [BWH⁺19, LWB⁺15]. **goes** [RY10]. **going** [McK11]. **good** [RY10]. **Google** [Cox12, Joo06, DC15]. **Goto** [Abr80]. **GPGPU** [CPM⁺18, KLY20, MMG⁺18, TY14]. **GPOS** [JK17]. **GPU** [CMGI⁺23, DS09b, GMK17, HSN17a, HSN17b, IPRS21, KLY20, KSVR23, LYGG20, MZD⁺18, MTFK19, MNS⁺14, MGL⁺17, NRdA⁺20, NMS⁺14, PGP19, PS19b, RSC⁺15, RS16, SCSL12, SM23b, SIRP17, SPAK18, SKYK16, TTH⁺19, XML⁺18, YLWH14, YCL⁺18, YML⁺18, YLT⁺23, YSS⁺17, ZZG⁺23]. **GPU-Accelerated** [MTFK19, SCSL12, SPAK18]. **GPU-assisted** [GMK17]. **GPU-Job** [PS19b]. **GPUDirect** [YWCF15]. **GPUs** [LLS⁺12]. **GPUvm** [SKYK16]. **gQoS** [LYGG20]. **GRACE** [M⁺06]. **gradient** [MM92]. **Gradual** [RSF⁺15, RAT17]. **grain** [WJGA12]. **Grained** [BSSS14, CHW12, CDD13, HSK17, RB17, YSS⁺17, JCZZ13, KWZ⁺19, PG11, YTS14, YSM⁺21]. **grammar** [FS89]. **Grande** [ACM01b, DHPW01, GPW03]. **Grande/ISCOPE** [ACM01b]. **Granularity** [PXG⁺17, RRB19, LLS14, YGLY21]. **Graph** [CFM17, CRG16, LKY⁺17, QBL⁺23, Syr07, YTS14]. **graph-based** [CRG16]. **graphic** [Wal76]. **graphic-simulator** [Ber86]. **graphical** [Bur02]. **Graphics** [Ano03b, JXL⁺12, PGP19, VLZL16, XML⁺18, ME87, Sus76]. **Graphs** [Lee16, Bod88, PULO16]. **gray** [WSVY09]. **gray-box** [WSVY09]. **Greedy** [NMG15]. **Green** [KL14, MZ20, LLW⁺12, LJL12, WZV⁺13, XA22, YLHJ14]. **Green-Energy-Aware** [KL14]. **Greene** [War11]. **Greener** [BH13]. **Grenoble** [ACM05b, JPTE94]. **Grid** [ACM05b, CCMY07, IEE04, MFT⁺19, SEF⁺06, TLC06, ZZFO6, vLSM01, Rob06, SJW⁺13, SGV12, ZBP05, AKK⁺07, CCO⁺05, KGZ⁺04, LP14, WKT08, ZBP07]. **Grid-Based** [vLSM01]. **GridGIS** [M⁺06]. **Grids** [GPM21, CCWY05, MPA⁺18, GTN⁺06]. **Group** [Boa90, Sof83, YLN⁺17, CKP78, KKK⁺18, ZLH⁺15]. **Grouping** [AAR22]. **growth** [LDL14]. **GSX** [Zim05]. **GTP** [M⁺06]. **Guarantee** [LZ15, CMG⁺19, MDZ⁺21]. **Guaranteed** [LWZ⁺18, ZWL⁺18, KB21]. **Guaranteeing** [LZW⁺15, YWR⁺14, ZRS⁺16]. **guarantees** [MSG01, ZHCB15]. **Guest** [CCML12, NOT⁺17, ABG14, FL13b, JXZ⁺10, LD11, MSZ09, XHCL15, FDF05, KS08b]. **Guest-Assisted** [CCML12]. **guest-OS** [FL13b]. **guest-transparent** [JXZ⁺10]. **guests** [JK17]. **GUI** [PW03]. **guidance** [JSK⁺13]. **Guide** [Ame13, BBD⁺91, Bas04, Bas06, Chi08, Gal09a, IBM72, IBM73, IBM76a, Oak14, OH05, IBM88, Int88, IBM94, KSS09, KS10, MDD⁺08, MIS⁺05, RR09, TC10, War02, Wes98]. **guided** [HLW⁺13, SSH17]. **Guiltiness** [PJZ⁺19]. **GVirtuS** [MGL⁺17]. **gVMP** [SM23b]. **GWO** [Par25].

H [JAS⁺15, Wel02]. **H-SVM** [JAS⁺15]. **HA-VMSI** [ZTWM17]. **Hack** [WMUW19]. **hacking** [Spi06]. **Hadoop** [GLBJ18, ZRD⁺15]. **Handbook** [Bod10, Fis09, NSHW10, War05, Joo09]. **Handbuch** [Joo06, WF03, Bod10, Fis09, Joo09]. **handler** [Sal92]. **handles** [Ven97b, Ven97c]. **Handling** [AMB⁺17, SB16, SMA18, CGC⁺24]. **Hands** [Kol19, MDD⁺08]. **Hands-on** [Kol19, MDD⁺08]. **Harbour** [MR91]. **Hard** [JYM⁺23, LTK17]. **Hardness** [RS20]. **Hardware** [AE01, CWS12, Cla97, Gol71a, HHV⁺02, HWF07, Hsu01, JAD19, JSHM15, JAS⁺15, KAJW93, KLK⁺22, LH16, LZW⁺17, Mac79, NSL⁺06, OT97, PvDS08, RTL⁺18, SLW⁺24, SYB12, SWF16, WCS06, YVCB17, YVCB18, ZTWM17, vD06, AA06, AJH12, AEB19, DJP⁺24, BHDS09, CBGM12, CP17b, FP14, HH13, HP77, KW13, KJM⁺07, Oi05, Oi06, Oi08, Olb78, PGLG12, PBB13, RPE12, SE12, TO96, WZW⁺11, XZ11, YJZY12, ZDK⁺19]. **Hardware-Accelerated** [SWF16]. **Hardware-Assisted** [JSHM15, JAS⁺15, RTL⁺18, AJH12]. **Hardware-Based** [PvDS08, KLK⁺22, KJM⁺07]. **hardware-bound** [DJP⁺24]. **hardware-translation** [Oi06, Oi08]. **Hardware/Software** [KAJW93, LH16, HH13, HP77, WZW⁺11]. **Harmful** [NMHS15, WC01]. **Harmony** [PPS⁺18]. **HARNESS** [BDF⁺99, GKSP99, MDGS98]. **harnessing** [GLV⁺10]. **hash** [SV15]. **hash-array** [SV15]. **Hawaii** [MS91b, Shr89]. **HBench** [ZS01]. **header** [VED07]. **Healing** [BHI15, GK05]. **Health** [ZL16, ZL18b]. **Healthcare** [AAR22, KS20a]. **Healthcare-Cloud** [AAR22]. **heap** [CSV15, CH08, LDL14, LLS⁺08, PNM⁺20, TLX17, WSAJ13]. **Heavy** [HS19]. **hedging** [RY10]. **Helix** [Ano03a]. **help** [Car14, Men03]. **HEP** [Dun86]. **herd** [BB20, KS18a]. **Hermes** [ZLG⁺20]. **hesitant** [FA21]. **Heterogeneity** [GLS15, KR16, XLJ16, AMB⁺17, WCS09]. **Heterogeneous** [GKSP99, HSK17, HHS18, HWCH16, KGGS17, KGGS18, LMM18, LWW16, LLZ18, OVI⁺12, PDY⁺23, RG17, YLH17, ZSP⁺21, ZHH⁺24, ZAI⁺16, ZB20, Bac11, CDM⁺10, CKRJ17, DCMW17, GTGB14, GCARPC⁺01, KHL17, KKB14, KSS⁺18, LZW⁺15, NRS92, PMC05, RAP19, SWH⁺13, SWC08, ZLLL13]. **HeteroOS** [KGGS17, KGGS18]. **HeteroVisor** [GLS15]. **Heuristic** [BL17, LWW16, XH90, CD14, HAK22, KMT14, SM23b, TSR19]. **Heuristics** [ARMMA18, ATS16, BB12, KR16, Man15b, SBNU18]. **HI** [Shr89]. **HICAMP** [CFS⁺12]. **hidden** [CWdO⁺06, WQG15]. **Hiding** [CLS07]. **Hierarchical** [ABB19a, DM75, Kee68, SCA⁺24, HPS23, SPAK18, YWF09]. **Hierarchies** [TBS17]. **Hierarchy** [SBK15]. **High** [ACM98, ACM04b, AMA18, Bad82, BPP⁺17, BCW20, CW03, DMS02, DYL⁺12, Han16, Hog02, IEE96b, IEE06a, IBBA20, KCWH14, KBK⁺21, KKTm17, KMM13, KKS⁺19, LCK11, LMG01, LRP⁺19, LJZ12, LHAP06, MLG⁺02, RCM⁺12, RB01, SD01, SCSL12, SV13, SYC14, URJ18, Vog03, WQG15, WCC16b, YWCF15, ZLSI17, dGG⁺17, AAF⁺09, Ano96, BML⁺13, DQR⁺13, EMS15, FF96, Fu10, G⁺01, GTN⁺06, GGJ⁺92, GBCW00, HKJ19, LBZ⁺11, LLE17, LM99, LMG00, LDL⁺08, ML78, MUKX06, M⁺06, MRC⁺13, MMG⁺18, RQD⁺17, SB10,

SPF⁺⁰⁷, SPAK18, TZY⁺²⁵, WXW15, WWH⁺¹⁷, XJW⁺¹⁸, ZYZ⁺¹⁸].
High-Assurance [LJZ12]. **high-availability** [Fu10, LDL⁺⁰⁸].
high-bandwidth [WXW15]. **High-Endurance** [AMA18]. **High-Fidelity**
 [KKT17]. **High-Level** [DMS02, RB01]. **High-Performance**
 [ACM98, IEE06a, IBBA20, KCWH14, LMG01, SD01, SCSL12, URJ18,
 WCC16b, dGG⁺¹⁷, Han16, Hog02, KBK⁺²¹, SYC14, HKJ19, LLE17, LM99,
 LMG00, MUKX06, SPF⁺⁰⁷, SPAK18, TZY⁺²⁵, WWH⁺¹⁷, ZYZ⁺¹⁸].
high-performing [GBCW00]. **High-Speed** [KKS⁺¹⁹, LRP⁺¹⁹].
High-Throughput [BCW20]. **Higher** [BW03, MKM⁺⁰⁸].
higher-assurance [MKM⁺⁰⁸]. **Highly**
 [KD78, YYY⁺²³, ZFL15, CARB10, CGM17, GI12, GVI13, TGCF08]. **Hilton**
 [IEE90b]. **HipHop** [AEM⁺¹⁴]. **histograms** [CL14]. **History**
 [Ran20, SKJ⁺¹⁷]. **History-Based** [SKJ⁺¹⁷]. **HITAC** [KAH83]. **Hitless**
 [ZWZ20]. **HIVE** [Tay76]. **HLA** [LCT⁺¹⁵]. **HLA-Based** [LCT⁺¹⁵]. **hold**
 [Yur02]. **Holders** [War11]. **hole** [EB20]. **Holistic** [LGJ⁺¹⁸]. **Home**
 [DW14, See08b]. **hones** [Won97]. **Honeypot** [YYY⁺²³]. **Honeypot-Based**
 [YYY⁺²³]. **honeypots** [ALL06]. **Hood** [Ven96, Ven97b, Ven97c, Ven97d].
hooks [AKCP21]. **Hop** [WBHN18]. **Hopping** [DL19b]. **horizontal** [AH24].
Horus [LSX⁺²⁴]. **Hose** [YLH17]. **Host**
 [CLW⁺¹⁴, NASD21, QNC07, HM20, LMJ07, TB14, TMV25, LSX⁺²⁴].
Host-Based [CLW⁺¹⁴, NASD21, LMJ07, TMV25]. **Hosted**
 [SVL01, CBLFD12, CKT08, DS09b, SYZZ⁺¹⁴]. **hosting** [RQD⁺¹⁷, YMY17].
Hosts [BB13, Bau06c, CLL⁺¹³, TtLcC13]. **Hot**
 [IEE96a, IEE97, IEE99, IEE01, BBTk⁺¹⁷]. **Hotel** [USE01a]. **HotOS**
 [IEE01]. **HotOS-VIII** [IEE01]. **Hotplug** [LJL⁺¹⁵]. **HotSpot**
 [Sch13a, IRB19, Arm98, BOF17, HHV⁺⁰², WKJ20]. **HotSpotTM** [RB01].
Houston [ACM06d]. **HP** [BKMM87, MSCK92]. **HPC**
 [M⁺⁰⁶, GPS⁺¹⁸, HCJ07, JQWG15, PNT12, PCB⁺¹⁸, Spa19]. **HPC-GTP**
 [M⁺⁰⁶]. **HPC.NET** [Vog03]. **HPCC** [DF96]. **HPCS'06** [IEE06a]. **HPVM**
 [KSS⁺¹⁸]. **HSM** [HYK⁺²³]. **HSPT** [WLW⁺¹⁵]. **HSSM** [Wel02]. **Huge**
 [Got07, KYP⁺¹⁷]. **HVM** [LTK17]. **HVMs** [CBZ⁺¹⁶]. **HW** [DCG12, Wu13].
HW/SW [DCG12, Wu13]. **Hybrid**
 [GSW⁺¹⁷, HD16, HAK22, KCWH14, LSC⁺¹⁷, LGS⁺²³, PST^{+15a}, RSNK17,
 VVC⁺¹⁷, WGLL13, FX06, GHK24, KN18, KSS⁺²⁰, KSS⁺²³, KS18a,
 LQW⁺¹², RJK⁺¹⁷, STMV18, YB24, YWGH13, ZGW⁺⁰⁶, Gua14].
Hybrid-Copy [LSC⁺¹⁷]. **Hydrakon** [PC24]. **Hyper**
 [Gal09b, Lar09, LC09a, TZB19, 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]. **HyperBench** [WZT19].
Hypercubes [HO92]. **HyperMAMBO** [dGG⁺¹⁷]. **HyperMAMBO-X64**
 [dGG⁺¹⁷]. **HyperMonitor** [XZ11]. **HyperSafe** [WJ10]. **hypertext** [Alf91].
hyperthreading [BKR20]. **Hypervisor**
 [BAL15, CL16a, Chi08, HWCH16, JZY⁺²², JSHM15, JAS⁺¹⁵, KYP⁺¹⁷,

LKL⁺19, NASD21, NOT⁺17, PPG⁺17, SJV⁺05, SKYK16, WJ10, WHD⁺16, XD16, XD17, YJZ⁺21, You73, ABG14, ASB18, BBD⁺10, CLM⁺22, CDO24, DN14, MSZ09, NS17, RSLAGCLB16, Ste14, SL12, KSS09, KS10].

Hypervisor-as-a-Service [WHD⁺16]. **Hypervisor-Based** [BAL15, LKL⁺19]. **hypervisor-secure** [SL12]. **Hypervisors** [Rev11, SPF⁺07]. **hypervolume** [EB20]. **HYVI** [Gua14].

I-Caching [MM93]. **I-IoT** [BSL⁺18]. **i.e** [MC93, Müh75]. **I/O** [RM03, AJM⁺06, AMA18, ASMA21, AD11, ABG14, ABB⁺15, BMS16, BPM⁺22, BHEP14, CWH⁺16, CDD13, CRZH15, DCP⁺12, DS09b, GCL⁺21, GAH⁺12, HA79, HB12, JAD19, KS08a, KBDK22, KMN⁺16, LLE17, LMR18, LHAP06, LFHS23, NsP16, PST⁺15a, RB24, Rus08, SBQZ14, SYC14, SVL01, THH⁺14, TtLcC13, VW08, WR12, WYZY24, WTL⁺16, XNH21, YJZ⁺21, ZWFX17, ZSR⁺05, ZXL⁺24]. **I/O-intensive** [BPM⁺22]. **I/Os** [OBSR16]. **IA** [Ano14b, De 06, Don06]. **IA-32** [Ano14b]. **IA-64** [De 06, Don06]. **IaaS** [FFM⁺23, GLLJ16, GA18, HKM⁺18b, KDB16, PPO14, RB17, SBBP20, XCSM18, ZLHD15, ZHW⁺17]. **IAS** [FS11]. **IAS/von** [FS11]. **IASSim** [FS11]. **IASTED** [Ano99b]. **iAware** [XLL⁺14]. **IBBE** [SXH⁺19]. **IBM** [ADG⁺92, A⁺04, ABDD⁺91, ABB⁺15, Ber86, B⁺05, Bri98, D⁺04, GBO87, G⁺06, G⁺05, Kam75, MIS⁺05, Mly09, Olb78, 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]. **Ideal** [Ran20]. **identification** [BZD17, HLW⁺23, PMP23]. **Identifying** [CL17a, MD12]. **Identity** [SXH⁺19]. **Identity-based** [SXH⁺19]. **Idiom** [KKM⁺13]. **Idle** [DEE⁺16, SBK15, HKJ19]. **IEC** [Int05a, Int05b, Int06b, Int06c, Int06a]. **IEEE** [ACM04b, ACM05c, ACM06a, IEE90a, IEE91, IEE02, IEE03, IEE04]. **IEEE/ACM** [ACM04b, IEE04]. **Igniting** [ACM03a]. **II** [Cre08a, TSR19]. **IIoT** [TDMP23]. **IJCAI** [MR91]. **IJCAI-91** [MR91]. **ILDJIT** [CARB10]. **Illinois** [ACM05d]. **illuminating** [BK14]. **im** [KGG00, Mar08, Zim05]. **IMA** [XHCL15]. **Image** [AD11, CWH⁺16, ETAB22, EF94, HKM⁺18a, LZY⁺24, NSJ12, ZCL⁺21, IM93, KMG⁺18, SBBP20, XZZ⁺16, XWX⁺17, ZXW16, ZFY18]. **Image-Content-Aware** [CWH⁺16]. **Images** [Li14, WWL⁺17b, ZTA⁺21, BNS18, GKP⁺19, Isl19, XJWW15, XJR⁺17, ZMD⁺21]. **iMeter** [YZLQ14]. **iMIG** [LZL⁺15]. **immutable** [SV15]. **Impact** [KKS⁺19, LSSC22, Ros06, WKJ20, WZKP19, BT15, WKJ17]. **impacts** [HH19, KWZ⁺19]. **Impasse** [APST05]. **Imperative** [LFBB94]. **implement** [Sig89]. **Implementation** [fLtNW14, BBD⁺91, DAH⁺12, DJ77, DLS⁺01, Hal79, JR02, JJ02, KR94, LXQ24, Mar73, MD12, MNN05, MN91, NsP16, Rev11, RNS⁺23, SGS92, SIR⁺17, SCD90, SB73, Sur01, TVO92, TO96, TFtLcC15, UOKT84, WLW⁺15, War80, YLWH14, YCL⁺19, YW20, ZSXZ07, ZL18b, AFT01, ANH00, BKR20, Blu02, BT15, CKP78, DN14, DJ76, DCA04,

IT86, JNR12, Lav10, Man18, MJ93, PNM⁺20, Sch09, SJW⁺13, SGGB99, SGGB00, SJL20, Taf11, WW77, XCJ⁺14, Lee86]. **Implementations** [AP22, HLP⁺16, SVB93, VV18, AEMWC⁺12, CSS⁺16, CGC⁺24]. **Implementierung** [Mar08]. **Implementing** [CTS⁺93, D⁺04, FR24, LFBB94, Tai98]. **Implications** [RM03, DLLN18, GTN⁺06, MT16, MT17, ZTA⁺21, DLL⁺16, Pat12, RVJ⁺01]. **Important** [SC18, CK06b]. **Improve** [GKXK13, GKBB15, KDB16, SAT09, YWGH13, YQZ14]. **Improved** [BRS⁺22, War80, BTLNBF⁺15b, KS20a, KU24, NGN24]. **improvement** [YLH14]. **Improving** [AWR05, BHEP14, BCG73b, CFG⁺13, CFRSSR19, HXZ⁺16, HLW⁺13, IPRS21, JKB15, KL13, LCT⁺15, LBL16, LLWM23, LQD⁺18, OSK15, QXH18, RSC⁺15, RSLAGCLB16, SP83, TCP⁺17, WKJ15, WHSE15, XNH21, AA24, BMF23, GVI13, HC12, JYW⁺13, LC14, OL13, UTO13]. **IMSA** [Ano99b]. **in-depth** [CBFH20]. **in-kernel** [Uhl07]. **In-Memory** [TF16]. **in-situ** [CKRJ17]. **In-VM** [LWLL10]. **in-VM-assisted** [PDM20]. **Inapproximability** [RS20]. **Incentive** [XLWZ18]. **Incentive-aware** [XLWZ18]. **included** [Ano97a]. **including** [B⁺07, CGW07, WG07]. **Incorporating** [GH91b]. **Increasing** [LWLL10]. **Incremental** [LXZ⁺21]. **Independent** [DHPW01, DS09a, KAH83, USE93, GPW03, PW03, PFH⁺16]. **Index** [Cox12]. **indexed** [JYW⁺13]. **Indicators** [PC24]. **Indirect** [tTR82, CEG07, EG03, JYW⁺13, KJM⁺07]. **individual** [LWLL16]. **induced** [ZLZ⁺19a]. **Industrial** [AAMBE21, LXQ24, QCM⁺24, PTD⁺18]. **Industry** [SXH⁺19]. **Inference** [ZXG⁺24]. **Inferno** [WP97]. **Inferring** [LHW⁺20]. **InfiniBand** [PRS16, RS16, YCL⁺18]. **influence** [Mly09]. **influencing** [BJ20]. **Information** [CAF⁺91, IEE93a, Int05a, Int05b, Int06b, Int06c, Int06a, SS75, SS05, Ano93, BSD19, LC09a, MD73, MD74, RRB17]. **Informed** [HKKW13]. **Infragistics** [Ano03b]. **Infrastructure** [ECM01, ECM02, ECM05, ECM06, GMGF24, HW12, Int05a, Int05b, Int06b, Int06c, Int06a, LPSS19, MK13, McC08, MJW⁺06, Nel04, NKK⁺06, NSC⁺22, OG16, Ott18, PP16, XH16, AO16, AMA⁺14, AA18, BDS⁺09, Car14, FF22, Hal09, HS13, HH13, Hui18, J⁺05, KN18, KSRL10, KR16, LLY⁺18, Low08, dOL12, YW20, MR04, PW03, RSF03, Fro13]. **Infrastructures** [MVMHL24, WTM18, ZB20, ACG18, CSMB15, FPGK18, LPBB⁺18, MPM⁺20]. **Ingens** [KYP⁺17]. **inherently** [TDG⁺18]. **injection** [CP17b]. **InkTag** [HKD⁺13]. **Innovation** [ACM03a]. **innovations** [ABB⁺15]. **Input** [ACL72, Wal76]. **Input-Output** [ACL72]. **insider** [LC09a]. **Insiderinformationen** [LC09a]. **insiders** [KSS09, KS10]. **Insights** [Rev11]. **Inspection** [SKI⁺17]. **inspired** [KHA22]. **Installation** [Bec09, Bor01, KGG00, Lar09, WF03, Zim05, Zim06, MIS⁺05]. **Instance** [AMIA19, EMAL17, KCKC15]. **Instances** [WUNK17, ZG13]. **Instant** [HPP15, Joo06]. **Instruction** [Oi06, HW15]. **instructional** [DSSP06, DTW07, WO75]. **Instructions** [Qia99]. **Instrumentation** [ZFL15, BZA12]. **Instrumenting** [MZG14]. **Instruments** [BPB86]. **Integer**

[Bos24, YTY00]. **integer-reference** [YTY00]. **Integrated**
 [BDF19, QLL⁺21, SP22, ZXG⁺24, vCPWvT11, CWG00, HKJ19, YZLQ14].
Integrating [JMSLM92, LTT92, LCL14, OBSR16]. **Integration**
 [GMP89, VGF16, Ame13]. **integrierten** [Deu08]. **Integrity**
 [CW03, DL19a, DM75, (Fo71, (Fo78, QT06, WJ10, CS76, JXZ⁺10, KBC21,
 LXRS19, XHCL15)]. **Intel**
 [AJM⁺06, COV⁺24, CMP⁺07, DLM⁺06, Don06, KBC21, NSL⁺06, NKK⁺06,
 NBB⁺19, RSW⁺06, RI00, UNR⁺05, Uhl06, vSMK⁺20]. **Intelligence**
 [MR91, AA24, JNR12, MPA⁺18]. **Intelligent**
 [GH91b, MVMHL24, PF23, FGZC23, HTAY21, JYOB18, PTD⁺18, SPSL25].
intelligente [PO09]. **IntelliJ** [Ano03a]. **Intensive**
 [WZH⁺16, BPM⁺22, GKJ⁺19, IKU15, JFZL17, dCJR16, KBDK22, LFHQ19,
 QXH18, SZKY21, VVB13]. **Inter** [cCWS14, GGM⁺16, RLZ⁺16, BML⁺13,
 CBZ⁺16, SWcCM12, SBP⁺17, SWL⁺23, VOS12]. **Inter-Application**
 [cCWS14, SWcCM12]. **inter-cloud** [SBP⁺17]. **inter-connectivity** [VOS12].
Inter-Domain [GGM⁺16, BML⁺13, SWL⁺23]. **Inter-Virtual-Machine**
 [RLZ⁺16]. **inter-VM** [CBZ⁺16]. **interact** [EGD03]. **Interacting** [SK13a].
Interactions [cCWS14, SWcCM12]. **Interactive**
 [Hir17, LD05, MLA83, SSG90, WLS⁺18, YYY⁺23, Ber86, HMS04, KKJL14].
Interconnect [RCM⁺12, SKJ⁺17]. **interdependencies** [LBF12]. **Interface**
 [Cro93, SH04, Sun95a, Guz01, HP77, VL00]. **Interfaces**
 [CLKEF21, Mac79, PST⁺15a, WML02]. **Interfacing** [MC93]. **Interference**
 [LXW⁺23, NBH08, WYZY24, XLL⁺14, XLJ16, ZRD⁺15, ZLZ21a, HL13,
 gKEY13, LFHS23, SS13, VVB13]. **Interference-Aware**
 [XLL⁺14, XLJ16, ZLZ21a]. **Interferences** [ZRZY15]. **InterLISP** [II79].
intermediate [GLV99]. **internal** [SI81]. **internals** [MKM⁺08].
International [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f,
 Ano99b, BW03, IEE84b, IEE85, IEE93a, IEE96b, IEE02, IEE03, IEE04,
 IEE06b, IEE06a, LCK11, MS91b, MR91, Ost94, SS05, Shr89, Tho93, TLC06,
 ACM06c, JPTE94, M⁺06, HHK94]. **Internet** [Ano99b, CK06b, KGG00,
 ASL⁺20, AAMBE21, APST05, Ano03a, CHCC07, CK06b, CK06e, FR24,
 KB21, LLW98, Mon97, PTD⁺18, SXH⁺19, SDM21, WSX⁺19, Wid01].
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Internetprogramme [CK06b]. **Internetprogrammen**
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Interoperability [GSS⁺18, CPM⁺18, Men03]. **Interoperable**
 [TDMP23, KKB14]. **interposed** [ZSR⁺05]. **Interpretation** [FTNY69].
Interpreter [MSI18, SMK02, Ber86, KMMV14]. **interpreter/graphic**
 [Ber86]. **interpreter/graphic-simulator** [Ber86]. **Interpreters**
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Interpreting [Han05]. **Interpretive** [AS76, OJG91].
interpretive-execution [OJG91]. **Interrupt** [CL16a, TFtLcC15, AA18].
interrupts [AGH⁺16]. **interval** [AHRR22a]. **interval-based** [AHRR22a].
Intranet [Ano03a]. **Intrinsics** [PSBG11a, PSBG11b]. **introduce** [MS01].

Introducing [BG74]. **Introduction** [A⁺04, BG73b, CK06a, CK06b, CK06e, FDF05, IBM76b, KS08b, Sch94b, Sch94a, Boe15, Wün13]. **introductory** [BR01, Don88]. **Introspection** [CCML12, CLcC13, DGLZ⁺11, FL13a, NBH08, Pfo13, SIdLB15, WWMG06, DSR23, FL13b, HN08, HL24, HcC14, TZY⁺25]. **Introspection-based** [CLcC13]. **Intrusion** [HTAY21, AMA⁺11, LMJ07, MA17]. **intrusions** [JKDC05]. **intrusive** [ZXY⁺15]. **Invariants** [PEC⁺14]. **Investigation** [EVCL21]. **invited** [Piz17]. **invocation** [Ven97c]. **Invocations** [WZKP19]. **IoE** [SCC⁺23]. **IOMMU** [YWCF15]. **IoT** [AHKC23, ABB⁺19b, AMB⁺17, BSL⁺18, BLMP22, Bos24, HCB18, KS20a, LXQ24, MKZ⁺25, MPA⁺18, MA19, NBS18, PFPJ18, RC18, RNS⁺23, SJL20, TV18, XLL⁺20, XZL⁺20, ZYZ⁺18]. **IoT-Enabled** [MKZ⁺25, KS20a]. **IOV** [DYL⁺12, DCP⁺12, HB12, XD16, XD17, YWCF15, ZXL⁺24]. **IP** [AM16, CF00, HWHW18, NTR18]. **IPv6** [GLQ⁺13, SAR24]. **IPv6-Based** [SAR24]. **Iron** [Ano05]. **IronGrid** [Ano03b]. **irregular** [AC16]. **ISA** [CWH⁺14, DZ02, KNHH18, WLW⁺15, WCC16b]. **Ischia** [ACM06e]. **ISCOPE** [ACM01b]. **ISDF** [M⁺06]. **ISDN** [KGG00]. **iShare** [WTL⁺16]. **ISO** [Int05a, Int05b, Int06b, Int06c, Int06a]. **ISO/IEC** [Int05a, Int05b, Int06b, Int06c, Int06a]. **Isolated** [Jen79, ZD18, KKK⁺18]. **Isolation** [GGK18, HWR⁺24, KA24, WZL15, ZZW⁺21, ZTWM17, CDO24, Cza00, GNDB16, JK17, MD73, MK19, MK23, WTL⁺16, YJZ⁺21]. **isolation-enhanced** [MK23]. **ISPA** [M⁺06]. **ISPAN** [HHK94]. **ISPs** [PST15b]. **ISSTA** [Ost94]. **Issue** [KM13b, TZB19, WYZAD20, Yur02]. **Issues** [AFG⁺17, AD11, Car23, KS08a, KK19, MZ20, PZH13, SABL20, SEF⁺06, Tur84, XKKL23, ARA20b, ARA20a, AGH⁺15a, AEB19, BB08, CBFH20, PBB13]. **Italy** [BW03, M⁺06, ACM06e]. **Itanium** [Ano06a]. **Itanium-based** [Ano06a]. **Items** [BB17]. **iterators** [ZLBF14]. **IV** [Int06c]. **IVME** [Ert03]. **IX** [BPP⁺17, IEE97].

J [AC98]. **J2EE** [JDJ⁺06]. **J9** [WKJ15]. **Jahrestagung** [Müh75]. **Jail** [McK04, Sar01]. **Jailed** [Wid01]. **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, AT16, Ano97b, Ano97c, Ano97d, Ano03b, AFT01, ABC⁺07, AC98, ANH00, BDF⁺98, BHDS09, BD01, BP01, BP03, Bri98, BZD17, Caa00, CW03, CT03, CGC⁺24, CH08, Cla97, Coh97, CDG97, Cra98, Cza00, Dalxx, Dal97, DHPW01, DD20, DEK⁺03, DS09a, DBC⁺00, DCA04, DLS⁺01, EGD03, Eng99, EL98, Eug06, FFB⁺00, Fra98, FK03, G⁺01, GGG03, GCARPC⁺01, GC00, 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, LTK17, MSG01, MO98, Men03, MD97, MDxx, MLG⁺02, MB98, Mon97, MP01, NG13, OT97]. **Java** [Oak14, Oi05, Oi06, Oi08, PTHH14, PNM⁺20, PRB07, PV06, Qia99, RVJ⁺01, RHR02,

Ran02, R⁺13, Req03, RRB19, SMK02, SSB⁺14a, SD01, SE12, SH04, Sch13a, SSMGD10, Set13, SMSB11, SSB03, Shi03, SM01, SGV12, SEPV19, Siv04, Smi97, SSB01, SSB14b, 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, Wak99, WH99, Wes98, Wol99, Won97, WWMG06, WZL⁺18, YC98a, YC98b, YME05, YKM17, Yel99, YTY00, ZP14, ZS01, vLSM01, Ano97a].

Java-based [Ano96, FF96, HOKO14, KS13, YC98b]. **Java/CORBA** [GCARPC⁺01]. **JavaCard** [BDJdS02]. **JavaScript** [AHK⁺15, CBLFD12, VP16]. **JavaScriptCore** [Piz17]. **JavaTM** [LMG01, SMES01, CF00, RB01, vD00]. **Javy** [GGG03]. **JCloudScale** [ZLHD15]. **JDMM** [ZP14]. **Jenga** [TBS17]. **JET** [MLG⁺02]. **JetBrains** [Ano03a]. **jetzt** [KGG00]. **Jikes** [AAB⁺05a]. **Jini** [JJ02]. **JiST** [BHvR05]. **JIT** [JK13, PFH⁺16, THL03, WKJ17]. **JIT-based** [PFH⁺16]. **JIT-compiler** [THL03]. **JITs** [KRCH14]. **JN** [Mon97]. **JnJVM** [TGCF08]. **Job** [MNT14, PS19b, HKJ19, PC21, RAP19]. **jobs** [KS18b]. **jockey** [Hin97]. **John** [IEE06a]. **Joint** [CTP⁺17, EGG⁺24, FXHY21, KA25, MSLY24, MAK18, NTH⁺17, RJK⁺17, SJ21, WZV⁺13, YXL⁺20, ATZP21, LKR⁺19, SBNU18, SM23b]. **Jointly** [LWL16, XHW⁺19]. **Jon** [Ano97a]. **Jose** [Ano04b]. **journaling** [HC12]. **JP2** [SSB⁺14a]. **JPDA** [Sun99]. **JPF** [BA19, BA23, WKG17]. **JPR** [WKG17]. **jRapture** [SCFP00]. **JS** [AHK⁺15]. **judgment** [CSV15]. **July** [IEE06b, Sof83]. **Jump** [WBHN18]. **June** [ACM90, ACM01a, ACM01b, ACM05d, ACM06f, IEE85, USE85, USE86, USE01a, USE06]. **JVM** [Ano00, Ano01a, Ano01b, USE01c, USE01d, USE02, AC16, CSS⁺16, DBC⁺00, Guy14, Kha19, R⁺13, RRB17, SSB⁺16, SYZZ⁺14, SV15, Sub08, Sub11, Ven99b, WKJ20, WKG17]. **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, HD16, JJ91, KZB⁺90, LSX⁺24, SM90, SYB12, TY14, WLMD16, DD20, LWM14, LY23, Uhl07, VMBM12, KM13a, KM13b]. **Kernel-based** [TY14, KM13a, KM13b]. **Kernelized** [WCC16b]. **kernels** [HPHS04, RMB02]. **Key** [LCMV17, TF16, DPW⁺09]. **Key-Value** [TF16]. **Kinder** [CK06q, CK06t, CK06r, CK06s]. **Kingdom** [Vra05]. **kit** [Car06, LC09b]. **knapsack** [EYGS19]. **knew** [RAT17]. **Knob** [WUK⁺18, BR01]. **Knoppix** [CK06d, CK06i, CK06m, CK06s, Deu08, CK06i]. **knot** [LBF12]. **Know** [NBB⁺19]. **Knowledge** [FG91, FS19, IT86, RAT17]. **knowledge-based** [FS19]. **Kochbuch** [PO09]. **kompletten** [Mar08]. **Kona** [Shr89]. **Konfiguration** [Bor01, Lar09, WF03, Zim06]. **konfigurieren** [RHM08]. **Konsolidierung** [See08a]. **Konzept** [Dal97]. **Konzepte** [Tho08]. **Konzeption** [Zim06]. **krill** [BB20, KS18a]. **KScalar** [MRL02]. **Kubernetes**

[BSNB20, Car23, ZB20]. **Kubernetes-Based** [ZB20]. **Kubuntu** [CK06e, CK06j, CK06n, CK06t, CK06e, CK06j]. **Kuck** [War11]. **Kundenserversystemen** [See08a]. **KVM** [Deu08, Hin08, CJK⁺12, DN14, GLC84, HWCH16, IYAK23, LZL⁺15]. **KVM-based** [HWCH16]. **KVM/370** [GLC84]. **KVM/ARM** [DN14]. **KylinX** [ZZW⁺21].

L [Lot91]. **lab** [AL05, HMS04]. **laboratories** [DTW07]. **Laboratory** [GPM21, Kim84, SVN⁺10]. **Labs** [See08b]. **lag** [ZMD⁺21]. **Lagrange** [SS22]. **Lagrangian** [GR15]. **Lagrangian-based** [GR15]. **Lake** [ACM03b]. **Lambda** [Wat86, Wat87]. **land** [Tsa14]. **Landing** [ACM03b]. **Language** [CDM⁺10, ECM01, ECM02, ECM05, ECM06, GSS⁺18, Hog08, Int05a, Int05b, Int06b, Int06c, Int06a, Kam83, Luc97, MR04, PW03, PFH⁺16, RSF03, SIR⁺17, SVB93, SUN97, WIDP12, WBHN18, Arv02, Ber86, BD01, BMER14, DH01, Don88, GLV99, Hog06, IT86, Juo07, KRCH14, Les74, MD12, MC93, PRB07, RJK16, RSW91, SKC73, SMO84, Taf11, Tai98, WCG14, WWH⁺17]. **Language-independent** [PFH⁺16]. **language-level** [WCG14]. **Language-Neutral** [WBHN18]. **Languages** [BS90, Dan86, GC00, KP99, LFBB94, PTHH14, SSG90, Tol98, YKM17, ACM99, BDT13, Jou85, ML78, MRG18, PMC05, PULO16, SSB⁺16, Sus76, TB14, Wel02, Wu13, YWF09]. **LARD** [WCG14]. **Large** [DK93, GKBB15, PHL⁺12, RIP18, RGSJ17, SADP21, SLM89, XDLS15, ZSXZ07, ZLW⁺14, ZTA⁺21, BLRC94, DK75, FPGK18, LPD⁺11, Nie12, Req03, STMV18, SZ13, SHTE11, WCG21, YZSC17]. **Large-Scale** [PHL⁺12, SLM89, XDLS15, ZLW⁺14, ZTA⁺21, SZ13, WCG21, YZSC17]. **last** [Rob12]. **Latency** [ASSB18, BPP⁺17, BL17, MV16, RZPX19, IMK⁺13, MMTM22, ZSW⁺06]. **latency-aware** [MMTM22]. **Later** [FS12]. **launch** [AMIA19]. **launch-time** [AMIA19]. **Layer** [SKT⁺19, ZXG⁺24, BTLNBF⁺15b, BTLNBF⁺15a, EBLM22, MA17, RSLAGCLB16, ZFY18]. **Layer-Wise** [ZXG⁺24]. **layered** [PSC⁺07]. **layering** [YWF09]. **LayerMover** [ZFY18]. **lazy** [Wak99]. **LCVP** [LLS⁺20]. **LDA*** [YZSC17]. **leadfoot** [HHPV15]. **Leaking** [vSMK⁺20]. **Lean** [WZL⁺23, SV15, Ven96]. **Learn** [BWH⁺19]. **Learn-as-you-go** [BWH⁺19]. **Learning** [Bos24, BRX13, Che21, DS18, FFM⁺23, GPM21, HTM⁺24, HPS22, JYOB18, KKE19, KSVR23, MSC⁺21, RNS⁺23, XRL⁺22, ZXR⁺22, AD18a, ABBJ23, BMF23, GH20, GHK24, GKT17, HBNK24, KRG⁺12, NNK21, Par25, QBL⁺23, RGAT18, RT18, WBW⁺19, WZZ⁺20]. **Learning-based** [DS18, ZXR⁺22, HBNK24, Par25]. **Learning-Driven** [XRL⁺22]. **legacy** [LU04]. **Legally** [Sam22]. **LegoSim** [RMB02]. **Length** [GR20]. **LEON** [PDL⁺23]. **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, URJ18, HMS04]. **Leuven** [ACM04a]. **Level**

[ASMA21, AC16, cCWS14, Chu06, DMS02, GCL⁺21, KHW⁺16, MMdE19, NTR18, RB01, SV13, ZSR⁺05, ZQCZ16, ZXL⁺24, AD18a, AL05, BSM⁺12, BSD19, BSOK⁺20, But94, CLM⁺22, Cia07, EGD03, FLCB10, IM75, JHE14, KA24, LZY⁺24, LZW⁺17, ML78, SVN⁺10, SWcCM12, SSG90, WHSE15, WF07, WCG14, ZLZ13]. **levels** [CCMY07]. **Leveraging** [LLF⁺18, LDL⁺08, Pfo13, RTL⁺18, WHD⁺09, ZL13, AJD09, RAT17, ZBG⁺05]. **Libraries** [DK93, Int05b, DSS19, Won97]. **Library** [Cro93, SJS⁺17, KS20b, PBWH⁺12]. **libvfiio** [RB24]. **libvfiio-user** [RB24]. **libvirt** [Ano14c]. **License** [HO22]. **Life** [ZR06]. **Lifetime** [BFM⁺21, WJ10]. **Light** [WWL⁺17a, HB08]. **Light-Weight** [WWL⁺17a, HB08]. **Lightweight** [ABV12, CXLX15, PLZ20, Ran02, VN06, WJ10, YME05, ZLW⁺19b, ZTWM17, vMAT14, AMA⁺11, CCL⁺17, DQR⁺13, DL19a, KSS24, PDM20, RQD⁺17, SSU⁺12, TMJ⁺21, TB14, XZ11]. **Like** [Abr80, RHV17, SSOT17, Voe86]. **LILA** [Dan86]. **Limbo** [Luc97]. **LimeVI** [WLG⁺11]. **limited** [CH08]. **Limits** [WBB⁺16, vKF13]. **line** [SV17]. **linguistic** [UR15]. **Link** [KLLT18, SAR24, CRB12, GGJ⁺92, JK15]. **Link-Failover** [SAR24]. **linked** [FC98]. **linking** [FC98]. **LINUX** [KGG00, Ano06a, CK06a, CK06b, CK06g, CK06f, CK06i, CK06h, CK06j, CK06o, CK06p, G⁺06, Mar08, USE00a, WF03, ABB19a, Bau05, Bau06c, BBHL08, Ble10, Bor01, CK06a, CK06b, Com00, Com03, DN14, Dav04, Fab13, G⁺06, GNDB16, MZG14, NSHW10, NV05, P⁺08, Ros14, Spr06, Spr07, VMBM12, Wün13]. **Linux-based** [ABB19a]. **Linux-Server** [Mar08]. **Linux/OSS** [Ble10]. **Liquid** [Li14, ZL18a]. **LISP** [ACM90, CK87]. **List** [TT96]. **List-based** [TT96]. **Listing** [LKL⁺19]. **Literature** [BDF19, DCM22, MBK24, ARA18, ARA20b, ARA20a, ZJRW19]. **LITL** [Lam75]. **little** [Men03, YYP01]. **Live** [AGC18, AY24, BWH⁺19, CCZ⁺06, Deu08, DK17, ECJ⁺16, HKN22, HTB22, JFPL16, JDW⁺14, KKL16, LSC⁺17, LZL⁺15, LJL⁺11, LH15, LZM⁺20, MZD⁺18, MB15, MK22, MSC⁺21, RJS⁺18, SHW⁺15, SKI⁺17, TUM18, XLL⁺14, XD16, XD17, ZRS⁺16, ZDLG17, ZXY⁺15, ZZW22, AA24, AS14, BAC15, BB08, DS20, EYG21, FGLI15, GJK⁺20, GNK24, HLW⁺10, HBNK24, HTB19, HDG09, IMBB20, JKK⁺13, JFZL17, JGW⁺11, JGSE13, LFHQ19, NK22, NIA18, PKS⁺19, PDC⁺12, SS22, SSL⁺13, SLA⁺16, SHTE11, TDG⁺06, WLG⁺11, WRSvdM11, WRS⁺15, YW20, ZLLL13, Isl19]. **Live-Distribution** [Deu08]. **live-migration** [JKK⁺13]. **Live-Streaming** [MSC⁺21]. **lively** [STFH15]. **Liveness** [ADM98, LDL14]. **LLC** [KKH14]. **LLVM** [LH13]. **Load** [ARAAA19, BFM⁺21, CJK⁺12, CL16a, DY17, KAZS14, KK19, LW12, LYS⁺18, SAR24, YWR⁺14, Bir94, DS18, GH20, KNHH18, RI25, TF16, XH90, XTB17, YWH⁺23]. **load-balanced** [DS18]. **Load-balancing** [KAZS14]. **Load-Sharing** [SAR24]. **Loading** [LB98, HSC15, WGF11]. **Loads** [LTE12, WCZ⁺23]. **Local** [ADM98, Oi08, PCR89, HJ10, KMT14, Oi05]. **Locality** [HSC15, SZ88]. **Localization** [YYL⁺15]. **Located** [LGJZ16, SOAK23]. **Location** [LLS⁺20, THB22, USE93, OG16]. **Location-Constrained** [LLS⁺20].

Location-Independent [USE93]. **Locator** [SIJPP11]. **lock** [YTS14, YQZ19]. **lock-aware** [YQZ19]. **Logic** [DMS02, FD08, GH91b, LSPP⁺23, UOKT84, Alf91, BY20, Bur02]. **Logic-Based** [FD08]. **Logical** [Com65, RT93, Lia05, TT93]. **Logically** [Jen79, KKK⁺18]. **Logics** [BW03]. **Logisim** [Bur02]. **logistics** [LZWC13]. **LogP** [CKP⁺93]. **Logs** [HPB⁺24]. **Long** [KKLV16, KGS16, SOKE23]. **Long-Distance** [KKLV16]. **long-running** [KGS16]. **Longest** [HWHW18]. **Look** [HMS17, SMP22]. **lookaside** [CFG⁺13]. **Looking** [LHW⁺20]. **Lookup** [HWHW18]. **Loris** [AvMT11]. **Loss** [XDLS15, CHCC07]. **Lösungen** [Tho08]. **LOTOS** [MS91a]. **Louis** [ACM97]. **Low** [BPP⁺17, KKD24, RZPX19, WCG14, ZHCB15, GE85, IMK⁺13, SJRS⁺13]. **low-cost** [SJRS⁺13]. **Low-Latency** [RZPX19, IMK⁺13]. **Low-level** [WCG14]. **Low-Overhead** [KKD24, ZHCB15]. **low-resolution** [GE85]. **LSTM** [CEPR22, EVCL21, KU24]. **LSTM-based** [CEPR22]. **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** [AGJS16, AS85a, ABCC66, AT24, AAAF21, AAR22, ABV12, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, fLtNW14, AE01, Apr09, Arc07, AAK18, AGIS94, BWP85, BFHW75, Bai70, Bak83, Bal91, BDF⁺99, BH73, BN75, BWD⁺15, Bos24, BFM⁺21, BJH⁺16, BG73a, BCG73b, BG74, CTS⁺93, CW03, CFH⁺79, CFH⁺80, Car13, CF00, CGC16, CRZH15, Cox09, CWL⁺15, CHPY17, CYX⁺17, Dalxx, Dal97, DHPW01, Dan86, DCM22, DF96, DGLZ⁺11, Dom80a, DL19b, DJ77, ETAB22, EG01, FZD⁺24, FG91, Fie68, Fis01, FPS⁺02, (Fo71, (Fo78, FFM⁺23, FL13a, GKSP99, Gei02, Gen86, Gol69, Gol71a, GLBJ18, HHV⁺02, HHW10, Hal79, HTW⁺19, Han73, HH79, HKM⁺18b, Hir17, Hor73, HKKW13, HPS22, IBM72, IBM73, IBM76b, Ibs84a, JHS12, JJK⁺11, JMSLM92, JQWG15, JN15, JADAD06a, KC16, KS08a, KKE19, KSS⁺20, KSS⁺23, KMK16]. **Machine** [KNT02, KF91, Ken80, KDB16, Kim84, KAH83, KGZ⁺04, KLF⁺15, LCWB⁺11, LMM18, Lau87, LW73, Law00, LW11, LSC⁺17, LLW98, LTE12, Li14, LVM16, LGJ⁺18, LTT92, LY97b, LYxxa, LYxxb, LYBB14, LWLL10, LJL⁺11, LLS⁺20, LPB17, LFBB94, Loy92, LXM⁺16, MSG14, Mac79, Mad69, MS91a, MK13, Man16, Mar73, MZ20, McC74, MS70, MD97, MDxx, MDGS98, MKKE12, MA21, MA24, II79, Mur69, NBH08, NBK16, NMG15, Nel04, NASD21, NLD⁺23, NSJ12, NL19, Olb78, PPTH72, PP73, PAC⁺22, PXG⁺17, Pfo13, PF23, PCC⁺16, PK75a, Pro00, Qia99, QT06, RNA⁺22, RG17, RLZ⁺16, Ren78, RK24, RI00, RSN⁺18, RT93, Ros99, RG05, RMP24, Ibs84b, SL14, San88, SGK⁺23, Sch94b, Sch94a, SSB03, SMA18, SCP93, SSG90, SHZ⁺14, SB73, SHB⁺03, SVL01, Sun95b, Sun95a, SUN97, JCV99, TT96, TMV12, TY14]. **Machine** [USE01c, USE01d, USE02, VTW16, Ven97a, VL00, WL96, WIDP12, Wak99, WH99, WDL⁺20, WB81, WZH⁺16, WWL⁺17a, Wel94,

WCSG05, WHD⁺⁰⁹, WP97, WLCS17, XWJX15, XLJ16, XLWX19, YWY⁺¹⁷,
 YLQL25, YP15, ZDK⁺²², ZLW⁺¹⁴, ZRS⁺¹⁶, ZL16, ZCG⁺¹⁷, ZL18b,
 ZLZ^{+19b}, ZCL⁺²¹, ZZFO6, ZWL⁺¹⁸, ZXR⁺²², ZHL16, ZZW22, ZJXL11,
 ZTWM17, Zyt94a, Zyt94b, dSdF16, AD18a, Abr82, AS85b, AD19, AGSS10,
 AJBJ23, AGH^{+15b}, AGH^{+15a}, AHRR22a, AHRR22b, AT23, ATZP21,
 AAB⁺⁰⁰, AA24, AC95, Ame13, Ano94, Ano96, Ano99a, AO16, AFT01,
 ABC⁺⁰⁷, Arm98, AWR05, Arv02, AP18, ANH00, AMA⁺¹¹, BB20, BDF⁺⁰³,
 BBTk⁺¹⁷, Beg12, BPC94, BMF23, BJ20, BCM90, BRS⁺²², Bir94, Blu02,
 BADM06, BFC02, BY20, Bri98, CARB10, CL14, CD14, Car14, CEG07,
 Cav93, CFVP12, CS76, CHCC07, CCL⁺²⁰, CLL⁺²³, CGC⁺²⁴, CBLFD12].
machine [CK06a, CK06e, Clo85, Cof99, CGV10, dCCDFdO15, CWG00,
 CD01, DSR23, DH01, DSC⁺⁰⁸, DP11, DM93, DBC⁺⁰⁰, DLH⁺²⁰, Don87,
 DHD20, DJ76, DXM⁺¹⁷, DS22, EYG21, EGKP02, EG03, FGZC23, FLL⁺¹³,
 FS19, FF22, FM90, FA21, FSFP19, FMIF18, Fit14, FF96, FLM⁺⁰⁸, FCG⁺⁰⁵,
 Fre05, FRM⁺²⁴, GGQ⁺¹³, GTGB14, GSG22, GH20, GHK24, GSKJ18,
 Gol74, GCARPC⁺⁰¹, GPW03, GR80, GBCW00, GLW23, GA18, HZL⁺¹⁸,
 HJ10, HKN22, HBNK24, HTB19, HL24, HUL06, HAK22, HK07, HcC14,
 HPHS04, HLBZ20, HSC15, Hui18, HPS23, IBM85, IBM88, Int88, IBM94,
 IBM96, IRB19, IKU15, JKK⁺¹³, JNR12, JC18, JGW⁺¹¹, JADAD06b, Kal97,
 KOY05, KBDK22, KB21, KS13, KS20a, KSO⁺¹⁵, KS18a, KZ21, KTB17,
 KK21, gKEY13, KCS14, KJLY15, KCKC15, KKC⁺¹⁶, KMG⁺¹⁸, KFF12,
 KHA22, KSS⁺¹⁸, Kou11, KCV11, KRG⁺¹²]. **machine**
 [Lam75, LBZ⁺¹¹, Les74, LC02, LM99, LZWD15, LBL16, LWLL16, LYYY18,
 LLWW18, LFHQ19, LXRS19, LLZ⁺¹⁹, LZLY20, Lia05, LL14, LPZ⁺²²,
 LWCZ22, LCL^{+23a}, LCL^{+23b}, LPBB⁺¹⁸, Lot91, LG93, LFHS23, LQD⁺¹⁸,
 LY23, MSG⁺¹², MR23, MD73, MD74, MSG01, MNB24, DPBK16, MS17,
 Man18, MNA16, MS00, McG72, MC93, McM11, MRG18, MN91, MST⁺⁰⁵,
 MW18, MHM19, EYGS19, MAK07, MJ93, NZH20, NGN24, NNK21, NK22,
 NOK⁺⁸⁵, NAR19, NIA18, OG16, Oi08, ORPS09, PEL11, Par25, PFPJ18,
 PCB⁺¹⁸, Piz17, Pon19, Pul91, PS23, RKT20, RHR20, Raj79, RWC21, RZ14,
 Req03, RK18, RFBLO01, RY10, RJK⁺¹⁷, RCTY19, SZKY21, SBI21,
 SBBP20, SHR19a, SHR19b, Sch13b, SSMGD10, SEM⁺²⁰, SHLJ13, SM23a,
 She91, SCEG08, SASG13, SSEA18, SL00, Sig89, SGGB99, SGGB00, SKC73,
 Smi97, SYMA17, SJL20, SMA⁺¹⁰, SBP⁺¹⁷, SSU⁺¹²]. **machine**
 [Str05, SP23, SPSL25, TSLBYF08, TZY⁺²⁵, TMLL14, TDD20, Tay76,
 tTR82, THG⁺¹⁸, TIIN09, TB14, TMV25, TT93, Tur84, Vag10, Van98,
 Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VVB13, VGL23, WGF11, WKT08,
 WRX11, WZV⁺¹³, WKJ15, WCY⁺¹⁷, WSX⁺¹⁹, Web10, WHW20, WLL⁺¹³,
 WW77, Won97, XHL⁺¹³, XCJ⁺¹⁴, XJWW15, XZZ⁺¹⁶, XLWZ18, XZK⁺²⁰,
 XXWG23, YME05, YZW⁺¹³, YLH14, YLHJ14, YPLZ17, YLCH17, YW20,
 YBZ⁺¹⁵, YYC⁺¹⁹, YWH⁺²³, YLK⁺¹⁰, Yel99, YSM⁺²¹, YC16, YIR24,
 YB24, YRJ18, YGN⁺⁰⁶, YQZ14, YQZ19, YTY00, ZG13, ZXW16, ZYZ⁺¹⁸,
 ZLZ15, ZLH⁺¹⁵, ZHHC17, ZFY18, ZWC⁺¹⁹, ZLZ^{+19a}, ZBP07, ZLW^{+19a},
 ZFL⁺²³, ZLL⁺¹⁶, ZL13, ZLLL13, ZWH⁺¹⁷, ZLCZ18, ZYLY18, ZWC⁺¹⁴,

dSOK17, AEM⁺¹⁴, AAB^{+05a}, Ano97b, Ano97c, Ano97d, AC98, BD01, BP01, BP03, BZD17, Caa00, CCWY05, CK87, Cla97, Coh97, CDG97, Cra98, Cza00, DD20, DCA04, DLS⁺⁰¹]. **Machine** [Eng99, FS11, FFB⁺⁰⁰, Fra98, FK03, Fuj91, GKP⁺¹⁹, GGG03, GC00, HT98, HM01, HLW⁺²³, HWB03, HB08, Ive03, JR02, JDJ⁺⁰⁶, JJ02, Juo07, KM13a, KM13b, LMG00, LMG01, LB98, LV99, LY97a, LY99, LYBB13a, LYBB13b, LTK17, Men03, MB98, Mon97, MP01, OT97, Oi05, Oi06, PTHH14, PNM⁺²⁰, PRB07, Ran02, RRB19, RB01, SMK02, SSB^{+14a}, SH04, Sch13a, SMES01, Set13, SMSB11, Shi03, SGV12, Sim92, Siv04, SSB01, SSB14b, SM02, Sur01, Tai98, THB22, Tol98, TO96, TR88, UR15, Ven99a, Wel02, Wol99, WWMG06, YI24, vD00, Ano97a].

Machine-Based [LW11, WB81, CGV10, WKT08, YZW⁺¹³]. **Machines** [Ano75, AY24, ASSB18, Att73, AH68, BMS16, BP99, BDJdS02, BSSS14, BWH⁺¹⁹, Bee05, BB13, BJPS73, BRX13, BG73b, BCG73a, CL17a, CWL12, CCML12, CWS12, CJK⁺¹², CGMD19, CSS⁺¹³, CL16a, CCO⁺⁰⁵, CH78, CHLY18, CDN02, DSM14, DEK⁺⁰³, Den01, DK17, DMR10, DKW15, Do11, EGR15, EGJS15, ECJ⁺¹⁶, EGG⁺²⁴, Ert03, EDS⁺¹⁵, Gai75, Gal73, G⁺⁰¹, GTS⁺¹⁵, Gol71b, Gol73b, Gum83, Han73, HKLM17, HTB22, HB17, Hof20, HS06, HPP15, Ian14, JE12, Jen79, JXL⁺¹², JAS⁺¹⁵, JKJ⁺¹⁰, KCWH14, KJL11, KP15, KPHA20, KAH83, Kov19, KAS13, LMR18, LZL⁺¹⁵, LYYY17, LLWM23, LD05, LXW⁺²³, LHAP06, LW12, LJL⁺¹⁵, LLZ18, LSPP⁺²³, Mac79, MB15, Mal73, Man15a, MD12, MGL⁺¹⁷, MM94, Par71, Par72, PSBG11a, PS16, Ran20, Rev11, Ros04, SD01, SCSL12, SV13, SN05a, SN05b, Sta97, SKI⁺¹⁷, Sup04, TTH⁺¹⁹, TV12]. **Machines** [UT87, Vog03, WLW⁺¹⁵, WGLL13, WZL15, WLLZ16, Win71, XSC13, XLL⁺¹⁴, XLL⁺²⁰, ZRD⁺¹⁵, ZWC⁺²³, vLSM01, Ågr99, ABB19a, AAH⁺⁰³, ADA⁺¹⁹, AGH⁺¹⁶, ATS16, AAM⁺¹⁶, AMAB17, AS14, BAC15, Bac11, Bag76, BML⁺¹³, BDF⁺⁹⁸, BDQR23, BHvR05, Bel06, BB12, BB15, BJ22, BPM⁺²², BBM09, BBS06, BB95, CL17b, CGM17, CSSE21, CCL⁺¹⁷, CH08, Cra05, Cra06, CWdO⁺⁰⁶, CLL⁺¹³, DDS⁺⁹⁴, DC15, DEG⁺¹⁷, DQLW15, DAdBM⁺²⁴, DSZ11, DCMW17, EB20, EGD03, EM06, Ert05, EL98, EMS15, FBZS12, Fit14, FHL⁺⁹⁶, FGLI15, FX06, Fu10, GI12, GVI13, GJK⁺²⁰, Gol73a, GKJ⁺¹⁹, GLV⁺¹⁰, HKS19, HM18, HMH17, HZZ⁺¹⁴, Hin97, HDG09, Hol95, IMBB20, JES⁺¹⁵, JWH⁺¹⁵, JDW⁺¹⁴, JGSE13, JYOB18, JB24, KSS24, KDK20, KSSG16, KRCH14, KBB11, KBC21, KR16, LMJ07, LZC⁺¹⁶, LLF⁺¹⁸, LJL12, LQW⁺¹², LF19, LC13, LTZ⁺¹⁴, LSS04, Man15b, Mat09].

machines [MK19, MK23, MG13, MRG17, MMTM22, hTMAC⁺⁰⁸, MPM⁺²⁰, NK10, NOR15, PKS⁺¹⁹, PFH⁺¹⁶, PSBG11b, PMC05, PDM20, PBYH⁺⁰⁸, PRS16, PV08, uRQS20, RK16, RH17, RHR02, RG19, RT18, RI25, SJB14, SS13, SENS16, SNV10, Sch09, SSN12, SJJ⁺¹², SJW⁺¹³, SWH⁺¹³, SLC20, SS22, SSL⁺¹³, SPAK18, Ste14, Str13, SK13c, SLA⁺¹⁶, SHTE11, Syr07, TZK17, TGCF08, TMMVL12, TDG⁺⁰⁶, TtLcC13, VT14, VED07, VWT13, WQG15, WXZ⁺¹⁷, WDT18, WCS06, WSVY09, WRSvdM11, WRS⁺¹⁵, WCG21, WCZ⁺²³, XNH21, XHCL15, XWX⁺¹⁷, XTB17, XA22, YC98b, YWF09,

YLJ22, YWGH13, ZBG⁺05, ZWHC17, ZWL09, ZSRR22, ADM98, BHDS09, CT03, Cla97, MLG⁺02, PEC⁺14, SM01, UBF⁺98, VED06, YC98a, ZS01].

macro [Wel02]. **macro-architecture** [Wel02]. **Made** [Ste05, PDL⁺23]. **Mail** [Joo06]. **Main** [AW17, AMH⁺16]. **mainframe** [GBO87]. **Mainstream** [Uhl06, BBHL08]. **maintaining** [HBP06]. **Maintenance** [MBK24, LSS04].

Major [Cap21]. **Make** [THB06, BC10, DMH18]. **makes** [Wal10]. **Making** [HKKW13, NSC⁺22, Voe86, XLL⁺14, CFRSSR19, FA21, SJJ⁺12]. **Malicious** [SMA18, Kip21]. **Malware** [CLS07, CD12, GG11, HL24, AD18a, CVWL13, CWdO⁺06, PDM20, YJZY12].

MAN [TDG⁺06, YYPa01]. **MAN/WAN** [TDG⁺06]. **manage** [Car14, Fit14]. **Manageability** [Gua14, MW05]. **managed** [CBGM12, CFG⁺13, GK05, RJK16]. **Management** [AW17, CMK⁺16, CTP⁺17, DMR10, HTW⁺19, HC17, HTB22, KGGS17, KGGS18, KR18, KL14, Lar09, LJL⁺15, LCMV17, LCFL12, LXM⁺16, MBWW86, MDGS98, PLMA18, PYYG21, RC18, SMES01, SLW⁺24, SC17, SDD⁺16, SKT⁺19, SP22, TB17, WIS⁺15, WLW⁺15, WYZY24, WGLL13, YYY⁺23, ZCL⁺21, AHK⁺15, ATS16, ARMMA18, BAC15, Beg12, BBMA91, BHDS09, BN89, CH08, Cla05, EBJ17, Fit14, Fu10, GTGB14, GLK⁺12, GAHL00, HKJ19, HB13, IMK⁺13, IPRS21, KCKC15, KMG⁺18, KF18, KB17, LLS⁺08, MR23, MS00, MBA⁺12, NGN24, NBS18, NS07, dOL12, PMP23, RH17, RHR20, RP07, RJK16, SBBP20, SG10b, SWC08, TRG13, Wal02, WDCLO8, WWWL13, WB16, WCS06, WSVY09, YLCH17, YWTC15].

Management-Complexity [SP22]. **Manager** [Car13, Car14, KMT14, Apr09, MBA⁺12]. **Managing** [BB13, KGZ⁺04, LCZ⁺19, BCP⁺08, J⁺05, YLHJ14]. **Manipulating** [GK05].

Manipulation [VGF16]. **Mantle** [BB95]. **Manual** [CRZ83].

Manufacturing [NHL22, LLS14]. **Many** [Bai70, JAD19, JYM⁺23, LPB17, SXXM⁺18, CLL⁺13, DQR⁺13, FGZC23, WR07]. **Many-Accelerator** [SXXM⁺18]. **Many-Core** [JYM⁺23, JAD19]. **Many-Objective** [LPB17, FGZC23]. **Manycores** [HPP15, KHW⁺16]. **Mapped** [HW93, BLRC94, SV15]. **Mapper** [AJ18]. **Mapping** [Bak83, CFM17, LYY⁺24, PS16, PCC⁺16, BSOK⁺20, CRB12, HS13, HSC15, JK15, UR15, YXL⁺20, WK08]. **MapReduce** [HSC15, RAP19, XYYY17].

March [ACM06d, Ano10, SS05]. **Marine** [MMG⁺18]. **Market** [LS15].

marketplace [KMK10]. **Markets** [TVKB16, XRL⁺22]. **Markov** [BL17, MTFK19, NZH20, RH17, RHR20, SC17, WQG15, YIR24].

Markov-based [NZH20]. **Marriott** [USE01a]. **Mars** [BC19]. **Maryland** [Ano93]. **Maschinen** [Zim06]. **Massachusetts** [USE93, USE01a, IEE85].

Massively [BS90, Kra90, MM93]. **Mastering** [CBER09, Low09, Low11, LMG⁺14, McC08, Sub11]. **Matching** [CFM17, Cox07, Cox09, Cox10, Cox12, YDW18]. **Maté** [LC02]. **matrix** [Kra90]. **maximally** [SS19]. **Maximization** [MLXG19, ZHW⁺17, JWH⁺15, KTB17, LWLL16]. **Maximizing** [BYBYT16, ZRD⁺15]. **May** [ACM00, ACM06e, Ano04b, IEE84a, IEE90a,

IEE91, IEE01, IEE06a, Mar81, TLC06, USE99, USE06, Yur02]. **mayfly** [DS22]. **MBSA** [CCL+17]. **MC** [XJW+18]. **MC-VAP** [XJW+18]. **MC68020** [MMM84]. **MCG** [ZGW+06]. **MCG-mesh** [ZGW+06]. **MDev** [PYDG22]. **MDev-NVMe** [PYDG22]. **MDRUs** [MTFK19]. **Mean** [ARAAA19, Ven96, ZB18]. **Measurement** [ACM81, Cal75, WLS+18, LXRS19, XHCL15]. **Measurements** [WZL+23, KBC21]. **Measures** [Att79, SM92]. **Measuring** [LWLL10, PC24, XHL+13]. **MEC** [SDM21]. **Mécanismes** [Han73]. **mechanics** [MC98, Uhl07]. **Mechanised** [LSPP+23]. **Mechanism** [LCT+15, LLZ18, MD12, TVKB16, Mly09, SIRP17, SYMA17, TXD+24, YLH14, YLWH14, YLJ22, ZLH+15]. **Mechanisms** [Han73, NMG15, Nel04, XRL+22, KHA22, MG13, RHZ+17, TMMVL12]. **MECOM** [JDW+14]. **Media** [JW17, ZCG+17]. **Mediated** [PYDG22, XYD+18]. **Meet** [JW17, FHL+96]. **Meets** [BBM+15]. **Megalos** [SADP21]. **Megh** [BWH+19]. **mehr** [Joo06]. **Memento** [CPST15]. **MemFlex** [ZLSI17]. **memories** [Pat12]. **Memory** [AW17, AZEE17, AZEE18, AMH+16, Bad82, Bro89, VMW+19, CLLS12, CDW+24, Cro93, GHS17, GGJ+92, GKBB15, HHS18, HHC+16, HPP15, JJK+11, KLY20, KGGS17, KGGS18, LW11, LH16, LSSC22, LJL+15, LSX+24, LZW+17, LXM+16, MKKE12, NTL+24, PGP19, PP73, PDY+23, RC18, RLZ+16, RWX+12, RGSJ17, SMES01, SLM89, SLW+24, VTW16, Wal02, WWH+16, WWL+17a, WK90, WTLS+09, WZL+18, XML+18, ZL18a, ZLSI17, ZCL+21, AHK+15, ASPP22, ATS14, Ano15, BHDS09, BFS+18, CWH+14, CWC+14, CLcC13, CH08, CMM+06a, CMM+06b, CMM+06c, GPS+18, GMK17, GVI13, GNDB16, GLV+10, HKN22, HB13, HHPV15, HUWH14, JSK+13, JDW+14, KB17, LLWW18, LFHQ19, LJYZ15, LF19, LLS+08, MS00, PNM+20, PPO14, RO16, RJK16, SEPV19, SOKE23, VED07, WWS89, WZW+11, WWWL13, WK08, ZP14, ZWKX17, ZHCB15, ZWL09, ZL13, TF16]. **Memory-Aware** [JJK+11]. **memory-based** [SOKE23]. **memory-limited** [CH08]. **Memory-Oriented** [ZL18a]. **memory-performance** [SEPV19]. **Memory-Resident** [WK90]. **merging** [TLX17]. **mesh** [SJRS+13, ZGW+06]. **Message** [GGM+16, DM93, TO91, UR15, XH90]. **message-passing** [TO91, UR15, XH90]. **messaging** [Joo06]. **meta** [BT15, HAK22, SBNU18, TSR19]. **meta-heuristic** [HAK22, TSR19]. **meta-heuristics** [SBNU18]. **meta-tracing** [BT15]. **metacircular** [PBAM17]. **Metacomputing** [MDGS98]. **metaheuristic** [ATZP21, EYGS19, XA22]. **metaheuristic-based** [XA22]. **metaheuristics** [ARMMA18, SEM+20]. **Metal** [ZXL+24, AGH+16, GAH+12, OSK15, RB24]. **Method** [AAT+22, AAMBE21, AC16, BP99, BA19, DEK+03, HT98, LZL+15, LYY+24, LXQ24, Mar73, QLL+21, RSNK17, SXH+19, TTH+19, ZAI+16, ATZP21, BJ22, CSSE21, DXM+17, GSG22, JKK+13, JXZ+10, LYYY17, LYYY18, LXRS19, LYY+20, MHM19, MA19, NS17, SEM+20, THH+14, Ven97c, XZK+20, XA22, YLHJ14, ZFL+23, ZZW+24, ZSRR22]. **Method-Level** [AC16]. **methodology** [FS89]. **Methods**

[BDG18, HSN17b, KKS⁺19, Pfo13, Qia99, UT87, WH99, AAC⁺17, BMWB86, MG19, NK22, XH90]. **metric** [SS17]. **metrics** [BSOK⁺20, Sch13a]. **Metriken** [Sch13a]. **Metron** [KBK⁺21]. **Mexico** [ACM00]. **Meyer** [Ano97a]. **MGC'05** [ACM05b]. **MI08** [Hin08]. **Micon** [BGS89]. **Micro** [LYY⁺24, ZD18]. **Micro-Computing** [ZD18]. **Micro-Segmentation** [LYY⁺24]. **Microarchitectural** [MSI18, CJJ⁺22, EGD03, SK13b]. **Microarchitecture** [SVM⁺23]. **microcomputer** [UBL⁺82]. **microcomputers** [GBO87]. **Microgrids** [GPM21]. **microkernel** [GMR93, Sto07, Uhl07]. **microkernel-based** [Sto07]. **Microkernels** [FHL⁺96, HUL06]. **Micromachines** [Sch73]. **Microprocessor** [Ran02, ACT94, WW77]. **microprocessors** [But94]. **microprogrammable** [Bag76]. **microprogramming** [ML78, SP83, Tho73]. **Microservice** [KKD24, BNS18, WGW⁺18]. **microservice-based** [BNS18]. **Microservices** [Kol19]. **Microsoft** [Lar09, Zim05, Ano99a, B⁺07, Car13, CBER09, Gal09b, Joo09, Kal97, KVV09, KSS09, KS10, Lar09, MRM06, Nou92, Ste05, Won97]. **Middle** [ZYH⁺19]. **Middleboxes** [KRS⁺17, YDW18]. **Middleware** [ACM05b, HOKO14]. **Migratability** [ZXL⁺24]. **Migrate** [YBZ⁺15, CLL⁺13, KB21]. **Migrating** [JE12]. **Migration** [AGC18, ABV12, AY24, BWH⁺19, BFG⁺14, BWD⁺15, CYX⁺17, DK17, EMAL17, GWZ16, HTB22, HPS22, KC16, KGS16, KKL16, LSC⁺17, LZL⁺15, LJJ⁺11, LH15, LZM⁺20, MZD⁺18, MB15, NBK16, PS19b, RSNK17, RSN⁺18, RJS⁺18, SL14, SHW⁺15, TMV12, XWJX15, XLL⁺14, XD16, XD17, XLWX19, YWR⁺14, YWW⁺15, ZRS⁺16, ZCG⁺17, ZDLG17, ZLZ21a, ZZW22, vLSM01, AGH⁺15b, AGH⁺15a, AA24, AS14, BAC15, BMF23, BB08, CLcC13, DS20, EYG21, FGZC23, FMIF18, FGLI15, GJK⁺20, GNK24, HLW⁺10, HKN22, HBNK24, HTB19, HH19, HAK22, HDG09, HPS23, JKK⁺13, JGW⁺11, JDW⁺14, JGSE13, KN18, KLY20, KSS⁺20, KSS⁺23, KZ21, KTB17, KJLY15, LZWD15, LZC⁺16, LFHQ19, LLZ⁺19, DPBK16, MG13, NK22, NAR19, NIA18, PC21, PKS⁺19, PDC⁺12, Par25, PFPJ18, PCB⁺18, RK16, RCTY19, SEM⁺20, SM01, SS22, SYMA17, SSL⁺13, SLA⁺16, SHTE11, TK20, TMV25, TDG⁺06]. **migration** [WCY⁺17, WSX⁺19, WDT18, WLG⁺11, WRSvdM11, WRS⁺15, XWW⁺21, XA22, YW20, YBZ⁺15, ZLZ15, ZHHC17, ZFY18, ZLZ⁺19b, ZLZ⁺19a, ZFL⁺23, ZNSL14, ZLLL13, ZYLY18, MK22, TUM18]. **Migrations** [WVT⁺17, CBJ22, GSKJ18, JES⁺15]. **MigVisor** [ZDLG17]. **MIMO** [LZ15]. **Mini** [ZXY⁺15]. **Mini-intrusive** [ZXY⁺15]. **Miniboxing** [UTO13]. **minicomputer** [KK79]. **MiniComputers** [Har77]. **minidisk** [Boz89]. **Minimal** [LPD⁺11]. **Minimal-overhead** [LPD⁺11]. **Minimization** [GR20, Kha19]. **Minimizing** [LGJ⁺18, LGS⁺23, RSNK17, RKRK17, ZRD⁺15, Par25, RK16, SZ13, THG⁺18]. **Minimum** [BAC15, FSH⁺13, ZLZ15]. **Minimum-cost** [ZLZ15]. **Minimum-energy** [BAC15]. **Mining** [NASD21]. **MINIX** [Kel06, vdK09]. **Minneapolis** [IEE92]. **Minnesota** [IEE92]. **MIPS** [MTJ⁺22, RWX⁺12]. **MIRAGE** [PC21]. **mirror** [Rob06]. **Misalignment** [SC18]. **misses** [BLRC94]. **Misson**

[Ano10]. **Mistakes** [Ste05]. **Misuse** [Aln22]. **Mitigate** [WWL⁺17a].
Mitigating [ASSB18, IYAK23, WZKP19, ASB18]. **Mitigation**
[LGR14, IRB19, vCPWvT11]. **Mixed**
[PA21, WLMD16, ZXG⁺24, CDO24, LWM14]. **Mixed-Criticality**
[WLMD16, CDO24]. **Mixed-Precision** [ZXG⁺24]. **Mixing** [LD05]. **MLN**
[Beg12]. **MMU** [XYD⁺18]. **MO** [ACM97]. **Mobile**
[CPKL17, CPS17, CWH⁺16, LH16, LGXC23, LYS⁺18, MV16, RSN⁺18,
SGB⁺16, SML18, USE93, WVT⁺17, WCC20, XZL⁺20, ZLW⁺19b, BD11,
BBD⁺10, CM18, FGZC23, FC98, HLW⁺10, IIK⁺06, ISE08, LLE17, LFHS23,
SASG13, WHSE15, ZLZ⁺19a]. **mobility** [FX06, SBP⁺17, ZLZ⁺19a].
mobility-induced [ZLZ⁺19a]. **Mode** [Dav04, CWH⁺14, Cof99, YLJ22].
MODEF [SMO84]. **Model**
[Bar73, BRX13, CHW12, DL19b, GGK18, HKM⁺18b, IBM76a, KKTm17,
KF91, KCY22, KAS13, KAZS14, LLWM23, MTFK19, MV16, MP01, Nel04,
Neu92, NSJ12, SAJ24, ST24, SJMG24, WLCS17, XDLS15, YLH17, YLQL25,
ZDLG17, ABBJ23, AA24, Bar78, BMF23, BCM90, Bir94, CKP⁺93, EYG21,
Fre05, HBNK24, JFZL17, NNK21, RHR20, Req03, SS13, SPSL25, TMJ⁺21,
WO75, YZLQ14, ZP14, ZBG⁺05, ZGL⁺17]. **Model-Driven** [NSJ12].
Model-Free [BRX13, ABBJ23]. **Modeling** [ACM81, CH78, GLL⁺21, IN87,
KRG⁺12, LDL14, PFNC20, SHB19, TIIN09, WDL⁺20, WLS⁺18, WZZ⁺20,
XWH⁺16, BPM⁺22, BB95, FX06, gKEY13, SK13c, TLX17, YZSC17].
Modelling [DPBK16]. **Models** [DSM14, HBL⁺10, HWB03, KKE19,
Man15a, RSW⁺06, SL16, TUM18, ADG⁺92, BKR20, CPM⁺18, CBFH20,
HCJ07, Lia05, RO16, VVB13, WDT18, Ble89]. **Modem** [Ano03a]. **Modern**
[BDG18, EG01, FKZ17, GG11, KKS⁺19, FIF⁺15, KB17, ZDK⁺19].
Modification [Aln22]. **modified** [FS19]. **Modular**
[AvMT11, ADWM18, DCA04, FC98, LH13, TO91]. **Modularity**
[SVB93, DNR06]. **Modulation** [WUK⁺18]. **module** [DJP⁺24, ZXB⁺24].
Modules [SMR24]. **möglichen** [Hin08]. **moldable** [HZZ⁺14]. **Molecular**
[YWCF15]. **MOLP** [ZB18]. **monad** [Dan12]. **Monitor** [LXM⁺16, PDL⁺23,
QT06, Ren78, RI00, RT93, Ros99, SVL01, AGSS10, ALL06, AMA⁺11, Cof99,
KOY05, Kou11, SHLJ13, SSU⁺12, TT93, XZ11, ZYZ⁺18]. **monitor-based**
[AMA⁺11]. **Monitoring** [BAL15, CCML12, DLX⁺17, LZW⁺17, PC24,
PLZ20, RHV17, WLLZ16, ZL16, ZL18b, ZXY⁺15, ACT94, CL14, EYG21,
JXZ⁺10, JADAD06b, LMDP19, TZY⁺25, WSX⁺19, YCL⁺19, YW20].
Monitors [JHS12, KS08a, KF91, RG05, WCSG05, BDF⁺03, FLM⁺08,
HUL06, HPHS04, YME05]. **Monona** [ZL18a]. **Monterey**
[ACM05a, Ano01b, USE91, USE01c]. **mori** [CPST15]. **Mortar** [HUWH14].
most [CK06b]. **motion** [Lia05]. **Motorola** [Ano03a, MMM84]. **move**
[BGS13]. **Moving** [Cre10b, Cre10a, TMV25]. **MPQ** [ZXG⁺24]. **MPSoC**
[BHI15]. **MPSoCs** [OVI⁺12]. **MS** [Tho08]. **MU5** [MDFS72]. **Multi**
[AVNR19, ABV12, AP18, BB17, CLG⁺10, DY17, DLS⁺01, Fie68, GSS⁺18,
GLBJ18, HMH17, HC17, HCB18, HPcC04, KSVR23, KR18, LZLY20, LLS14,
LH15, LCZ⁺19, MMdE19, MD12, MP16, MM94, PXG⁺17, PNT12, RTL⁺18,

SL14, SCL⁺¹⁹, TTH⁺¹⁹, TSR19, TK20, WLL⁺¹³, XCSM18, XZL⁺²⁰, ZL18a, ZRZY15, AD18a, AL05, ATS16, BB20, BDQR23, Bor07, BY20, DEG⁺¹⁷, DHD20, DS22, FGG14, GGQ⁺¹³, GKP⁺¹⁹, GH20, GHK24, HZL⁺¹⁸, JHE14, KMT14, LC14, LYYY18, LLZ⁺¹⁹, LCL^{+23a}, LCL^{+23b}, MPM⁺²⁰, RK18, RPE12, STMV18, SE12, SWH⁺¹³, SS19, SM23b, SIK⁺¹⁶, SWW⁺¹⁸, SOKE23, WDCL08, XZ11, XJW⁺¹⁸, YKS16, YTS14, ZMD⁺²¹, ZNSL14, ZLL⁺¹⁶, JDJ⁺⁰⁶, NMS⁺¹⁴. **Multi-Access** [Fie68, HCB18]. **Multi-Agent** [PXG⁺¹⁷, ABV12, DHD20]. **multi-attribute** [SS19]. **Multi-Capacity** [BB17, HMM17]. **Multi-Channel** [TTH⁺¹⁹]. **Multi-Cloud** [AVNR19, DEG⁺¹⁷]. **multi-connection** [XJW⁺¹⁸]. **Multi-Context** [ZL18a]. **Multi-Core** [KR18, RTL⁺¹⁸, PNT12, SWH⁺¹³, YTS14]. **multi-course** [AL05]. **multi-criteria** [ATS16]. **Multi-dimensional** [HPcC04, ZMD⁺²¹]. **Multi-Dispatch** [DLS⁺⁰¹]. **Multi-domain** [TK20]. **multi-faceted** [BDQR23]. **Multi-GPU** [NMS⁺¹⁴]. **Multi-granularity** [LLS14]. **Multi-Language** [GSS⁺¹⁸, MD12]. **Multi-Level** [MMdE19, AD18a, JHE14]. **Multi-Objective** [GLBJ18, AP18, LZLY20, SL14, SCL⁺¹⁹, TSR19, BB20, BY20, DS22, GGQ⁺¹³, GKP⁺¹⁹, GH20, GHK24, HZL⁺¹⁸, LCL^{+23a}, LCL^{+23b}, MPM⁺²⁰, RK18, STMV18, SM23b, ZLL⁺¹⁶]. **multi-platform** [XZ11]. **Multi-processor** [WLL⁺¹³]. **Multi-Provider** [MP16]. **multi-resource** [LYYY18, LLZ⁺¹⁹, SOKE23]. **multi-server** [LC14, RPE12]. **multi-source** [SIK⁺¹⁶]. **Multi-stage** [CLG⁺¹⁰]. **multi-start** [KMT14]. **Multi-tasking** [JDJ⁺⁰⁶]. **Multi-Tenancy** [DY17]. **Multi-Tenant** [LCZ⁺¹⁹, ZRZY15, SWW⁺¹⁸, YKS16]. **Multi-threaded** [HC17, FGG14, SE12]. **Multi-Thresholds** [XCSM18]. **Multi-Tier** [KSVR23, LH15, XZL⁺²⁰, WDCL08, ZNSL14]. **multi-user** [Bor07]. **MultiCache** [NsP16]. **multicast** [AAC⁺¹⁷]. **multicomponent** [BRS18]. **Multicore** [FRD⁺⁰⁸, HHW10, Ian14, Man16, SOAK23, ZD18, CP17b, KNHH18, SE12, SSMGD10, SJJ⁺¹², Sub08, WCC^{+16a}, WCS09, WJGA12, YQZ14]. **Multicore-Aware** [Man16]. **multicriteria** [CFRSSR19]. **multidimensional** [dCJR16]. **Multidomain** [NVV⁺²⁴]. **multigrid** [AGIS94]. **multihost** [Bar06]. **MultiLanes** [KHW⁺¹⁶]. **Multilayer** [VLZL16]. **Multilayered** [NsP16]. **Multilevel** [DD20]. **Multimedia** [Ano99b, CAF⁺⁹¹, FLZ17, ZKWH17, BTLNBF^{+15b}]. **Multimodal** [ZZW⁺²⁴]. **Multimodal-based** [ZZW⁺²⁴]. **Multipath** [CFLL19]. **Multiple** [HTB22, LGS⁺²³, BG20, CSV15, Com00, GMR93, IKU15, OKAM17, SS22, SLA⁺¹⁶, TMMVL12, TtLcC13]. **multiplicity** [SM79]. **multiplier** [SS22]. **multiprocessing** [DBO⁺¹⁸, TLD⁺⁸⁹]. **Multiprocessor** [AGLM91, Dun86, NL19, KKJL14, WXZ⁺¹⁷, Bro89]. **Multiprocessors** [Bad87, Cro93, SLM89, TO91, WWS89, WWT89, AGIS94]. **multiprogramming** [Abr82]. **Multisensory** [FBGS24]. **multitarget** [Bar06]. **Multitasking** [CD01, ZWC⁺²³, IBM96, TLD⁺⁸⁹]. **multitasking/multiprocessing** [TLD⁺⁸⁹]. **Multitenant**

[KA24, LZW⁺15, MK23]. **Multithreading** [LRZ16, ABB⁺15, PV06]. **Multitier** [XRL⁺22]. **musical** [BB08]. **mutual** [SGS92]. **Mutually** [SOAK23]. **MVM** [GMR93]. **MVP** [Lot91]. **MySQL** [Wün13].

Nam [Fro13]. **Named** [War11, XWJX15]. **Nancy** [Jou85]. **Naplus** [ZWKX17]. **Narrow** [YSS⁺17]. **Narrowing** [DGLZ⁺11]. **Nash** [uRQS20]. **Nassau** [Ano99b]. **Nation** [HS19]. **Nation-Wide** [HS19]. **National** [Ano93, SVN⁺10, WZH⁺16]. **Native** [AC98, UT87, EL98, RPE12, STS⁺13]. **NATUG** [Boa90]. **NATUG-2** [Boa90]. **Nature** [KHA22]. **Nature-inspired** [KHA22]. **NC** [Boa90]. **NDSS** [Ano10]. **Near** [ASPP22, LJFS17, UT87, XRL⁺22, LKY⁺17, RPE12, TDG⁺18]. **Near-memory** [ASPP22]. **Near-Native** [UT87]. **Near-Precise** [LJFS17]. **near-threshold** [TDG⁺18]. **Neat** [BB15]. **need** [BGS13, GLK⁺12, WCS09]. **needs** [BKT⁺19, STFH15]. **Negotiation** [ABV12]. **Nested** [HBL⁺10, GHS16, KS20b, RQD⁺17]. **nested-virtualization** [RQD⁺17]. **Net** [MBK⁺92, Tur92]. **NetAdvantage** [Ano03b]. **NetKernel** [NSC⁺22]. **NetLCR** [Joo06]. **nets** [NMC18a, NMC18b]. **Netstumbler** [Joo06]. **NetWare** [WF03]. **Network** [ACM98, RM03, AFG⁺17, AP22, AVNR19, ASL⁺20, Aln22, Ano10, AO16, ACA16, BYZZ20, BLMP22, BRIdM10, BL17, BHEP14, CFM17, CBJ22, CFC⁺24, CPS17, CMK⁺16, CFLL19, Che21, CKT08, Cre10b, CTP⁺17, DW14, EMAL17, ELC⁺19, EVCL21, EMW16, FXL⁺23, FR24, Fis01, FML⁺22, FLZ17, GHM⁺18, HTAY21, HLPY16, HSL17, HB12, HTM⁺24, HJG18, IKU15, JW17, KKE19, KKTm17, Ken80, KLR⁺20, KAZS14, KLLT18, LXL⁺22, LLW⁺16, LHW⁺20, LCZ⁺19, LDERS18, LCFL12, MLXG19, MDZ⁺21, MSLY24, MAK18, MP16, MCZ06, Mon97, MR06, NLD⁺23, NSC⁺22, NVV⁺24, Nou92, PHL⁺12, Pap20, PHXL19, PCR89, PST⁺15a, PHC20, Rix08, RS20, RKRK17, SADP21, SAR24, SN23, SJMG24, SKT⁺19, SSOT17, SP22, TSN⁺23, UVL⁺13, VV18, WB81, WZL⁺23, XWH⁺16, XWW⁺21, XD16, XD17, YJZ⁺21, YYY⁺23, YWH⁺21, ZWFX17, ZZG⁺23, ZHHC17, ZSP⁺21, ZLZ21a, ZWH⁺17, ZKWH17]. **network** [ACM06c, AM16, AMIA19, ALW15, BG20, BCC⁺15, BCM90, BL90, BH13, BBS06, CBZ⁺16, CB10, CRB12, Cre10a, DS19, DS18, DYL⁺12, FCD09, FLL⁺13, FZS⁺20, FJKK17, FK13, FSH⁺13, GLQ⁺13, GLLJ16, HH18, HH19, HS13, HBP06, IM93, JAC⁺19, JK15, KBDK22, KSO⁺15, KK21, KKK⁺18, KWZ⁺19, KU24, LYYY17, LLZ⁺19, LRP⁺19, LMDP19, LQD⁺18, DPBK16, MK22, MSZ09, MHS21, NTH⁺17, OKAM17, OK90, PJZ⁺19, PFNC20, PST15b, PBL⁺16, QBL⁺23, RK16, RWC21, SHB19, SOKE23, SZL⁺14, SWL⁺23, TSR19, TK20, TSCB19, Tur84, UBL⁺82, VOS12, WWS89, WHC16, WCC16c, WBW⁺19, WZZ⁺20, WC91, WYZAD20, XHW⁺19, YCL⁺19, YLTF20, YXL⁺20, ZLZ⁺19a, ZJRW19, ZGL⁺17, BCZ19, CEPR22, HTAY21, MCJ19, TF16, YWL⁺18, YI24]. **Network-Aware** [CTP⁺17, AO16, IKU15, ZHHC17, KK21, LQD⁺18]. **network-based** [LYYY17]. **Network-hosted** [CKT08]. **Network-I** [RM03]. **Network-I/O** [RM03]. **networked** [CT03, HKN22, NBS18, SBNU18, SGGB99, SGGB00].

Networking [ACM04b, CPKL17, IEE06b, LCK11, MLA83, Pap20, SN23, SS05, SB18, XWJX15, ZKWH17, BTMS10, Bor07, BH13, GD08, Ker15, MCJ19, M⁺06, Zho10]. **Networks** [BSI⁺15, CPKL17, CGC16, CFL19, EVCL21, FXHY21, FML⁺22, GMGF24, Hal79, HHK94, JN15, KKL16, LLW⁺16, LXZ⁺21, LCMV17, MP16, MBWW86, MSC⁺21, NGRF19, QLL⁺21, SCC⁺23, SIJPP11, TVO92, VVC⁺17, XZL⁺20, XRL⁺22, ZDS⁺22, ALW15, Alf91, AAC⁺17, BTLNBF⁺15a, CL15, CM18, DS19, FZS⁺20, GCARPC⁺01, GLQ⁺13, GHM⁺18, HHS18, KCV11, LC02, LZW⁺15, LWL16, MG19, Mon22, MAK07, NRS92, OMB⁺15, RS16, THH⁺14, TK20, TO91, WZV⁺13, WT91, XWW⁺21, XYYY17, XJW⁺18, YKS16, YPLZ17, YLTF20, YMY17, AAJD⁺16]. **Netzwerk** [KGG00]. **Netzwerke** [WF03]. **Netzwerkkonfiguration** [WF03]. **Neumann** [FS11, FS12, Sig89]. **Neural** [EVCL21, JAC⁺19, MBK⁺92, TVO92, Tur92, WWS89, ZDS⁺22, Alf91, BCM90, BL90, IM93, KCV11, MK22, OK90, RK16, RWC21, TO91, WT91, WC91, HLW⁺23]. **Neural-FEBI** [HLW⁺23]. **Neurocomputer** [GFB⁺92]. **Neutral** [WBHN18]. **neutron** [MM92]. **Nevada** [ACM81, ACM89]. **newer** [YK13]. **Newfoundland** [IEE06a]. **News** [Bri98, Kal97, Sta07]. **Next** [AEA⁺23, BDF⁺99, CF00, LPSS19, IIK⁺06, RGS⁺20]. **Next-Generation** [AEA⁺23, IIK⁺06, RGS⁺20]. **NFV** [ALW15, Pap20, TF16, ASL⁺20, BDF19, FS19, FLZ⁺20, GDSA⁺17, GLL⁺21, JWL⁺18, KBK⁺21, LHW⁺20, LXZ⁺21, SDM21, SHB19, SP22, WTJR22, XRL⁺22, ZHH⁺24]. **NFV-Based** [SDM21]. **NFV-Enabled** [LXZ⁺21]. **NFV/SDN** [BDF19]. **NFVLearn** [SOKE23]. **NG2C** [BOF17]. **Nice** [ACM90]. **NICs** [HB12]. **Niklaus** [BGP00]. **Nimble** [ZCJ⁺21]. **Ninth** [USE00b]. **NoC** [FRD⁺08]. **NoCs** [FD08]. **Nodal** [Che21]. **Node** [FXL⁺23, NTR18, CRB12, JK15, KL13, LSS04, SS19]. **Node.js** [KKD24]. **Node.js-Based** [KKD24]. **Nodes** [SJ21, Vol90]. **NoHype** [KSRL10]. **nom** [BYBYT16]. **Non** [Aln22, AMH⁺16, KS18b, PG17, PG18, WZL⁺18, YKM17, KOY05, KM13a, KM13b, ZP14]. **non-cache-coherent** [ZP14]. **Non-clairvoyant** [KS18b]. **Non-Control** [Aln22]. **non-dedicated** [KOY05]. **non-deterministic** [KM13a, KM13b]. **Non-Java** [YKM17]. **Non-Preemptive** [PG17, PG18]. **Non-Volatile** [AMH⁺16, WZL⁺18]. **Non-Volatility** [WZL⁺18]. **nonaligned** [AGIS94]. **nonvolatile** [PNM⁺20]. **normal** [AM16]. **Normalized** [AAT⁺22]. **North** [Boa90]. **Nosv** [RQD⁺17]. **Note** [BCG73a, DMS02, KSS⁺23, MA24]. **notebook** [IBM94]. **Novel** [AHKC23, ARAAA19, ATS16, BMJ⁺22, JZY⁺22, LSC⁺17, LXQ24, NK10, PKS⁺19, XCSM18, ZWFX17, DJP⁺24, CBZ⁺16, FF22, LXRS19, LJYZ15, SDN09, ZLCZ18]. **Novell** [WF03]. **November** [ACM75, ACM89, ACM96, ACM03a, ACM04b, ACM05b, ACM05c, IEE90b, IEE92, IEE93b, IEE02, IEE04, LCK11, USE91, ACM97]. **NSGA** [TSR19]. **NSX** [PPS⁺18]. **Nu** [DNR06]. **null** [AT16]. **NUMA** [BMS16, GTS⁺15, KP15, LL14, LXM⁺16, SJA⁺17, SKJ⁺17]. **NUMA-Aware** [BMS16]. **NumaGiC** [GTS⁺15]. **Number** [BP99, SZ13]. **numbers** [WCG21]. **Numerical** [Hol95]. **nutzen** [Zim06]. **nützliche**

[LC09a]. **NVMe** [HC18, PYYG21, PYDG22]. **NVRAM** [ZLW⁺19b].

O [RM03, AJM⁺06, AMA18, ASMA21, AD11, ABG14, AIAR⁺24, ABB⁺15, BMS16, BHEP14, CWH⁺16, CDD13, CRZH15, DCP⁺12, DS09b, GCL⁺21, GAH⁺12, HA79, HB12, JAD19, KS08a, KBDK22, KMN⁺16, LLE17, LMR18, LHAP06, LFHS23, NsP16, PST⁺15a, RB24, Rus08, SBQZ14, SYC14, SVL01, THH⁺14, TtLcC13, VW08, WR12, WYZY24, WTL⁺16, XNH21, YJZ⁺21, ZWFX17, ZSR⁺05, ZXL⁺24]. **O-intensive** [BPM⁺22]. **O-RAN** [AIAR⁺24]. **Oak** [SVN⁺10]. **Oakland** [IEE84a, IEE90a, IEE91]. **OAMulator** [MS01]. **OASIS** [UBL⁺82]. **OB** [XHCL15]. **Oberon** [WF03]. **obfuscator** [ZXB⁺24]. **Object** [Bad82, BBD⁺91, BP01, CAF⁺91, Low88, PTHH14, PMC05, San88, STFH15, USE99, USE01b, BPB86, BP03, BZD17, DNR06, GSN93, IT86, LM99, VED07, WML02]. **Object-Based** [Bad82]. **Object-Oriented** [BBD⁺91, USE99, USE01b, PTHH14, PMC05, San88, BPB86, GSN93, IT86, WML02]. **Objective** [GLBJ18, LPB17, AP18, BB20, BY20, DS22, FGZC23, GGQ⁺13, GKP⁺19, GH20, GHK24, HZL⁺18, LZLY20, LCL⁺23a, LCL⁺23b, MPM⁺20, RK18, STMV18, SL14, SM23b, SCL⁺19, TSR19, ZLL⁺16]. **Objectives** [AP22, ML78]. **Objects** [Qia99, ABB⁺19b, SK13a]. **Observation** [NBH08, SCFP00]. **observation-based** [SCFP00]. **Observations** [LHW⁺20]. **occupied** [SZ13]. **OCTET** [BKC⁺13]. **October** [ACM03b, Ano99b, Ano06a, Boa90, IEE03, Tho93, USE00a, Vra05]. **off** [CGV10, MTJ⁺22]. **off-board** [CGV10]. **Offensive** [BDJdS02]. **Offers** [Ano03a, Got07]. **office** [BRIdM10, Ano03b]. **Offline** [TRG13, SHLJ13]. **Offloading** [CL16a, GKXK13, TXD⁺24]. **offs** [SIdLB15, XZK⁺20]. **OGSA** [AKK⁺07]. **OGSA-DAI** [AKK⁺07]. **Oktober** [Müh75]. **Old** [Got07]. **Older** [SHB⁺03]. **Older-first** [SHB⁺03]. **Oleco** [Joo06]. **On-Chip** [GGM⁺16]. **On-Demand** [MK13, SEF⁺06, ZZFO6, DEG⁺17, JCZZ13]. **On-Device** [Bos24, XYD⁺18]. **On-Stack** [WBHN18, LH13]. **On-the-Fly** [MKZ⁺25, URJ18, AH24]. **One** [Bai70, Cre09, HPHV17, NKY⁺18, JK15, Ste14]. **one-shot** [JK15]. **Ongoing** [Car23]. **Online** [BFM⁺21, FL13a, GR15, HKLM17, HH18, HKKW13, JWL⁺18, Joo06, KTB17, LGS⁺23, LW20, MSC⁺21, NG13, RG17, SZW⁺16, SIK⁺16, SXCL14, SCL⁺19, XWW⁺21, ZHW⁺17, ZLZ21a, ZWC⁺14, BB12, KS18b, LSS04, MPM⁺20, NK10, THB22, ZXW16]. **Online-Handbuch** [Joo06]. **Ontario** [ACM06f, Sof83]. **onto** [AO16, Bak83, BS90, PS16]. **Open** [AFG⁺17, AP22, GMGF24, LLWM23, LXQ24, SJV⁺05, ARA20b, ARA20a, AGH⁺15a, AAB⁺05a, FP14, TSP17]. **Open-Source** [LLWM23, SJV⁺05, AAB⁺05a]. **OpenCL** [KJJ⁺16, SXXM⁺18, TY14, YWTC15]. **OpenCL-based** [SXXM⁺18]. **OpenFlow** [YKS16]. **OpenISA** [AMB⁺17]. **OpenJDK** [BFS⁺18]. **OpenNebula** [KMT14]. **OpenOffice** [Joo06]. **OpenQRM** [Kar07]. **OpenStack** [AMIA19, BB15, BLMP22, HKJ19, YW20]. **OpenSUSE** [CK06g, CK06f, CK06o, CK06p, CK06p]. **Operand** [MSI18]. **Operating**

[ACM75, ACM03b, BPP⁺¹⁷, BH73, BYBYT16, CD12, Das91, HXZ⁺¹⁶, IEE01, J⁺⁰⁵, Mar73, MNN05, MKKE12, MM94, RT93, SLM89, THB06, Vra05, ACT94, CCZ⁺⁰⁶, CGL^{+08a}, CGL^{+08b}, CGL^{+08c}, CK06a, CK06b, CK06e, CKP78, Com00, CLDA07, Dav04, Don87, Fli77, HKD⁺¹³, KSLA08, Kou11, KS20b, MW18, MDFS72, NV05, Ros06, SPF⁺⁰⁷, SS72, TT93, Vac06, Van06, WR07, WWT89, WHSE15, YK13, YLJ22, Mat10]. **Operation** [ZR06]. **Operational** [Dan12, LCMV17, Siv04, BG20, NMC18b, NMC18a]. **Operations** [NTL⁺²⁴, OLZ16, MPF⁺⁰⁶]. **operator** [GHM⁺¹⁸]. **Opportunistic** [GJK⁺²⁰, KMK16, OMB⁺¹⁵]. **Opportunities** [JAC⁺¹⁹, CBFH20]. **Optimal** [BP99, BB12, DS19, DEG⁺¹⁷, GSG22, HM18, HJG18, KAS13, LYL21, TCTH23, XYYY17, XRL⁺²², ZB18, GSKJ18, HAK22, KB21, WHC16]. **optimale** [Sch13a]. **Optimisation** [SCL⁺¹⁹, YWGH13, GKP⁺¹⁹, PTD⁺¹⁸]. **optimise** [DHD20]. **Optimised** [HKM^{+18a}]. **Optimises** [War80]. **Optimistic** [Pon19, WGF11]. **Optimization** [AGC18, CPS17, CWH⁺¹⁶, DKW15, EGG⁺²⁴, GLBJ18, HO22, KC16, LW11, LKIL19, LGZ⁺¹⁹, Man15a, MJW⁺¹⁴, NIA18, PAC⁺²², PS23, RK24, RRB19, SM06, SS22, SHZ⁺¹⁴, SKT⁺¹⁹, VG20, WDL⁺²⁰, WK90, YKM17, YLQL25, YWF09, AT23, BRS⁺²², CLL⁺²³, EB20, FGZC23, GCARPC⁺⁰¹, HLW⁺¹³, JK13, KSS⁺²⁰, KSS⁺²³, KS13, KS18a, KK21, LLWW18, LZLY20, LCL^{+23a}, LCL^{+23b}, MS17, dOL12, RI25, SM23a, SPSL25, WGW⁺¹⁸, WGY20, YXL⁺²⁰, ZFL⁺²³, ZLL⁺¹⁶, ZYLY18]. **Optimization-Based** [SHZ⁺¹⁴]. **Optimizations** [HB12, JZY⁺²², NBK16, PDY⁺²³, RLZ⁺¹⁶, CPST15, NG13, PGLG12]. **Optimize** [OLZ16, LDL⁺⁰⁸, RAT17]. **Optimized** [CGC16, MZD⁺¹⁸, DS20, HZL⁺¹⁸, KCV11, LWL16, RGS⁺²⁰, TMMVL12]. **Optimizing** [CEG07, dCCDFdO15, EG03, GKT17, HBNK24, HHC⁺¹⁶, JGW⁺¹¹, KRS⁺¹⁷, LQW⁺¹², LL14, LXM⁺¹⁶, MCZ06, SMK02, SAR24, SV15, WYZY24, WWL^{+17b}, ZLLL13, ZJXL11, FMIF18, HSC15, NNK21, ZLBF14, ZGL⁺¹⁷, FLL⁺¹³]. **Optimum** [AT24]. **Options** [HDM08]. **Oracle** [VSC⁺¹⁰]. **orbit** [SSN94]. **Orchestrated** [MK23]. **orchestrating** [BRS18]. **Orchestration** [MVMHL24, NVV⁺²⁴, SCA⁺²⁴, ZB20, ZXR⁺²², BSNB20]. **Order** [BW03, BFC02]. **Ordering** [HMH17, HTAY21]. **ORE** [OMB⁺¹⁵]. **Oregon** [IEE93b, USE85]. **O'Reilly** [Ano97a]. **Organization** [BPC94, Kam83, RSGG15, Juo07, Skr01, Tho73]. **Organizational** [PXG⁺¹⁷, GAHL00]. **organizer** [MS00, SMES01]. **organizing** [OK90]. **Orient** [IT86]. **Oriented** [BBD⁺⁹¹, BWD⁺¹⁵, BS90, CAF⁺⁹¹, DY17, ECET18, HW12, LVM16, LYGG20, MP16, PYYG21, RSGG15, SYB12, USE99, USE01b, YLT⁺²³, ZL18a, Beg12, BPB86, Fro13, GSN93, IIK⁺⁰⁶, IT86, PTHH14, PMC05, PPO14, San88, WML02]. **Origin** [Com82, Den01]. **Original** [BDR⁺¹²]. **Orthogonal** [PNM⁺²⁰]. **Orthogonally** [LMG01, LMG00]. **OS-Level** [cCWS14, KHW⁺¹⁶, SWcCM12]. **OS/2** [Bri98]. **OS/390** [DBC⁺⁰⁰]. **OS6** [SS72]. **OSCAR** [VS06]. **OSPF** [SAR24]. **OSS** [Ble10]. **Other** [Den01, GC00, 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]. **Outage** [Che21]. **Outline** [Kee77]. **Output** [ACL72]. **Outsourced** [YDW18, CMP⁺13, QZDJ16]. **outsourcing** [SASG13]. **Over-Provisioning** [SC18]. **overbooked** [LPBB⁺18]. **Overcoming** [APST05]. **Overcommitment** [GKBB15]. **Overcommitted** [CWS12, WCS06, ZHHC17]. **Overhead** [KKD24, BJ20, BJ22, JB24, LPD⁺11, LBL16, ZHCB15, ZLZ⁺19a]. **overheads** [MST⁺05]. **Overlapped** [LZM⁺20]. **Overlay** [GMGF24]. **Overload** [KAS13, AHRR22a, LYYY18]. **Overloaded** [BB13]. **Overshadow** [CGL⁺08a, CGL⁺08b, CGL⁺08c]. **Oversubscription** [YLT⁺23]. **Overview** [Lau87, MLG⁺02, ALW15, BB08, MNA16, NK22]. **oVirt** [Ano14d]. **OVIM** [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** [ECET18, ZLHD15]. **Pacifica** [Str05]. **Package** [PBR⁺90]. **Packages** [JMSLM92, LTT92]. **Packet** [VLZL16, LRP⁺19, Ste14]. **Packeteer** [Ano03a]. **Packing** [BB17, GR15, RG17, SXCL14, XDLS15, LLZ⁺19, SZ13]. **PACO** [PAC⁺22]. **PACT'06** [ACM06b]. **Page** [AW17, CWL⁺15, CHLY18, KYP⁺17, LH16, LLZ⁺19, LZW⁺17, LZM⁺20, MZD⁺18, MT16, MT17, WLW⁺15, AJH12, BSSM08, CWC⁺14, WTLS⁺09]. **Page-Aware** [CWL⁺15, CHLY18]. **Page-level** [LZW⁺17]. **Page-sharing-based** [LLZ⁺19]. **Pages** [GKBB15, Ano97a, JDW⁺14]. **Paging** [BGM70, GHS17, HBL⁺10, GHS16, TKG89]. **Pagoda** [YSS⁺17]. **Pallor** [RHV17]. **Palm** [MS00, SMES01]. **Palo** [ACM01b]. **Pandemic** [Cap21]. **Panel** [G⁺01, UBF⁺98, BDF⁺98]. **Papers** [DC15, KM13b, ACM90, G⁺88]. **PAPMSC** [SDD⁺16]. **para** [LC13]. **para-virtualized** [LC13]. **paradigm** [BD11]. **PARALISP** [CRZ83]. **Parallax** [hTMAC⁺08]. **Parallel** [ACM06b, Arm78, BP99, BS90, CLM24, EGR15, FZD⁺24, Fis01, HD16, HHK94, HTM⁺24, IEE93a, IM93, JFPL16, JN15, KNT02, Loy92, LCFL12, MM92, MM93, MRG17, MM94, NOT⁺17, PAC⁺22, PY93, SSN94, TVO92, WCC16b, Wat86, Wat87, Wel94, YP15, ZRZY15, ZWZ20, AS14, AGIS94, BPC94, Bir94, BL90, BFC02, BB95, CARB10, Cav93, CDM⁺10, dCCDFdO15, CRG16, CKP⁺93, DKF94, DDS⁺94, DM93, EF94, FM90, GSN93, HTAY21, Hol95, JGA⁺88, KJLY15, KSS⁺18, Kra90, Les74, LG93, McK11, MRG18, MN91, NOR15, NG13, Pou90, RH17, RSW91, She91, SL00, Taf11, WK08, YC98b, YYC⁺19, Ble89, JPTE94, YC98a]. **Parallelism** [BYZZ20, HC18, YTS14]. **Parallelization** [LYL21, vKF13]. **Parallelizing** [SSL⁺13]. **Parallels** [Tho08]. **parameter** [Kha19]. **parametric** [PULO16, UTO13]. **Paranoid** [Bau05, Bau06b, Bau06a]. **ParaSail** [Taf11]. **Paravirtual** [KMN⁺16]. **Paravirtualization** [AD11, SBQZ14]. **ParCo93** [JPTE94]. **PARD** [MSS⁺15]. **ParDMCom** [M⁺06]. **Pareto** [DS20, EB20].

PAROS [MM94]. **PARS** [CWL⁺15]. **Parser** [UOKT84]. **parsing** [Kha19].
Part [Cre09, HO92, NSC⁺22, RGSJ17, Sch94b, Sch94a, Cre08a, SS72, Zyt94a, Zyt94b]. **Part-of-Memory** [RGSJ17]. **Partial**
 [BWD⁺15, FTNY69, KLY20, LYL21, ZLL⁺20, WGF11, WWH⁺17].
partiality [Dan12]. **partially** [HH13]. **particle** [AT23]. **Partition**
 [Int06c, LLS⁺08]. **Partition-based** [LLS⁺08]. **partitioned** [Van06].
Partitioning [Bad87, Ian14]. **Partitions** [Int06b, SJRS⁺13]. **Party**
 [CRZH15]. **Pascal** [Har77, GBO87, SP83]. **Pass**
 [PYDG22, XYD⁺18, PDC⁺12, YLWH14]. **Pass-Through**
 [PYDG22, XYD⁺18, PDC⁺12, YLWH14, MLA83]. **passé** [BC10]. **Passing**
 [Fra98, GGM⁺16, DM93, TO91, UR15, XH90]. **Passthrough** [XD16, XD17].
Password [CD12]. **Past** [Sup04, Var91, BJG19, BS96, JKDC05]. **PASTE'01**
 [ACM01a]. **patches** [Ano07]. **patching** [PM19a]. **Path** [GR20, AM16].
PATHWORKS [Nou92]. **Pattern**
 [CFM17, HPP15, YDW18, ZDLG17, OK90]. **Pattern-Aware** [HPP15].
Patterns [Aln22, CL17a, ESY⁺17, PMC05]. **Paving** [FLZ⁺20]. **PaVM**
 [FZD⁺24]. **Paxos** [HMS17]. **PBS** [ZLL⁺20]. **PC**
 [ACM04a, GBO87, Mon97, Voe86]. **PCI** [YLWH14]. **PCs** [Ros99].
PCVM.ARIMA [CSSE21]. **PDB** [HHH04]. **PDCE** [M⁺06]. **PDP**
 [Gal73, GBO87, Ham76, PK75a, SP83, She02]. **PDP-10** [Gal73]. **PDP-11**
 [GBO87, Ham76, PK75a, SP83]. **PDP-11/40** [GBO87]. **PDP-11/60** [SP83].
PDP-8 [She02]. **PDS** [AAB⁺05b]. **Peak** [LTE12]. **Pedagogy** [CLKEF21].
PEMU [ZFL15]. **penguin** [Bau05, Bau06b, Bau06a, Fab13]. **Pentium**
 [RI00]. **Perceiving** [XWH⁺16]. **perception** [MW18]. **Perfctr** [NB11].
Perfctr-Xen [NB11]. **performability** [EBJ17]. **Performance**
 [ACM98, ACM04b, Ano03b, AD11, Bad82, BPM⁺22, BL90, Cal75, CFH⁺79,
 CFH⁺80, CGS06, CHW12, DLLN18, De 06, DSZ11, EDS⁺15, GE85, Gua14,
 GKBB15, HSK17, HTB19, Hor73, HB12, IEE96b, IEE06a, IN87, IBBA20,
 JR02, JK13, dCJR16, KCWH14, KS08a, KS20a, KMM13, KP15, KKS⁺19,
 KD78, LZ15, LGJZ16, LCK11, LMR18, LMG01, LCT⁺15, LXW⁺23,
 LHAP06, LTZ⁺14, MJW⁺14, MT16, MT17, MLG⁺02, MMHP17, MBK⁺92,
 NBB⁺19, NMS⁺14, Oak14, OBSR16, PZW⁺07, Pat12, PDY⁺23, PNT12,
 Raj79, RCM⁺12, RP07, RB24, SHW⁺15, SD01, SAR24, SCSL12, SDD⁺16,
 SLC20, SJA⁺17, SM92, SP22, SM02, TSN⁺23, THC⁺14, URJ18, UT87, VP16,
 Vog03, WDL⁺20, WKT08, WCC16b, WYZY24, WWL⁺17b, WZL⁺23, XLJ16,
 YC98a, You73, YWCF15, ZLSI17, ZXL⁺24, ZRZY15, ZWL⁺18, ZTA⁺21,
 ZJXL11, dGG⁺17, AKK⁺07, AAH⁺03, AA24, AGH⁺16, Ano96, AWR05].
performance
 [ASB18, BML⁺13, BDQR23, BB12, BJG19, BJ22, BBM09, BMER14,
 CBGM12, CBZ⁺16, CCW⁺20, CMP⁺07, DQR⁺13, DLL⁺16, DSSP06,
 DLH⁺20, DYL⁺12, EMS15, Fit14, FF96, GP13, G⁺01, GVI13, G⁺05, GAH⁺12,
 HKJ19, Han16, HHSG18, Hog02, HC12, HL13, KBK⁺21, KZ21, KKJL14, KL13,
 Kou11, KCV11, LBZ⁺11, LLE17, LM99, LMG00, LL14, LQD⁺18, MCC18,
 MA10, MST⁺05, MUKX06, M⁺06, MMG⁺18, MW05, NB11, OL13, PJZ⁺19,

PV08, QXH18, RHR02, RAP19, RQD⁺17, Rix08, RGS⁺20, RCTY19, SENS16, SE12, SBNU18, SP83, SEPV19, SB10, SPF⁺07, SYC14, SPAK18, TZY⁺25, TIIN09, VW08, WTL⁺16, WWH⁺17, XJW⁺18, XZK⁺20, YC98b, YZLQ14, YIR24, YQZ14, YQZ19, ZYZ⁺18, ZSR⁺05, ZSW⁺06, ZFL⁺23, ZLCZ18].
performance-aware [ZFL⁺23]. **Performance-Based** [CHW12].
Performance-directed [RP07]. **Performance-Guaranteed** [ZWL⁺18].
performance-optimized [RGS⁺20]. **performance-to-power** [DLH⁺20, KZ21, RCTY19]. **Performances** [GMGF24, KBBM15].
performing [BB08, GBCW00]. **performs** [Ven97d]. **period** [B⁺07].
Periodic [LD05]. **periodical** [YQZ14]. **Periods** [RB17]. **peripheral** [VWT13]. **Peripherals** [BG74]. **Persistence** [SCD90, PNM⁺20]. **Persistent** [GH91b, Low88, SMES01, SXH⁺19, ZCL⁺21, LM99, LMG00, MS00, PNM⁺20, LMG01]. **Personal** [Hir92, LBP⁺07]. **Perspective** [FLZ17, Han16, LCZ⁺19, RSGG15, SMP22, FP14, LDDT12, PAKY16, Wal10].
perspectives [MA10]. **Pervasive** [HHH04, BTLNBF⁺15b, HH05].
Petascale [Gei02]. **Pete** [Gal09a, Gal09b, Gal11]. **PEVM** [LMG00, LMG01].
Phantasy [RZPX19]. **phase** [JK13, SZKY21, TF16, ZL13]. **phases** [RHR02].
Phi [GGK19]. **Philosophy** [Com65]. **Phoenix** [ACM03a]. **Phosphor** [BK14]. **Phylogeny** [ASPP22]. **Physical** [BBM⁺15, PS16, WLW⁺17, AAM⁺16, PTD⁺18, XZK⁺20, YLJ22, vCPWvT11]. **physics** [GTN⁺06]. **PI** [RNS⁺23, DCA17]. **Piccolo** [CHPY17]. **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** [AAAF21, AAR22, BYZZ20, BMJ⁺22, CGC16, GLBJ18, HTM⁺24, JQWG15, KP15, KAS13, LPSS19, LKIL19, LTE12, LLWM23, LYS⁺18, LLS⁺20, LPB17, MK13, Man16, MSLY24, MZ20, PAC⁺22, PHXL19, PF23, RK24, SJ21, SHZ⁺14, WZH⁺16, WCC20, XZL⁺20, YWY⁺17, YLQL25, ZWL⁺18, ZHL16, dSdF16, AD19, ABBJ23, AHRR22a, ATZP21, BB20, CL17b, CCL⁺20, DS19, EMS15, FLL⁺13, FZS⁺20, FS19, FF22, FA21, FMIF18, FMJ15, GGQ⁺13, GH20, GHK24, GA18, HM18, HZL⁺18, HAK22, IKU15, JC18, KN18, KBDK22, KHL17, KSO⁺15, KK21, KHA22, LKR⁺19, LBZ⁺11, LZWD15, LLWW18, LZLY20, LCL⁺23a, LCL⁺23b, LPBB⁺18, MNB24, MS17, Man18, MNA16, MHM19, EYGS19, Pon19, PS23, RKT20, RWC21, RK18, RJK⁺17, SZKY21, SBI21, SM23a, SM23b, SP23, TMLL14, TSR19, THB22, TMMVL12, WHW20, XTB17, YPLZ17, YB24, ZWHC17, ZLW⁺19a, ZLL⁺16].
placement [ZWH⁺17]. **placing** [XWW⁺21]. **PLAN** [CTP⁺17]. **Plane** [GGK18, AMIA19, LRP⁺19]. **Planes** [UVL⁺13]. **PlanetFlow** [HBP06].
PlanetLab [MPF⁺06]. **Planning** [IBM72, IBM73, Hal08, MIS⁺05]. **plans** [Kal97, Lot91]. **Plant** [BYZZ20]. **Planung** [Zim05]. **Platform** [Bos24, CMK⁺16, DHPW01, DMG⁺15, Fra09, GWZ16, GPW03, HCB18, JXL⁺12, JJ02, MCE⁺02, PPS⁺18, SML18, Sun99, TCP⁺17, VGF16, WL96, Wal99, WBHN18, ZSP⁺21, AMB⁺17, BBD⁺10, DJP⁺24, CSMB15, CLM24, DCA17, Fra06, MW18, PW03, WQG15, WCC⁺16a, WLG⁺11, XZ11,

YJZ⁺²¹, YMY17, Ros99]. **platform-independent** [PW03]. **Platforms** [AMA18, ASMA21, Ano06a, AIAR⁺²⁴, BDG18, FR24, GLS15, RNS⁺²³, SN05b, Uhl06, YP15, BSL⁺¹⁸, BSD19, DPW⁺⁰⁹, GLK⁺¹², MRM06, MBBS13, NV05, SWH⁺¹³, SBP⁺¹⁷]. **Player** [Joo06, Zim06]. **Plex86** [Law00]. **Pliant** [KDB16]. **Pliant-based** [KDB16]. **plotter** [MSCK92]. **plug** [Kag09]. **plug-in** [Kag09]. **Plural** [UT87]. **pocket** [BBD⁺¹⁰, FFB⁺⁰⁰]. **POF** [DS20]. **POF-SVLM** [DS20]. **point** [XJW⁺¹⁸]. **pointers** [AT16]. **points** [TLX17]. **points-to** [TLX17]. **Policies** [CC77, KC12, NMMP15, KBDK22]. **Policy** [CTP⁺¹⁷, EMW16, JFPL16, LDRS18, SL14, JFZL17, SZKY21]. **Policy-Compliant** [LDRS18]. **Polling** [PYDG22]. **polymer** [NRS92]. **polymorphism** [PULO16, UTO13]. **pooling** [WRSvdM11, WRS⁺¹⁵]. **POPL** [ACM99]. **POPLOG** [SSG90]. **Port** [DBMI92]. **Portability** [Hir92, JR02]. **Portable** [HWB03, Ibs84a, SMK02, Ibs84b, FCG⁺⁰⁵, HK07, LTK17, AEMWC⁺¹²]. **Porting** [Caa00, JJ91, Kel06, MB98, Shi03, vdK09]. **Portland** [IEE93b, USE85]. **position** [Hin97]. **posium** [USE01c]. **Possible** [RB24]. **Post** [AGJS16, HDG09]. **Post-Copy** [AGJS16, HDG09]. **Postroom** [Osb01]. **Potential** [CLKEF21, FRD⁺⁰⁸, Got07, JK13]. **Pour** [Han73]. **Power** [AT24, AAM⁺¹⁶, CLL⁺²³, DSM14, GPM21, HSK17, KBB11, KL14, LZ15, LGJZ16, LLE17, MAK18, MV16, MJW⁺⁰⁶, PLZ20, RSNK17, RSN⁺¹⁸, SSN12, SDD⁺¹⁶, Sta07, VWT13, XDLS15, ZWL⁺¹⁸, CBGM12, CMP⁺⁰⁷, DLH⁺²⁰, EBJ17, FLL⁺¹³, HH18, HH19, IMK⁺¹³, JKK⁺¹³, JNR12, KZ21, KK21, NS07, RHZ⁺¹⁷, RCTY19, SP23, TDG⁺¹⁸, TUM18, THC⁺¹⁴, WRS13, XHL⁺¹³, YZLQ14, YLHJ14, YLCH17, YW20, A⁺⁰⁴, B⁺⁰⁵, G⁺⁰⁵, MBBS13]. **Power-Aware** [SDD⁺¹⁶, ZWL⁺¹⁸, KBB11, JNR12, RHZ⁺¹⁷]. **power-capping** [JKK⁺¹³]. **Power-Efficiency** [AT24]. **Power-efficient** [AAM⁺¹⁶, LLE17, SSN12, KK21]. **POWER5** [AAB^{+05c}]. **PowerPC** [But94]. **ppXen** [ASB18]. **Practical** [BJH⁺¹⁶, DLX⁺¹⁷, HN10, Kna93, PDY⁺²³, WLW⁺¹⁵, WBHN18, WWH⁺¹⁷, FIF⁺¹⁵, PJZ⁺¹⁹, SNV10, TC10, Wün13]. **Practice** [Bec09, Cre08b, Lar09, SHB⁺⁰³]. **Practices** [MO98]. **Praxis** [Bec09]. **Praxisbuch** [Lar09]. **Praxisführer** [Bor01]. **Pre** [LUL⁺⁰⁵, HBNK24]. **pre-copy** [HBNK24]. **Pre-virtualization** [LUL⁺⁰⁵]. **Precedence** [EGR15]. **Precedence-Constrained** [EGR15]. **Precise** [LJFS17, BHSB14, CCW⁺²⁰, TLX17]. **Precision** [ADM98, BKMM87, KKS⁺¹⁹, ZXG⁺²⁴]. **preconditioned** [MM92]. **Predicate** [UOKT84]. **predicates** [JKDC05]. **Predictable** [KR18, LTE12, XLJ16, LTK17, HK07]. **predicting** [WQG15]. **Prediction** [EVCL21, FFM⁺²³, HM20, LWC⁺¹⁷, MB15, ZDLG17, ZFH⁺²², ADA⁺¹⁹, AA24, BKT⁺¹⁹, CEG07, CCW⁺²⁰, EYG21, EG03, HBNK24, HLBZ20, KJM⁺⁰⁷, KCV11, PTD⁺¹⁸, RGAT18, Raj79, SOKE23, SSN94, WCZ⁺²³]. **Prediction-based** [HM20, EYG21]. **Predictions** [BFM⁺²¹]. **predictive** [CSSE21, XCJ⁺¹⁴]. **Predictor** [BSMF08]. **Preemptable** [OL13]. **Preempted** [OLZ16]. **preempting** [SJB14]. **preemption** [YQZ14].

Preemptive [PG17, PG18, YXL⁺20]. **Preferences** [AAAF21]. **Preferred** [Par72]. **prefetch** [KW13]. **Prefetching** [RZPX19]. **Preliminary** [HW93]. **prep** [IIPB09]. **PreScheme** [Ram93]. **Presence** [KBK⁺21, CFG⁺13, CJJ⁺22]. **Present** [Var91, JKDC05, Yur02]. **presented** [ACM90]. **Preservation** [JE12, BB08]. **preserve** [STFH15]. **Preserving** [BS96, DNR06]. **Presidio** [Str05]. **pretenuing** [BOF17]. **Prevent** [KLY20, SYB12]. **Preventing** [DL19b, Kip21, WLCS17, PRB07]. **prevention** [MA17]. **previous** [STFH15]. **Price** [FFM⁺23, WHC16]. **Pricing** [SAJ24, ADA⁺19, DEG⁺17, TXD⁺24]. **Primary** [PP16]. **Primitive** [LCWB⁺11, BMWB86, Pou90]. **PRIMITIVES** [Ble89]. **Princeton** [FS11]. **principled** [WSAJ13]. **Principles** [ACM75, ACM99, ACM03b, Gol73c, Juo07, PJZ18, SHW⁺15, Vra05, SS72]. **Prioritized** [FBM⁺21]. **priority** [OKAM17]. **Privacy** [IEE84a, IEE90a, IEE91, WLL⁺13]. **Private** [GMGF24, HWR⁺24, HW12, MMHP17, SCC⁺23, Nie12, SYMA17, TUM18, WH08, ZLW⁺19a, Fro13]. **Privileged** [MPF⁺06]. **Pro** [SRS09, Fra06, Fra09, Wil06]. **Proactive** [MZ20, WB16, BKT⁺19, CFRSSR19, IRB19, KU24]. **Proactively** [GKBB15]. **probabilistic** [PKS⁺19]. **probability** [LYYY18]. **Problem** [AAR22, BL17, BFG⁺14, GWZ16, Man15a, GLW23, LY23, MM92, EYGS19, SL00, XA22]. **Problems** [GR20]. **Procedures** [LSX⁺24]. **Proceedings** [ACM96, ACM97, ACM99, ACM04b, ACM05b, ACM06a, ACM06b, Ano99b, 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, ETAB22, HPHV17, MZG14, RB01, SC17, Tho93, AC95, LZWD15, EYGS19, PAKY16, PTD⁺18, XCJ⁺14, YIR24]. **process-aware** [XCJ⁺14]. **Processes** [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91]. **Processing** [ASPP22, DKW15, GLL⁺21, Loy92, MMdE19, NTL⁺24, VLZL16, DH01, EF94, GSN93, IM93, KHL17, KWZ⁺19, LKY⁺17, LRP⁺19, LMDP19, LG93, MMG⁺18, WWT89, Wün13, ZDK⁺19, ZGL⁺17]. **Processing-in-Memory** [NTL⁺24]. **Processor** [ISE08, NSL⁺06, RWX⁺12, SKJ⁺17, BKR20, IIK⁺06, LRC05, VdIFCC97, WDSW01, WLL⁺13, WJGA12]. **Processor-Interconnect** [SKJ⁺17]. **Processors** [DSM14, Gei02, MT16, MT17, MBK⁺92, PDL⁺23, PNT12, RTL⁺18, KKC⁺16, MN03]. **product** [IBM88, Int88, SV17]. **production** [SL00]. **Products** [Ano03a, Ano03b, Ano05]. **Professional** [vH08, IIPB09, Ham07, Khn09]. **professionellen** [Zim05]. **Profile** [WKJ20, AWR05, WKJ17]. **Profiler** [SH04, VL00]. **Profiles** [Int05b]. **Profiling** [LV99, Sun95a, YWW⁺15, DSZ11, NK10, SSB⁺14a, STY⁺14, TZK17, TSN⁺23, THC⁺14, YZLQ14].

Profiling-Based [YWW⁺15]. **Profit** [BYBYT16, MLXG19, ZHW⁺17, LWLL16]. **Profit-Maximizing** [BYBYT16]. **Profitability** [WUK⁺18]. **Program** [ACM01a, Com65, Cre65, FTNY69, Han05, HB08, MSG01, SZ88, ABDD⁺91, BPB86, Olb78, She02, WGF11]. **Programm** [Mar08]. **Programmability** [EMW16]. **Programmable** [Bos24, DCG12, DMS02, FS11, Ken80, Kov19, 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, CPM⁺18, Ham76, Jou85, Kag09, ME87, MRG18, RSW91, SMO84, Tai98, AS85a]. **Programming-in-the-small** [DK75]. **programs** [FS12, Kam83, NMMP15, Wel94, CK06b, CK06e, CRG16, DKF94, EGD03, GMR93, IM75, Kee68, Wak99, Wol99]. **Progress** [ZRD⁺15, ZHCB15]. **project** [AAB⁺05a, CKP78, Lot91, RD90]. **projects** [AL05]. **PROLOG** [Clo85, Ode87, War80]. **Promenade** [CFL19]. **Prometheus** [ACG18]. **Promoting** [ACA16, WLW⁺17]. **Proof** [FC98, LLZ18, Arv02, FP14, FCG⁺05, ZLH⁺15]. **proof-carrying** [FCG⁺05]. **Propagation** [AD11]. **Properties** [BN75, BSD19]. **property** [VT14]. **Proportionally** [CFL19]. **Proposal** [EVCL21]. **proposed** [GH91b]. **Prospects** [PCB⁺18]. **Prospero** [Neu92]. **protect** [ZBP07]. **Protected** [BPP⁺17, Cof99, GHD12]. **Protecting** [LMJ07, WTM18, WLL⁺13]. **Protection** [VMW⁺19, CD12, CDD13, SS75, CGL⁺08a, CGL⁺08b, CGL⁺08c, CBFH20, JCZZ13, PK75b, TSLBYF08, WJGA12]. **Protectit** [KSLA08]. **Protocol** [GKXK13, MN91]. **protocols** [DM93, RSLAGCLB16]. **Prototype** [Sim92]. **Prototyping** [SXXM⁺18]. **Provably** [GNDB16, ZLG⁺20]. **provenance** [RG19]. **Proverb** [Fer11]. **Provers** [Hir17]. **Provide** [ESY⁺17, WJ10]. **Provider** [LPSS19, MP16, CFRSSR19]. **providers** [EdPG⁺10, SG10a, TMMVL12]. **Providerwahl** [Joo06]. **Providing** [BDS⁺09, Bos24, HC18, Isl19, KHW⁺16, KKH14, KGZ⁺04]. **Proving** [BW03, IM75]. **Provision** [LGXC23, WZH⁺16, WN17]. **provisioner** [JNR12]. **Provisioning** [BSSS14, BCW20, ELC⁺19, HJG18, LCT⁺15, LWC⁺17, LLZ18, NMG15, NSJ12, SC18, SZW⁺16, SXCL14, XLJ16, ZLW⁺14, ZRS⁺16, CSSS11, CFVP12, FGG14, GSKJ18, KBB11, MHS21, PPO14, SJB14, VOS12]. **proxies** [Eug06, STFH15]. **Prune** [BYZZ20]. **PS3** [Sta07]. **pSeries** [Mly09]. **pseudo** [ABDD⁺91]. **pseudo-random** [ABDD⁺91]. **PSO** [AT23, LW12]. **PSO-Based** [LW12]. **Pthreads** [RMB02]. **Public** [MB20, OG16, SDS⁺21, WUNK17, WUK⁺18, FBZS12, PKS⁺19, ZLV⁺12, ZBS⁺15]. **publications** [Mat10]. **Publisher** [LCL⁺23a]. **Purpose** [GFB⁺92, ZDS⁺22]. **Purposes** [BHI15, BSL⁺18, WDSW01, WO75]. **Putting** [LPSS19]. **PV** [Ano15]. **pyramid** [MJ93].

Q [AJBJ23, Che21]. **Q-Learning** [Che21, AJBJ23]. **QEMU** [WR07, WR08, CK06a, CK06b, CK06c, CK06d, CK06g, CK06f,

CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s, Bar06, CJK⁺12, MZG14, WR07, WR08, vdK09, CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06j, CK06k, CK06m, CK06l, CK06n, CK06q, CK06t, CK06r, CK06s, Deu08].

QEMU-KVM [CJK⁺12]. **QM** [Fli77]. **QM-1** [Fli77]. **QoE** [KS18a]. **QoS** [FAA17b, BAC15, DXM⁺17, FAA17a, HLPY16, KN18, KCY22, KP15, LCL14, LWL16, LYGG20, PS23, WZH⁺16, XZL⁺20]. **QoS-Aware** [WZH⁺16, XZL⁺20, KN18, LWL16]. **QoS-Oriented** [LYGG20].

QoS-Satisfied [KCY22]. **qualitative** [ALW15]. **Quality** [BB13, MHS21, SV13, VOS12, WKJ20, CMG⁺19, LYY⁺20, NZH20, TDD20, WKJ17, XXWG23]. **quality-aware** [LYY⁺20]. **quality-of-service** [NZH20]. **quantify** [BKH⁺06]. **quantify** [TZK17, TDG⁺18]. **Quantifying** [FFB⁺00, PJZ⁺19]. **Quantitative** [YZW⁺13]. **Quantization** [ZXG⁺24].

Quantum [NLD⁺23, CLM24]. **Quelle** [LC09a]. **Quemu** [CK06o]. **Query** [WK90, KHL17]. **querying** [CKRJ17]. **queuing** [Pon19]. **Quick** [NOT⁺17]. **QuickDedup** [SSG⁺20]. **QUICKTALK** [BMWB86]. **QUIS** [CKRJ17].

R [Fro13, KMMV14, Vit14, Wün13]. **R2** [Bod10, KS10, Apr09, Bod10, Car14, Gal09b]. **Raccoon** [ZWFX17]. **race** [HHPV15]. **races** [DKF94, PRB07, WCG14, XXZ13]. **Racket** [FDD⁺19, KFF12]. **Radio** [AAJD⁺16, SKT⁺19, YI24, LJR12]. **RAID** [SPAK18]. **railway** [FP14]. **Rain** [HS19]. **RAM** [GGJ⁺92]. **RAN** [AIAR⁺24, YIR24]. **Random** [CFLL19, ABDD⁺91, Fer11]. **randomized** [JGA⁺88, KFF12]. **randomness** [RY10]. **range** [HP77]. **ranking** [RAP19, SS19]. **ranking-based** [RAP19]. **Rapid** [But94, GMK17]. **rapidly** [BSM⁺12]. **Raspberry** [RNS⁺23, DCA17]. **Rate** [CFLL19]. **Ratio** [WDL⁺20, DLH⁺20, KZ21, RCTY19]. **RBPSO** [WGY20]. **rCUDA** [CPM⁺18, PRS16, PS19b, RSC⁺15, SIRP17]. **RDMA** [PST⁺15a]. **RDMA-capable** [PST⁺15a]. **Re** [MKM⁺08]. **Re-engineering** [MKM⁺08]. **reachability** [KY16]. **reaction** [KK21]. **Reactive** [DSM⁺18, Kol19, NMMP15]. **Read** [MJW⁺14]. **Read-Performance** [MJW⁺14]. **Real** [AAR22, AE01, BE17, Ben21, CW03, CRX24, Cla97, FXHY21, GPM21, HcC14, JAD19, JYM⁺23, KR18, LSSC22, LXL⁺22, LD05, Mac79, Mat09, NL19, PPG⁺17, QCM⁺24, QT06, Ran20, Sta97, SCA⁺24, Swa06, ABB19a, AS76, ABC⁺07, BCC⁺15, HK07, Ive03, KBB11, LTK17, NBS18, Nie12, PTD⁺18, RK18, SBNU18, TZY⁺25, WQG15, YCL⁺19, ZEdIP13]. **Real-Time** [CW03, CRX24, FXHY21, GPM21, JAD19, JYM⁺23, KR18, LSSC22, LXL⁺22, NL19, PPG⁺17, Sta97, HcC14, LD05, QCM⁺24, QT06, SCA⁺24, ABB19a, AS76, ABC⁺07, HK07, Ive03, KBB11, LTK17, NBS18, PTD⁺18, SBNU18, TZY⁺25, WQG15, YCL⁺19, ZEdIP13]. **Real-World** [AAR22, Ben21]. **Realism** [DSSP06]. **realistic** [CKP⁺93]. **Reality** [BG20, FBGS24, CB07]. **Realization** [SJMG24]. **Realizing** [UT87, Syr07]. **Reallocation** [LWZ⁺18, BY20]. **RealNetworks** [Ano03a]. **Reap** [HPHV17].

reasonable [KJ13]. **reassignment** [STMV18]. **rebalancing** [LZLY20].
Rebuilding [FDD⁺19]. **RECAP** [Ben21]. **Receives** [War11].
Rechenzentrum [See08a]. **Rechenzentrens** [Mar08]. **recipes** [Car14].
Reclamation [Bad82]. **recognition** [KKM⁺13, OK90]. **Recommendation**
 [XLL⁺20, PAKY16]. **Recompilation** [THL03]. **Reconciling**
 [KPHA20, ABG14]. **Reconfigurable**
 [BHI15, IBBA20, KGS16, SML18, STY⁺14, UVL⁺13, ZL18a, FX06, HH13].
Reconfiguration [MKZ⁺25, MDGS98, QLL⁺21, ZWZ20, JES⁺15, LJR12].
Reconsidered [Sta07]. **reconstructed** [AD18a]. **Reconstruction**
 [ASPP22, 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]. **Recurrent** [LCZ⁺19].
Recursion [War80]. **Recursive** [BN75, LW73, FHL⁺96]. **Red** [G⁺06].
Redefining [CGS06]. **RedHat** [Gal11]. **redirecting** [JYW⁺13].
Redirection [FL13a, LYS⁺18]. **redistribution** [KNHH18]. **reduce**
 [FLL⁺13, GPS⁺18, LLZ⁺19, RJK16]. **reduced** [VED07]. **Reducing**
 [ELC⁺19, HPHS04, Hu90, HS06, KSS24, KY16, LBZ⁺11, MV16, PLMA18,
 SC18, ZLZ⁺19a, ZLW⁺19a, KJM⁺07, MA21, MA24]. **Reduction**
 [JJK⁺11, Wat86, Wat87, ZHL16, HCJ07, LJYZ15, TDG⁺18]. **Redundancy**
 [Tay76, WTJR22, GLV⁺10]. **redundant** [KJJ⁺16, ZWH⁺17]. **Reference**
 [Ano03a, CRZ83, Hal79, HPP15, LC09a, XWX⁺17, YTY00]. **Referenz**
 [LC09a]. **Reflection** [FPS⁺02, ORPS09]. **Reflections** [MLA83]. **Reflective**
 [CGMD19]. **region** [HLW⁺13, LXRS19, YC16, vKF13]. **region-based**
 [YC16, vKF13]. **Register** [CK87]. **registers** [SCEG08]. **Regular**
 [Cox07, Cox09, Cox10, Cox12, KP99, Tho68]. **Regularity** [DPCL22].
Regularity-Based [DPCL22]. **reification** [RRB17]. **Reincarnation**
 [Ros04]. **REINFORCE** [KLR⁺20]. **Reinforcement**
 [HTM⁺24, HPS22, MSC⁺21, GHK24, Par25, QBL⁺23, WZZ⁺20].
Reinventing [Hof20]. **Rejuvenation**
 [SAT09, AMA⁺14, CRX24, MNT14, TUM18]. **Relation** [KLLT18].
Relational [WK90]. **Relationship** [Mal73]. **Release**
 [IBM73, IBM94, IBM96]. **Releases** [Ano03a, Ano03b]. **relevant** [NP13].
Reliability [BCG73a, BCG73b, ESY⁺17, FZS⁺20, HXZ⁺16, XH16, MD74].
Reliability-aware [FZS⁺20]. **Reliable** [PEC⁺14, THB06, YWY⁺17, Car14,
 SHR19a, SHR19b, SPSL25, Van06, WQG15, WXW15]. **Reliably** [TCP⁺17].
relocation [KJLY15, MR23]. **Remaining** [XLWX19]. **remapping**
 [AS14, LJL12]. **Remote** [FLM⁺08, JKB15, JHS12, KBC21, KMN⁺16, Bor07,
 CPM⁺18, CMGI⁺23, GCARPC⁺01, RSC⁺15, RS16, SIRP17, SWW⁺18].
Remoting [MGL⁺17, SM23b]. **remoting-based** [SM23b]. **removal**
 [WGF11]. **Remus** [dSOK17]. **RemusDB** [MRC⁺13]. **Renaissance**
 [FDF05]. **Rendezvous** [SM92]. **renewable** [KTB17]. **Renewal** [WN17].
ReNIC [DCP⁺12]. **Reno** [ACM89]. **rental** [FBZS12]. **Repair** [SEK⁺19].
repeatability [Vit14]. **Replacement** [GHD12, WBHN18, LH13, uRQS20].

Replay

[BJH⁺16, JKB15, KM13a, KM13b, RTL⁺18, SCFP00, CLG⁺10, WXZ⁺17].

Replaying [WKG17]. **Replica** [GLBJ18]. **Replication**

[CWL⁺15, LJL⁺11, DCP⁺12, KJJ⁺16, LMV12, dSOK17]. **replications**

[CBJ22]. **reply** [DM76]. **Report** [Ano01a, Ano02, Ano04a, CBLFD12, FDD⁺19, Int06c, Int06a, PBAM17, Pul91]. **repository** [AWR05, GKP⁺19].

representation [IT86]. **representations** [dCJR16]. **reproducibility**

[Vit14]. **Reproducible** [MB20, Boe15]. **reproducing** [PTM⁺15]. **Request**

[LYS⁺18]. **Requests** [MLXG19]. **Requirement** [YWR⁺14]. **Requirements**

[AP22, Gol71a, LCMV17, PG74, SCC⁺23, BG20, PG73]. **ReRanz**

[WWL⁺17a]. **Research**

[AP22, AEA⁺23, AAB⁺05a, Ano00, Ano01a, Ano01b, Ano02, Ano04a,

Ano04b, Boa90, CLKEF21, Cre65, DMS02, IEE90a, IEE91, Kim84, Ten17,

USE01c, USE01d, USE02, ARA20b, ARA20a, AGH⁺15a, ADWM18, BJG19,

Boe15, CBLFD12, Gol74, Her10, SVN⁺10, Vit14, ZJRW19, HMS17]. **ReSeer**

[WXZ⁺17]. **Reservation** [HC18, ZWC⁺19]. **reservations** [THG⁺18].

reserved [DEG⁺17]. **reserving** [YLJ22]. **reset** [RY10]. **Reshaping** [BHI15].

Resident [WK90, LF19]. **Residual** [AT24, AT23]. **Resilience**

[NTR18, OMB⁺15]. **Resiliency** [KLR⁺20]. **Resilient**

[CFB24, VS19, BGS13, OMB⁺15, TDG⁺18]. **Resistant** [THB22]. **resistive**

[JAC⁺19]. **resolution** [GE85]. **resolving** [ZWC⁺14]. **Resource**

[AJ18, AAMBE21, AIAR⁺24, BKT⁺19, BBMA91, BL17, CMK⁺16, ECET18,

EVCL21, FDF05, GWZ16, GLS15, GA18, HC17, HO22, JZY⁺22, JSHM15,

KCY22, LZWC13, LCT⁺15, LCFL12, MSS91, MBA⁺12, MVMHL24, PFPJ18,

RG17, SJB14, SC17, SC18, SZW⁺16, SXCL14, SCA⁺24, Sur01, WIS⁺15,

XSC13, YSS⁺17, ZQCZ16, ZLG⁺20, ATS16, AS14, BSOK⁺20, Car06,

CEPR22, CMP⁺13, EdPG⁺10, Fu10, GPR23, HZZ⁺14, HH19, JWH⁺15,

JC18, KF18, LC09b, LYYY18, LLZ⁺19, LLS14, MR23, MB21, MS01, Mly09,

NBS18, PKS⁺19, RGAT18, SBNU18, SGV13, SGV12, SOKE23, TV18,

VSMC23, VVB13, Wal02, WDCL08, WGY20, WB16, WSVY09, YGLY21,

ZWC⁺19, ZB18]. **Resource-aware** [GA18, PFPJ18, SGV12].

resource-constrained [TV18]. **resource-efficient** [VSMC23].

Resource-Latency [BL17]. **Resources** [CRZH15, ELC⁺19, HLPY16,

KGS16, MK13, NHL22, PCC⁺16, RK24, SDS⁺21, ZB20, HMH17, HKJ19,

KHL17, LTZ⁺14, OKAM17, PSZ⁺07, TZK17, WRSvdM11, WRS⁺15, ZBP07].

Resourcing [MSS⁺15]. **Resourcing-on-Demand** [MSS⁺15]. **Responding**

[BSM⁺12]. **Response** [BE17, WZKP19, MA21, MA24]. **Responsibility**

[GKXK13]. **ReSQoV** [KCY22]. **Ressource** [Mar08]. **restart**

[BBHL08, EBLM22]. **Restoration** [AAC⁺17, BS96, XWX⁺17]. **Restoring**

[EGJS15]. **Results** [HW93, Man15b]. **Resurrecting** [AKCP21].

Retargetable [GFH82, Fra83, GHF83a, GHF83b, WNL⁺83]. **Rethink**

[WRX11, XJWW15]. **Rethinking** [Ott18, PBWH⁺12, RGSJ17, WCSG05].

Retraction [KSS⁺23, MA24]. **retrofitting** [CGL⁺08a, CGL⁺08b, CGL⁺08c].

Retrospect [GLC84]. **Return** [SYB12, Ven97c]. **Return-Oriented**

[SYB12]. **returned** [BBS06]. **Returning** [PSBG11a, PSBG11b]. **reuse** [LU04]. **Reverse** [SDS⁺21]. **Review** [AP22, AEA⁺23, Ano97a, BDF19, BDG18, DCM22, Fro13, MBK24, Ng01a, Ng01b, QCM⁺24, ARA18, ARA20a, AGH⁺15a, BJG19, BJ20, KHA22, MB21, MA17, Van98, ZJRW19, Mat10, ARA20b]. **Reviewer** [Ano03b]. **Reviewers** [Ano06b]. **Reviews** [Ano03b]. **Revised** [Ram93]. **Revisited** [SCD90]. **Revisiting** [AJH12, CL16b, HMS17, IBBA20, IYAK23, Ran20, WWWL13]. **revolution** [McK11]. **Reward** [BL17, NMC18b, NMC18a]. **Rewriting** [WMUW19, XWX⁺17]. **RF** [FF22]. **RHEL** [P⁺08]. **rich** [RSLAGCLB16]. **Ridge** [SVN⁺10]. **Right** [NBK16, HUL06]. **rigor** [Vit14]. **Rigorous** [KJ13, Man15b]. **RISC** [ABDD⁺91, BSUH87, DK23, MTJ⁺22, SMP22, SVM⁺23]. **RISC-V** [DK23, MTJ⁺22, SMP22, SVM⁺23]. **Risk** [HZL⁺18, ZZW22, PMP23]. **Risk-aware** [HZL⁺18]. **risks** [Bel06]. **RNN** [Par25]. **roadside** [YBZ⁺15]. **Rob** [Bas04, Bas06]. **Robinhood** [PWJ16]. **Robot** [Arm78]. **Robust** [CCML12, LSPP⁺23, PFNC20, SGV12, YZSC17]. **robustness** [SS19]. **Rochester** [Mar81]. **Rockefeller** [IEE90b]. **role** [GLA⁺08]. **Rollback** [CHPY17]. **Rome** [BW03]. **Rose** [Ano03b]. **Rosenblum** [War11]. **Roundtable** [Cre10b, Sta97, Cre08a, Cre08b, Cre09, Cre10a]. **route** [YPLZ17]. **router** [AM16]. **Router** [GWZ16]. **routers** [GP13]. **Routing** [EMAL17, ELC⁺19, FXHY21, FD08, GR20, HLP⁺16, MSLY24, NGRF19, YWY⁺17, FLL⁺13, FS19, FSH⁺13, LWL16, SJRS⁺13, XWW⁺21, YLTF20]. **RPC** [CSS⁺13, KLY20]. **RPC-based** [KLY20]. **RPython** [MRG17]. **RTLSim** [YYP01]. **RTOS** [JK17]. **rule** [HTAY21, Pul91]. **Rules** [Kov19, CFRSSR19]. **rules-based** [CFRSSR19]. **Run** [Bad87, ACT94, AWR05, CGM17, Com00]. **Run-Time** [Bad87, ACT94, CGM17]. **Running** [Bad87, MDD⁺08, NL19, GMR93, KGS16, SLC20, SZ88]. **runs** [FIF⁺15]. **Runtime** [GSS⁺18, Kam83, KP15, MB98, NMMP15, ST24, Shi03, XLWX19, HL24, KNHH18, ORPS09, RVJ⁺01, STY⁺14]. **Runtimes** [HD16, Han05, CSV15, GK05, PBAM17, WWH⁺17]. **Rust** [Kol19].

S [M⁺06, Ber86]. **S-GRACE** [M⁺06]. **S.u.S.E** [KGG00]. **S/370** [Ber86]. **S2H** [YJZ⁺21]. **SableSpMT** [PV06]. **Safe** [BHI15, RSF⁺15, SKI⁺17, VVC⁺17, CFS⁺12, CLDA07, MSZ09, TV18]. **Safety** [BSI⁺15, LSPP⁺23, MTFK19, CDO24, HM01, MSG01]. **safety-critical** [CDO24]. **Sagamore** [ACM03b]. **Sampling** [Lee16, THB22]. **sampling-based** [THB22]. **San** [ACM99, ACM06a, Ano04b, Ano10, IEE93a, USE99, USE01b, USE02]. **sandboxed** [MK23]. **Sandboxing** [GG11]. **Sandpiper** [WSVY09]. **SANs** [ZSXZ07]. **Santa** [ACM00]. **Sapphire** [URJ18]. **Satellite** [QLL⁺21, CFVP12, SSN94]. **Satellite-Terrestrial** [QLL⁺21]. **Satisfaction** [LVM16]. **Satisfaction-Oriented** [LVM16]. **Satisfied** [KCY22]. **SAVE** [GKJ⁺19]. **saving** [YLCH17, YW20, YLJ22]. **SC'11** [LCK11]. **SC2003**

[ACM03a]. **SCADA** [ADWM18]. **Scala** [AT16, SMSB11, Sub08]. **Scalability** [KMK16, QNC07, TCP⁺17, VP16, ZXL⁺24, AH24, BFS⁺18, JB24]. **Scalable** [ASPP22, CL17b, DSM⁺18, FBL18, HYK⁺23, HJ10, HPS22, JAD19, KCY22, Kol19, KLK⁺22, Li14, RSN⁺18, SD01, SADP21, SWL⁺23, UVL⁺13, XML⁺18, ZL18a, ZSP⁺21, DS18, HLW⁺10, HTAY21, HPS23, LKR⁺19, SJJ⁺12, SPF⁺07, SG10b, Uhl07]. **Scalar** [NTL⁺24]. **Scale** [CZX⁺19, HC17, PHL⁺12, RIP18, RJS⁺18, SLM89, XDLS15, ZLW⁺14, ZTA⁺21, FPGK18, LPD⁺11, MSG⁺12, SZ13, WWT89, WCG21, YZSC17]. **scaled** [KNHH18]. **ScaleTrust** [HYK⁺23]. **Scaling** [CBJ22, CFC⁺24, HC17, JWL⁺18, JDJ⁺06, LW20, PBL⁺16, TCP⁺17, AB16, SBNU18, SSEA18, TSCB19, TCTH23, XLQL18, AMAB17]. **Scaling-Aware** [HC17, AMAB17]. **SCAN** [Ble89]. **Scenarios** [MTFK19, SADP21, KCV11, Sch13a]. **Scenes** [Cra98]. **Schedulability** [NL19]. **Scheduler** [AGC18, IYAK23, ASB18, KCS14, RAP19, SWH⁺13]. **schedules** [LC14]. **Scheduling** [AT24, ARAAA19, AD18b, BE17, Car23, EB20, EGR15, FML⁺22, HSN17b, JJK⁺11, KDB16, LMM18, LGJ⁺18, LD05, LWW16, LC13, PG17, PG18, RB17, SGK⁺23, TTH⁺19, VS19, WDL⁺20, WYZY24, WWT89, WCG21, ZWFX17, ZQCZ16, ZLW18, ABB19a, AT23, ATZP21, BC10, CRX24, CCL⁺20, CLL⁺23, CCW⁺20, DEE⁺16, DQLW15, DXM⁺17, DCMW17, DS22, GSG22, HKS19, JGW⁺11, KS18b, KKJ⁺13, KNHH18, KCV11, LFHS23, MMTM22, NAR19, PC21, RWC21, RZ14, RHZ⁺17, SS13, SHLJ13, SSN12, Sto07, TMLL14, THG⁺18, VVB13, WQG15, WCC⁺16a, XCJ⁺14, XLWZ18, XZK⁺20, XXWG23, YPLZ17, YXL⁺20, YWGH13, YQZ14, YQZ19, Yu20, ZSR⁺05, ZXB⁺24, ZB18, MA21, MA24]. **schema** [SI81]. **Scheme** [AJ18, AMA18, KAZS14, RSN⁺18, SHZ⁺14, YWR⁺14, KK21, KJLY15, LJYZ15, SM23a, XCJ⁺14, YPLZ17, YQZ14, YQZ19, FM90, FDD⁺19, KR94]. **Schemes** [Do11, LSSC22, MNA16, YIR24, YWGH13]. **Schloss** [IEE01]. **School** [BGP00]. **Science** [ACM06d, BR01, DG05, SGV12]. **Sciences** [Shr89, MS91b]. **Scientific** [AD18b, Bad87, RB17, CSMB15, dCCDFdO15, EB20, MPM⁺20, WCG21]. **Scientists** [THLK10]. **scraping** [DAdBM⁺24]. **Screening** [LP14]. **Scripting** [MJW⁺06]. **SD** [KKK⁺18]. **SDDSfL** [CLLS12]. **SDN** [Pap20, ASL⁺20, BDF19, HTB19, HTB22, LLY⁺18, SDM21, SB18, SP22, VVC⁺17, WYZAD20]. **SDN&NFV** [ABB⁺19b]. **SDN-based** [WYZAD20]. **SDN-Enabled** [HTB22, HTB19]. **SDN-NFV** [SP22]. **SDNs** [ALW15, BG20]. **SDWN** [AFG⁺17]. **SDWSN** [AHKC23]. **SDWSN-Based** [AHKC23]. **SE** [LYBB14]. **Seamless** [Hir92, TDG⁺06, XWJX15, BADM06, DS20]. **Search** [Cox12, MNS⁺14, VG20, CWdO⁺06, KMT14, LY23, SBI21, Tho68, WXZ⁺17]. **search-based** [WXZ⁺17]. **Seattle** [ACM05c, ACM06b, LCK11, Ost94]. **Sebastopol** [Ano97a]. **sEc** [SMK02]. **SECD** [Abr82, AS85a, AS85b]. **SECD-M** [Abr82, AS85a, AS85b]. **Second** [ACM06f, IEE93a, Shr89]. **SecondSite** [RCOW12]. **Secure**

[AD19, AVNR19, AMH⁺16, CCML12, CLDA07, ETAB22, HYK⁺23, JSHM15, JAS⁺15, LJR12, LP11, PEC⁺14, QZDJ16, RC18, RI00, RSGG15, SOAK23, THB06, TtLcC13, WF07, YML⁺18, vD00, BDS⁺09, GNDB16, GNK24, HKD⁺13, ISE08, LLX⁺17, Str05, SL12, TLBW12, ZXB⁺24, ZBP05].

Secured [TMV12, WCC16c]. **Securing** [Sar01, Hal08, Hal09, PDM20].

Security [AKK⁺07, Ano93, AEB19, Att79, Att73, BDG18, De 06, ESY⁺17, FJKK17, GW07, GMGF24, HHSG18, HB17, IEE84a, IEE90a, IEE91, IEE05, JE12, KZB⁺90, KS08a, KS08b, LWLL10, NMMP15, PM19b, PvDS08, Pfo13, Rob12, SJV⁺05, SM90, SABL20, SEF⁺06, Ste05, TMV12, TV12, USE00b, VN08, WHD⁺09, WTM18, XKKL23, ZL16, ZL18b, ZYH⁺19, Ano07, BTMS10, Bau05, Bau06b, Bau06a, Bel06, BCP⁺08, Bor07, BBS06, CCMY07, CBFH20, EM06, FA21, Hal09, HMS04, IIK⁺06, LLW⁺12, MD73, MD74, Mat09, MKM⁺08, MA17, PG11, PZH13, PBB13, Sch13b, SDN09, VT14, WHSE15, YSM⁺21, vCPWvT11, DTW07]. **security-aware** [FA21].

Security-focused [BDG18]. **security-oriented** [IIK⁺06]. *see* [Yur02].

SEED [DTW07]. **Segment** [ELC⁺19]. **Segmentation** [LYY⁺24]. **seinen** [KGG00]. **seL4** [DK23]. **Selecting** [GSKJ18, NBK16]. **selection** [AHRR22b, HM20, JK13, LZWC13, LLWW18, MCJ19, NNK21, ZB18].

Selective [WZW⁺11]. **Self** [BHI15, BRX13, HHW10, JC18, dOL12, SEPV19, XCSM18, BKT⁺19, CBLFD12, GK05, GKJ⁺19, KKB14, NNK21, OK90].

Self-Adaption [BHI15]. **Self-Adaptive** [XCSM18, JC18, SEPV19, BKT⁺19, GKJ⁺19, KKB14]. **Self-Configuration** [BRX13]. **Self-Healing** [BHI15, GK05]. **self-hosted** [CBLFD12].

Self-management [dOL12]. **self-optimizing** [NNK21]. **Semantic** [Das91, DGLZ⁺11, FL13a, GKP⁺19, ST24, SBBP20, AD18a].

Semantic-centric [SBBP20]. **Semantics** [Gol71b, WIDP12, Dan12, EdPG⁺10, Siv04, Wal76, ZHCB15]. **Semi** [SEK⁺19, MSZ09]. **semi-automatic** [MSZ09]. **Semi-Autonomic** [SEK⁺19].

Sensing [SML18]. **sensitive** [DK17, KSLA08, LCL14, MMTM22, ZBP07]. **sensitivity** [HB13, TZK17]. **Sensor** [BSI⁺15, LC02, MAK07]. **sensors** [ALL06]. **Separation** [KF91, LSPP⁺23, WLMD16, LWM14]. **September** [ACM81, ACM04a, ACM05a, ACM06c, ACM06b, Ano93, BW03, GHH⁺93, Jou85, JPTE94]. **Sequence** [ARAAA19, EDS⁺15]. **sequential** [Clo85].

Serialization [BP01, BP03]. **Series** [Kee77, KAH83]. **Server** [ARA18, Ano03a, Apr09, BE17, Bod10, Car06, CGS06, Do11, HSK17, Joo09, KSS09, KS10, KLLT18, LZ15, Lar09, LC09b, LC09a, LXZ⁺21, Mar08, MAK18, MG08, MG09, PZW⁺07, RWX⁺12, R⁺02, SWC08, WN17, ZHW⁺17, Zim05, Zim06, ARA20b, ARA20a, A⁺04, AGH⁺15b, AT23, BKR20, B⁺07, DBC⁺00, EBJ17, Hal08, IMK⁺13, KF18, LC14, LLWW18, LLS⁺08, LL14, LDDT12, MNT14, MRM06, NTH⁺17, NMC18b, NMC18a, R⁺13, RPE12, Wal02, WDT18, YZW⁺13, AAH⁺03, Ano03a, B⁺07, D⁺04, Ham07, Lar09, MWHH05, OH05, R⁺06, Rul07, R⁺02]. **Serverless** [FR24, KSS24, MK23, NRdA⁺20]. **Servern** [Mar08]. **Servers** [DSM14, JJK⁺11, KAZS14, SDD⁺16, SKJ⁺17, WLW⁺17, A⁺04, BJ22,

BBHL08, G⁺⁰⁵, Hal08, JDJ⁺⁰⁶, JB24, Mly09, SZ13, YLJ22]. **Service** [AP22, AAMBE21, BB13, BCW20, BFG⁺¹⁴, Bos24, DKW15, DPCA11, EMAL17, ESY⁺¹⁷, FBM⁺²¹, FR24, FFM⁺²³, GR20, GGK18, HS21, HW12, HJG18, HPHV17, JWL⁺¹⁸, KBK⁺²¹, LP14, LGXC23, LZY⁺²⁴, LGZ⁺¹⁹, LLW⁺¹⁶, LYL21, LW20, MP16, MSC⁺²¹, PHXL19, QLL⁺²¹, RSNK17, RSGG15, SAM14, WVT⁺¹⁷, WCC20, WHD⁺¹⁶, XZL⁺²⁰, ZLG⁺²⁰, ZLZ^{+21b}, ZWC⁺²³, BSM⁺¹², BSOK⁺²⁰, CMG⁺¹⁹, CHCC07, CFRSSR19, DS18, DXM⁺¹⁷, EdPG⁺¹⁰, ECAE13, EMI13, Fro13, GHM⁺¹⁸, HKJ19, KKB14, KS20b, LZWC13, MCJ19, MDZ⁺²¹, MHS21, NZH20, PAKY16, PFNC20, RCOW12, SHB19, SZ13, TDD20, TSCB19, VOS12, WB16, XXWG23, YCL⁺¹⁹, YXL⁺²⁰]. **service-aware** [TDD20]. **Service-Based** [LP14]. **Service-centric** [AAMBE21]. **service-chaining** [GHM⁺¹⁸]. **Service-Oriented** [HW12, MP16, RSGG15, Fro13]. **Serviceability** [RB01]. **Services** [BFHW75, IEE06b, KA24, KCY22, KLR⁺²⁰, MSS⁺¹⁵, MLXG19, WZH⁺¹⁶, WC01, Wid01, ZLW18, BDS⁺⁰⁹, HBP06, KBB11, KSLA08, LKR⁺¹⁹, LTZ⁺¹⁴, ZEdIP13]. **Set** [AC98, EL98, NKY⁺¹⁸, ZDLG17]. **sets** [HW15]. **setter** [YJZ⁺²¹]. **setups** [RPE12]. **several** [FGG14]. **SFC** [FXHY21, SJMG24]. **SFCs** [LGS⁺²³]. **SFT** [LGS⁺²³]. **SFT-Box** [LGS⁺²³]. **SGAM** [ZLH⁺¹⁵]. **SGX** [VMW⁺¹⁹, KBC21, NBB⁺¹⁹]. **Shadow** [WLW⁺¹⁵, GHS16]. **ShadowReboot** [YK13]. **Shadows** [TDMP23]. **share** [DSS19, KNHH18]. **Shared** [Bro89, CH08, Cro93, KR18, Low88, RLZ⁺¹⁶, RKRK17, SLM89, SV13, SNC91, SNS03, ZLSI17, CFS⁺¹², JGSE13, PW03, TZK17, WWS89, WDCL08, ZWXX17]. **Shared-Memory** [Cro93, RLZ⁺¹⁶, SLM89, WWS89]. **shared-source** [PW03]. **Sharing** [AGC18, ACA16, BFHW75, Cre65, CDN02, LYGG20, Mad69, MS70, PTM⁺¹⁵, RG17, SAR24, SAB⁺⁰⁷, XML⁺¹⁸, ZZG⁺²³, ZHH⁺²⁴, GGK19, LLZ⁺¹⁹, LLS14, LTZ⁺¹⁴, OKAM17, TtLeC13, WTLS⁺⁰⁹]. **Sharing-Aware** [RG17]. **shell** [FL13b]. **Shift** [ARAAA19]. **shock** [BG20]. **Shoot4U** [OLZ16]. **Short** [HW15, KKC⁺¹⁶, SOKE23]. **Short-circuit** [KKC⁺¹⁶]. **short-term** [SOKE23]. **shortest** [AM16]. **shot** [JK15]. **Should** [NBB⁺¹⁹]. **Shoulders** [FS12]. **Showcase** [USE00a]. **showdown** [SCEG08]. **Shredder** [AMH⁺¹⁶]. **Shredding** [AMH⁺¹⁶]. **Shrink** [LWB13]. **Shrink-Fit** [LWB13]. **Shrinking** [Ste14]. **shuffling** [ZWC⁺¹⁴]. **Shuttle** [cCWS14]. **Sibling** [OG16]. **side** [LF19]. **side-channel** [LF19]. **SIGACT** [ACM99]. **SIGCOMM** [RM03]. **SIGCSE** [ACM06d]. **SIGMETRICS** [ACM81]. **Signal** [MBK⁺⁹²]. **SIGOPS** [ACM04a]. **SIGPLAN** [ACM01a, ACM99]. **SIGPLAN-SIGACT** [ACM99]. **SIGSOFT** [ACM01a]. **SigVM** [ZBS⁺²²]. **Silent** [AMH⁺¹⁶]. **Silicon** [ZL18a]. **Silicon-Monona** [ZL18a]. **SILLIAC** [Gre10]. **Sim** [Skr01]. **SIMD** [PSBG11a, PSBG11b, PBR⁺⁹⁰, Sig89]. **Simics** [Ano14a, MCE⁺⁰²]. **similarities** [CL14, CL17b]. **similarity** [GVI13, LLF⁺¹⁸, LLWW18]. **Simple** [Bak83, Cox07, NOR15, WDT18]. **Simplicity** [BGP00, DSSP06]. **simplification** [FS08]. **Simplified** [Beg12, ZZW⁺²¹, PSC⁺⁰⁷]. **simplifying** [Cla05]. **simulated** [GE85, RH17, WDSW01]. **Simulating** [Ben21, HO92, NLD⁺²³, Pou90, RPE12, TO91, ZR06, FPGK18, Skr01, WC91].

Simulation

[ADG⁺92, AB16, DBMI92, JN15, KD78, Kut92, MCE⁺02, MBK⁺92, MJ93, PBR⁺90, PY93, SXXM⁺18, Tur92, WB81, WWMG06, YP15, Ano94, BHvR05, Bur02, BS96, Clo85, DSSP06, IMBB20, IM93, KK79, LJV⁺00, NRS92, RMB02, SK13b, SHB19, UBL⁺82, WWS89, YVC⁺19, ZSRR22].

Simulations [LCT⁺15, BL90, CLM24, DH01]. **Simulator** [Ben21, CK96, CRZ83, Dun86, FTNY69, PCR89, Ber86, BR01, CMP⁺07, DC15, GBO87, Hog02, KW80, MRL02, YYP01, Ano14a]. **Simulators** [NMHS15, Sup04, Man18, Yur02]. **Simultaneous** [LRZ16, ABB⁺15, FS19].

Singapore [Ano06a, TLC06]. **Single** [CCO⁺05, KP15, AGIS94, Fis91, KNHH18, LSS04, Mon97]. **single-chip** [Mon97]. **Single-Computer** [CCO⁺05]. **single-ISA** [KNHH18]. **single-node** [LSS04]. **single/multigrid** [AGIS94]. **site** [CPST15, SSB⁺14a]. **situ** [CKRJ17]. **Sixth** [ACM05a, TLC06]. **Size** [Lam75, NKY⁺18, HPHS04, UTO13]. **Sized** [JJ02]. **sizes** [GPS⁺18, HM18].

Sizing [LWB13, VTW16, CSV15, WSAJ13]. **Skip** [WBHN18]. **Skype** [Joo06]. **SLA** [AB16, EdPG⁺10, GTGB14, KB21, KKB14, RT18, SS22, ZHL16]. **SLA-based** [AB16, GTGB14, KKB14]. **SLA-driven** [EdPG⁺10]. **SLA-guaranteed** [KB21]. **sledgehammer** [LU04]. **Slice** [EMI13, KPHA20, ZLZ21a]. **Slicing** [AAT⁺22]. **Slicing-assigned** [AAT⁺22]. **Slim** [Abr80]. **Slimming** [WGF11]. **SLO** [GCL⁺21, HC18, LJFS17]. **SLO-Aware** [GCL⁺21]. **Sloop** [DZ02]. **Small** [JJ02, SSB03, AH24, 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** [AHKC23, AEA⁺23, Ano03b, CCW⁺20, FZD⁺24, GPM21, NAR19, NHL22, RHV17, GLV99, MPA⁺18, Rou07, WTLS⁺09, ZBS⁺22]. **SmartFVM** [KLK⁺22]. **Smartphone** [DAH⁺12]. **SMIL** [Bru07]. **SMILEmu** [Bru07]. **SMOK** [DZ02]. **Smoot** [Fro13]. **Smooth** [DL89]. **smoothed** [CL14]. **SMP** [CL16a, KKJ⁺13, RZ14]. **SnapFiner** [CHLY18]. **SNAPS** [RG19]. **Snapshot** [CHLY18, RG19]. **Snapshots** [CWL⁺15, DS16]. **Snowbird** [ACM01a]. **SnowFlock** [LCWB⁺11]. **SOAR** [SUH86]. **SOC** [LVM16]. **social** [BTLNBF⁺15b, LWLL16]. **Society** [IEE90a, IEE91]. **Soft** [Ano03a, LXL⁺22, XH16]. **Software** [AFG⁺17, Ano94, Ano03a, Ano03b, AE01, AMA⁺14, BCG73a, BCG73b, CL17a, CPKL17, CLKEF21, CGMD19, CMK⁺16, DBMI92, DL89, EDS⁺15, FXHY21, FML⁺22, HO22, Hsu01, IGBKR19, JMSLM92, JN15, KP99, Kna93, KAJW93, LH16, LTT92, LLW⁺16, LXZ⁺21, LZM⁺20, MZD⁺18, MBK24, MP16, NVV⁺24, Ost94, Ott18, PJZ18, Pap20, Par79, PBR⁺90, Sof83, SM06, SLW⁺24, SN23, SMA18, Shr89, SAT09, SB18, SKT⁺19, Sta07, SCL⁺19, Tho93, TBS17, Win71, YWH⁺21, YYL⁺15, ZKWH17, vdK09, ACM01a, AA06, ALW15, AAB⁺05b, AC95, BD11, CBGM12, CRX24, CFG⁺13, DS19,

FP14, Guz01, HHSG18, HH13, HP77, LJR12, LWL16, MNT14, PMP23, PV06, Sam22, SV17, TK20, WZW⁺¹¹, XJW⁺¹⁸, YJZY12, ZWKX17, ZLZ13, ZHCB15, CK06q, CK06t, CK06r, CK06s]. **Software-Based** [LZM⁺²⁰].

Software-Defined
[AFG⁺¹⁷, CL17a, CMK⁺¹⁶, FML⁺²², JN15, LLW⁺¹⁶, LXZ⁺²¹, MP16, SB18, TBS17, YWH⁺²¹, ZKWH17, ALW15, HHSG18, LJR12, TK20, XJW⁺¹⁸].

Software-Driven [NVV⁺²⁴]. **Softwarization** [CM18, Mon22]. **Softwarized** [EVCL21]. **Solaris** [VSC⁺¹⁰, WF03, Gal11, HDM08, See10]. **Solid** [SYC14]. **Solid-State** [SYC14]. **Solution** [CHW12, CXLX15, Coh10, DMG⁺¹⁵, Gua14, KDB16, PYDG22, XYD⁺¹⁸, BKT⁺¹⁹, DSS19, MPA⁺¹⁸]. **Solutions** [HN10, PM19b, SL16, ATS16, AGIS94, EMI13, PZH13]. **Solve** [Cap21, MTFK19]. **solver** [TB14]. **solver-aided** [TB14]. **solvers** [GCARPC⁺⁰¹]. **Solving** [AAR22, XA22]. **Some** [Ker88, Par71, Man15b].

Sorrento [M⁺⁰⁶]. **Sorting** [BGM70]. **SOSP** [ACM03b, Vra05]. **soul** [McM11]. **sound** [BHSB14]. **soundness** [Req03]. **SOUP** [ZFH⁺²²]. **Source** [Ano03a, GMGF24, LLWM23, SJV⁺⁰⁵, SNS03, AAB^{+05a}, But94, CKRJ17, Cia07, JM08, LC09a, PW03, SIK⁺¹⁶]. **source-level** [But94]. **sous** [Apr09].

Sova [YWH⁺²¹]. **SP** [IBM94]. **SP2** [Boz89]. **Space** [PGP19, SVM⁺²³, XML⁺¹⁸, Kha19, PEL11, PG11, Web10, WXW15].

space-efficient [PEL11]. **spaces** [GH91a]. **SPAN** [RD90]. **spares** [CRX24].

Sparks [VN08]. **sparse** [Kra90]. **sparse-matrix** [Kra90]. **Spatially** [HW93].

Spatio [ZZG⁺²³]. **Spatio-Temporal** [ZZG⁺²³]. **SPC** [JYW⁺¹³].

SPC-indexed [JYW⁺¹³]. **speaking** [Sam22]. **Special** [Bag76, Cre65, KM13b, TZB19, WYZAD20, Yur02]. **Specialized** [BDK⁺⁰⁸, ZZW⁺²¹, PGLG12, Yur02]. **Specific** [HHV⁺⁰², WIDP12, ZZW22, JKDC05, ZS01]. **Specification** [Coh97, DMS02, LY97b, LY99, LYBB13a, LYBB13b, LYBB14, LS15, II79, Qia99, Sun95b, SUN97, JCV99, Taf11]. **SPECjvm98** [LJN⁺⁰⁰].

Speculation [AC16]. **Speculative** [ZLL⁺²⁰, GI12, PV06]. **Speed** [KKS⁺¹⁹, GGJ⁺⁹², LRP⁺¹⁹, RPE12, UTO13]. **SPEED08** [VW08].

speedup [JB24]. **spherical** [Hol95]. **Spielesammlung** [CK06q, CK06t, CK06r, CK06s]. **Spin** [CWS12, WCS06]. **Spinlocks** [KMK16, OL13]. **Spinning** [IYAK23]. **SPIRE** [JYW⁺¹³]. **Split** [HWHW18, SIJPP11]. **spoofing** [SDN09]. **Sporadic** [BE17]. **Spot** [TVKB16, VS19]. **Spotless** [MS00, SMES01]. **Spotlighting** [Ano06a]. **Spots** [WBB⁺¹⁶]. **Sprache** [Dalxx, Dal97]. **Spreading** [CLW⁺¹⁴]. **square** [DG05].

squeak [Guz01]. **SqueakJS** [FIF⁺¹⁵]. **SR** [AT23, DYL⁺¹², DCP⁺¹², HB12, XD16, XD17, YWCF15]. **SR-IOV** [DYL⁺¹², DCP⁺¹², HB12, XD16, XD17, YWCF15]. **SR-PSO** [AT23].

SRAM [NTL⁺²⁴]. **SRVM** [XD16]. **SSDs** [HC18]. **St** [IEE06a]. **St.** [ACM97]. **Stable** [XRL⁺²²]. **Stack** [AE01, Cia07, HB12, NSC⁺²², Ran02, SSOT17, WH99, WBHN18, KRCH14, LH13, WW77, SCEG08]. **Stack-Based** [Ran02, KRCH14]. **Stackdb** [JHE14]. **stage** [CLG⁺¹⁰]. **Standard** [DPCL22, MR04, RSF03, WKG17, Ano94, Rus08]. **Standards**

[Mar81, SG10a]. **standards-based** [SG10a]. **Stanford** [IEE96a, IEE97, IEE99]. **start** [KSS24, KMT14]. **Startup** [HS06]. **Starvation** [KLY20, AH24]. **State** [BDG18, CFC⁺24, LHW⁺20, LJL⁺11, SGB⁺16, SYC14, Sur01, TV12, AEB19, MPA⁺18, RI25, Sch13b, Sig89, Ven99b, Web10]. **State-Based** [TV12]. **State-of-the-art** [BDG18]. **stateful** [XHW⁺19]. **Stateless** [VDO14]. **States** [SBK15, IMK⁺13, MC98, STFH15]. **Static** [JM08, YC16]. **statistical** [KF18]. **Stealing** [PWJ16]. **STEP** [BDE⁺03]. **Stephen** [Fro13]. **Sticky** [KC12]. **STM** [Sub11]. **Stochastic** [CCL⁺20, FX06, FK13, GR15, SDD⁺16, HKS19, NMC18b, NMC18a, YLTF20]. **stock** [VGL23]. **Stop** [LWB⁺15]. **StopWatch** [LGR14]. **Storage** [ACM04b, Att79, Bad82, BDT13, CC77, Cla05, ETAB22, FFBG08, FKZ17, GSW⁺17, KCWH14, KHW⁺16, KLK⁺22, LCK11, LJFS17, MJW⁺14, PPTH72, PP16, PYYG21, RB24, Rou07, SSOT17, VW08, ZSW⁺06, ZLL⁺20, ZTA⁺21, BN89, CCL⁺17, FLCB10, HJ10, HPC04, JGSE13, LKY⁺17, PFH⁺16, Pat12, TLBW12, XJWW15, YLK⁺10, ZLZ⁺19b, ZLLL13]. **Storages** [TF16]. **Store** [Low88]. **Storing** [CWL⁺15]. **Storms** [SB16]. **Story** [Arm98]. **strange** [Fab13]. **Strategies** [YLN⁺17, BDT13, FGG14, GHK24, GHM⁺18, LLS14, PFH⁺16, TKG89, YI24]. **Strategy** [BMJ⁺22, LLZ18, XCSM18, ZB20, DKF94, HKS19, KS18a, LPZ⁺22, MW18, THB22, WSX⁺19, Won97, YWH⁺23, ZLZ15, ZLH⁺15, ZLCZ18]. **Strategy-Proof** [LLZ18, ZLH⁺15]. **Stream** [MMdE19, MV16, LMDP19, ZDK⁺19]. **Streaming** [MSC⁺21, BMER14, RSLAGCLB16, SIK⁺16]. **Streams** [MM93]. **Strengthen** [GPM21]. **stress** [MC98]. **String** [HOKO14, YDW18]. **Striping** [DK93]. **Stripped** [JJ91]. **Stripped-Down** [JJ91]. **Strong** [ZZW⁺21, ZHCB15]. **structural** [ORPS09]. **Structure** [Com65, LHW⁺20, MDFS72, SS72, ZFY18, ZLZ⁺19b]. **Structured** [Das91, Gai75, CFS⁺12, IM75, Syr07]. **Structures** [AGLM91]. **student** [CKP78]. **studies** [vCPWvT11]. **Studio** [Ano03b]. **Study** [BBM⁺15, LMR18, LSSC22, LJL⁺15, PXG⁺17, PK75a, ZAI⁺16, CMG⁺19, CDO24, HIIG16, HL13, KW13, MFT⁺19, EYGS19, Pul91, RHR02, RK18, SM79, SASG13, Sig89]. **Sub** [GGM⁺16]. **Sub-System** [GGM⁺16]. **Subroutines** [HT98, Qia99]. **Subset** [SUN97, Req03]. **substrate** [OKAM17]. **Subsystem** [HH79, Ste14]. **Suffix** [HWHW18]. **Sugar** [YML⁺18]. **Suitable** [Vog03, GSKJ18]. **Suite** [DHPW01, WZT19, DTW07, GPW03, SMSB11]. **summaries** [BA19]. **Summary** [CFH⁺79]. **Summer** [HMS17, Sof83, USE85, USE86]. **Sun** [Gal09a, Gal09b, Gal11]. **Superblock** [KS13]. **Supercloud** [SJS⁺17]. **Supercomputer** [MBK⁺92, LPD⁺11, XH90]. **Supercomputing** [ACM89, ACM96, ACM00, ACM04b, ACM05c, Hir92, IEE90b, IEE92, IEE93b]. **Superconcurrent** [NRS92]. **superoptimization** [HW15]. **superscalar** [VdIFCC97]. **supertype** [RRB17]. **Supplement** [McC74]. **Support**

[BP01, DJ77, HHV⁺⁰², HD16, HB12, KYP⁺¹⁷, LV99, MSI18, NSL⁺⁰⁶, NLPV12, RI00, SCC⁺²³, SSG90, Tur92, XD16, ZL18a, dGG⁺¹⁷, AC95, BADM06, BTLNBF^{+15b}, BP03, CHCC07, CFS⁺¹², DJ76, EBLM22, GK05, NBS18, Olb78, ORPS09, PGLG12, RK18, SJRS⁺¹³, STFH15, SL12, TY14, THL03, WK08, WCS06, WLL⁺¹³]. **Supporting** [BMS16, CWS12, Kim84, Kov19, MSS⁺¹⁵, Mon97, RT93, XWJX15, YWCF15, ZZFO6, BTLNBF^{+15a}, GD08, TT93]. **Supports** [Ano03a]. **surgery** [PBL⁺¹⁶]. **Survey** [ASL⁺²⁰, AAAF21, BAL15, FLZ⁺²⁰, Gol74, HSN17b, KKL16, KL14, KK19, LXW⁺²³, Mal72, Man15a, PM19b, PS16, PS19a, QTR21, SB16, SGB⁺¹⁶, UOKT84, VV18, WMUW19, AGH^{+15b}, CB10, DS19, FMIF18, HKB19, MG13, MHS21, NIA18, PBB13, XTB17, YWL⁺¹⁸]. **Surveyor** [Fra83, GHF83a, GHF83b, WNL⁺⁸³]. **Survivability** [NHL22, YZW⁺¹³]. **Survivable** [ACA16, AM16]. **SUSE** [Bau06b]. **Sustainability** [FBL18, SS17]. **Sustainable** [GB19]. **SVGrid** [ZBP05]. **SVLM** [DS20]. **SVM** [JAS⁺¹⁵]. **SVS** [LJZ12]. **SW** [DCG12, Wu13]. **swap** [KB21]. **Swapper** [ZLSI17, ATS14]. **Swapping** [CC77, ABG14]. **Swarm** [PS23, AT23, BRS⁺²², JNR12, KSS⁺²⁰, KSS⁺²³]. **Sweet** [WBB⁺¹⁶]. **Swift** [NOT⁺¹⁷]. **Swiper** [CRZH15]. **switch** [BR01, Ste14]. **switches** [YGLY21]. **Switching** [DMG⁺¹⁵, LBL16, YLJ22]. **Sy** [USE01c]. **Sydney** [MR91, Gre10]. **symbiotic** [LD11]. **symbolic** [MMP⁺¹², TB14]. **SymCall** [LD11]. **Symmetric** [DBO⁺¹⁸, 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** [BC19, LJL⁺¹¹, ZHH⁺²⁴, ZJXL11, Sub11, Uhl07, Ven97d, YQZ19]. **synchronized** [KS18b]. **Synchronous** [SIR⁺¹⁷]. **synergy** [BRS18]. **syntax** [KMMV14]. **Synthesis** [DMS02, BPB86]. **Syracuse** [IEE96b]. **Sys** [Mur69]. **System** [ACM75, Abr80, ABCC66, Ano10, AAK18, Bad82, BFHW75, BBD⁺⁹¹, BPP⁺¹⁷, BH73, BYBYT16, Ben21, BJPS73, BGS89, B⁺⁰⁵, Car13, CSS⁺¹³, CZX⁺¹⁹, Cre65, CWL⁺¹⁵, CHPY17, CHLY18, DMR10, DM75, Fis01, GGM⁺¹⁶, G⁺⁰⁶, GH91b, HXZ⁺¹⁶, HW93, HHC⁺¹⁶, HWCH16, IBM76a, IN87, JAD19, Kam83, Kee77, KP15, Kut92, LP14, Li14, LCZ⁺¹⁹, LXQ24, LCFL12, LXM⁺¹⁶, MCE⁺⁰², Mar73, Mat10, MNN05, MS70, MDGS98, MB98, MS91b, MM94, NSHW10, Neu92, NMS⁺¹⁴, P⁺⁰⁸, PHXL19, PDY⁺²³, QTR21, R⁺⁰⁶, RHV17, ST24, Sch86, SLM89, SVN⁺¹⁰, Shi03, Shr89, SJA⁺¹⁷, SWF16, Ste05, WLW⁺¹⁵, WK90, ZCJ⁺²¹, ZSXZ07, ZQCZ16, ZLL⁺²⁰, ZZFO6, ZXY⁺¹⁵, ZZW22, AD18a, AEMWC⁺¹², AL05, AH12, ACT94, AP18, Bar78, BSD19, Bor07, Bur02, Caa00, CWH⁺¹⁴, CK06b, CK06e, CKP78, CBFH20, DHD20, DCA17, FFBG08]. **system** [Fis91, Fli77, GGQ⁺¹³, HN08, HKD⁺¹³, HC12, Hui18, IBM88, Int88, KB21, KCKC15, KK79, LJN⁺⁰⁰, Lia05, LLX⁺¹⁷, LMDP19, LDL⁺⁰⁸, MR23, MD73, MD74, MDFS72, NMC18b, NMC18a, PRB07, PK75b, RG19, Rob06, RI25, SNV10, SPF⁺⁰⁷, SJL20, SWW⁺¹⁸, SZ13, SS72, STY⁺¹⁴, TC10, Vag10,

Van06, VMBM12, VSC⁺¹⁰, WKT08, WH08, WWT89, WHSE15, WF07, WC91, YLCH17, YZSC17, ADG⁺⁹², ABDD⁺⁹¹, Car14, Gum83, HTAY21, IBM76a, SNC91]. **System-level** [SVN⁺¹⁰, AL05, BSD19, WHSE15]. **System/370** [IBM76a, Gum83, IBM76a]. **System/6000** [ABDD⁺⁹¹]. **System/9000** [ADG⁺⁹²]. **Systemarchitektur** [See08a]. **Systematic** [BDF19, DCM22, MBK24, QCM⁺²⁴, ARA18, ARA20b, ARA20a, BJG19, BJ20, KHA22, NK22, ZJRW19]. **Systeme** [WF03]. **Systèmes** [Han73]. **Systems** [ACM81, ACM03b, AAT⁺²², Ano99b, BBMA91, BHI15, BDG18, BG74, CD12, CC77, CAF⁺⁹¹, Das91, DJ77, Fie68, Gol69, Gol71a, Gol73c, Han73, HHS18, Her10, HBL⁺¹⁰, IEE93a, IEE01, JAD19, JYM⁺²³, KSVR23, Lar09, LW11, LJZ12, Mad69, MM93, MJW⁺¹⁴, MKZ⁺²⁵, MKKE12, NBB⁺¹⁹, NL19, PC24, PPG⁺¹⁷, QCM⁺²⁴, RT93, SMP22, SL14, SS75, Say66, SVB93, SL16, SAR24, SN05b, THB06, TCTH23, USE99, USE01b, Vra05, WN17, WLMD16, Win71, YVCB17, YVCB18, ZHH⁺²⁴, ZD18, ZTA⁺²¹, AJH12, ALW15, AT16, Ano93, AAB^{+05c}, BKT⁺¹⁹, BSOK⁺²⁰, BSSM08, CRX24, CCZ⁺⁰⁶, CGL^{+08a}, CGL^{+08b}, CGL^{+08c}, CK06a, CP17b, CDO24, Com00, CGV10, CLDA07, Dav04, Don87, DJ76, DCMW17, EBJ17, FP14, FLCB10, GHH⁺⁹³, GK05, Ham76, HKN22, HH13, JSK⁺¹³, Kee68, KCS14, Kou11, KS20b, LLE17, LWM14, LZWD15]. **systems** [LCL14, LTK17, MRC⁺¹³, MA17, NS07, NV05, PSC⁺⁰⁷, RVJ⁺⁰¹, RKT20, RHZ⁺¹⁷, RJK16, Ros06, RGS⁺²⁰, SJB14, SK13b, SSMGD10, SJJ⁺¹², Sto07, Syr07, TMJ⁺²¹, TT93, THC⁺¹⁴, Vac06, Vit14, WR07, WKC⁺⁰⁹, XZK⁺²⁰, YK13, DPCL22]. **Systemverwaltung** [Lar09].

T [CZX⁺¹⁹]. **T-Gaming** [CZX⁺¹⁹]. **Tables** [MT16, MT17, WLW⁺¹⁵]. **tackle** [Sub08]. **tactics** [OG16]. **Tail** [ASSB18, WZKP19, War80]. **Tailor** [PDL⁺²³]. **Tailor-made** [PDL⁺²³]. **Taipei** [SS05]. **Taiwan** [SS05]. **Take** [Kis08]. **Taking** [Uhl06]. **talk** [Piz17]. **Taming** [CZL08, HHPV15]. **Tan** [Fro13]. **Tape** [DK93]. **Target** [GC00, FCG⁺⁰⁵, TMV25]. **Targeting** [CDG97]. **Targets** [Sta07]. **Task** [ARAAA19, DS22, KMM13, LWW16, PCC⁺¹⁶, RRB19, SGK⁺²³, YLQL25, ATZP21, LFHS23, MMTM22, ZB18]. **Task-Based** [SGK⁺²³]. **Task-Driven** [YLQL25]. **Tasking** [MB98, Shi03, JDJ⁺⁰⁶]. **Tasks** [KGS16, VS19, YSS⁺¹⁷, ABB19a, FGG14, KLY20, YQZ14]. **Taxonomy** [Car23, FLZ⁺²⁰, GB19, SGB⁺¹⁶, SB18, ZXR⁺²², AGH^{+15a}, HKB19]. **TCAM** [HWHW18]. **TCAM-Based** [HWHW18]. **TCB** [HCJ07, HPHS04]. **TCP** [CL16b, GKXK13, GI12]. **TD** [WBW⁺¹⁹]. **TDX** [COV⁺²⁴]. **teach** [Don88]. **Teaching** [Ågr99, Dav04, Don87, GGG03, ME87, Guz01, Ham76, KW80, MS01, NV05, WKC⁺⁰⁹, YYP01]. **teasing** [LBF12]. **Technical** [ACM06d, Ano06b, Han16, OH05, USE01a, USE06, BB08, Int06c, Int06a, LC09a, Wal10, ZMD⁺²¹]. **Techniken** [Tho08]. **Technique** [JHS12, JMSLM92, LTT92, SMK02, SGK⁺²³, WMUW19, ACT94, FAA17a, FAA17b, GNK24, KLY20, KU24, PS23, SLA⁺¹⁶, XHL⁺¹³, YKS16]. **Techniques** [ACM06b, ASL⁺²⁰, BDG18, BCG73b, BG74, KK19, LJJ⁺¹⁵,

NKY⁺¹⁸, OVI⁺¹², QTR21, SMA18, SidLB15, Tho68, UOKT84, VV18, ZZF06, AD18a, ARA18, AA06, AH12, AA24, BADM06, CMGI⁺²³, HSC15, IM93, KS13, KRG⁺¹², SSN12, SHTE11, TSCB19, VGL23]. **technische** [LC09a]. **technologie** [Apr09]. **Technologies** [AEA⁺²³, DF96, FR24, LCMV17, PZW⁺⁰⁷, RC18, SABL20, USE99, USE01b, AMIA19, Cla05, Kao17, MPA⁺¹⁸]. **Technology** [Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Cap21, DLM⁺⁰⁶, Don06, ELC⁺¹⁹, Got07, Her06, LYY⁺²⁴, RG05, USE01c, USE01d, USE02, UNR⁺⁰⁵, VSMC23, WHD⁺⁰⁹, XKKL23, ZAI⁺¹⁶, Apr09, BKR20, GNK24, Int05a, Int05b, Int06b, Int06c, Int06a, Str05, AJM⁺⁰⁶, NSL⁺⁰⁶, NKK⁺⁰⁶, RSW⁺⁰⁶, Uhl06]. **Tele** [HMS04]. **Tele-lab** [HMS04]. **telehealth** [WQG15]. **template** [WRX11]. **Temporal** [CDO24, CWdO⁺⁰⁶, ZZG⁺²³, WBW⁺¹⁹]. **temporal-difference** [WBW⁺¹⁹]. **Ten** [Mur69]. **Ten-Sys** [Mur69]. **Tenancy** [DY17]. **Tenant** [LCZ⁺¹⁹, SWW⁺¹⁸, YKS16, ZRZY15]. **Tensor** [NLD⁺²³]. **term** [SOKE23]. **terminal** [CKT08]. **terminals** [IIK⁺⁰⁶, ISE08]. **Terra** [BSI⁺¹⁵]. **Terrestrial** [QLL⁺²¹]. **TerrierTail** [ASSB18]. **Tesseract** [ABG14]. **Test** [Kol19, LPSS19, MMHP17, NL19, SM06, ABDD⁺⁹¹, IIPB09, LLS⁺¹²]. **Testbed** [AHKC23, HLW⁺¹⁰, ZGW⁺⁰⁶]. **testbeds** [ACM06c, ADWM18]. **Testboard** [Kut92]. **Testing** [Ame13, CQLL18, DKF94, GFB⁺⁹², HLP⁺¹⁶, Kao17, KLF⁺¹⁵, MMP⁺¹², Ost94, SAM14, VS06, BD11, CSS⁺¹⁶, CGC⁺²⁴, FCD09, FRM⁺²⁴, KFF12, SCFP00]. **Texas** [ACM75, ACM06d, USE01b, IEE02, IEE03]. **Theia** [BA23]. **their** [EF94, KCV11, SS13]. **Them** [HPHV17]. **Theorem** [Hir17, SSH17, BW03]. **theoretic** [NS17]. **theoretic-based** [NS17]. **Theoretical** [Kna93]. **Theory** [ZZW22, LWCZ22, WSAJ13]. **Thermal** [LCL^{+23b}, AJBJ23, CLL⁺²³, IRB19, KR16, LCL^{+23a}]. **Thermal-aware** [LCL^{+23b}, AJBJ23, CLL⁺²³, IRB19, LCL^{+23a}]. **Thermostat** [AW17]. **Things** [Gal09a, Gal09b, Gal11, ASL⁺²⁰, AAMBE21, CMG⁺¹⁹, FR24, KB21, PTD⁺¹⁸, SXH⁺¹⁹, WSX⁺¹⁹]. **Third** [Ano04b, CRZH15, PG74, PG73]. **Third-Party** [CRZH15]. **Thoth** [KB17]. **thousand** [SK13b]. **thousand-core** [SK13b]. **Thread** [GCL⁺²¹, MP01, BKC⁺¹³, Ven97d]. **threaded** [FGG14, HC17, SE12, tTR82]. **threads** [UR15]. **Threat** [Ahn22, SL16, YYY⁺²³, LMDP19, PST15b]. **Threats** [ZYH⁺¹⁹, PZH13, vCPWvT11]. **Three** [YYP01, Vit14, YZW⁺¹³, ZFY18]. **three-layer** [ZFY18]. **threshold** [SENS16, TDG⁺¹⁸]. **threshold-based** [SENS16]. **Thresholds** [TCTH23, XCSM18]. **Throughput** [BPP⁺¹⁷, BCW20, GKXK13, PYYG21, GI12, ZSW⁺⁰⁶]. **Throughput-Oriented** [PYYG21]. **Thunderbird** [Joo06]. **ticket** [OL13]. **Tier** [KSVR23, LH15, WZKP19, XZL⁺²⁰, WDCL08, ZNSL14]. **Tiered** [GGK18, SLW⁺²⁴, AW17]. **Tiered-Memory** [SLW⁺²⁴]. **Tightly** [ZXG⁺²⁴]. **Time** [Bad87, BE17, CW03, CRX24, Cre65, FXHY21, FML⁺²², Fuj91, GLL⁺²¹, GPM21, Hu90, HWB03, HS06, JAD19, JYM⁺²³, KR18, KPHA20, LTE12, LWC⁺¹⁷, LSSC22, LXL⁺²², Mad69, MS70, NL19, PPG⁺¹⁷, Sta97, WZKP19, ABB19a, AS76, AMIA19, ACT94, ABC⁺⁰⁷, BBS06, CGM17,

DEE⁺¹⁶, HK07, HcC14, Ive03, KJ13, KBB11, LD05, LTK17, MNT14, MMTM22, MA21, MA24, NBS18, PTD⁺¹⁸, QCM⁺²⁴, QT06, RAT17, SBNU18, She91, Ste14, SCA⁺²⁴, TSLBYF08, TZY⁺²⁵, TMV25, WQG15, YK13, YCL⁺¹⁹, YIR24, ZEdIP13, ZGL⁺¹⁷. **time-based** [TMV25]. **Time-Constrained** [LTE12]. **time-sensitive** [MMTM22]. **Time-Sharing** [Cre65, Mad69, MS70]. **timebombs** [CWdO⁺⁰⁶]. **Times** [ELC⁺¹⁹, PLMA18]. **Timing** [Hu90, HWB03, KKS⁺¹⁹, LGR14]. **tiny** [LC02]. **TLB** [OLZ16, RGSJ17]. **TM** [Qia99]. **Tolerance** [JKJ⁺¹⁰, RZPX19, ZJXL11, RCOW12, SM23a, XXWG23, YLH14]. **Tolerant** [FK03, Kim84, YWR⁺¹⁴, SNV10, YI24]. **Tool** [Ano03b, Wil01, KK79, Lia05, Ska07, Skr01, SCFP00]. **toolkit** [ACG18, DZ02, PW03]. **Tools** [AC98, BDG18, Cal75, GG11, LC09a, MJW⁺⁰⁶, PY93, QNC07, ACM01a, EL98, YYP01]. **Toolset** [Ott18, PTD⁺¹⁸]. **Top** [COV⁺²⁴, KMT14, PBWH⁺¹², Won97]. **Top-Down** [COV⁺²⁴]. **topic** [YZSC17]. **Topics** [IEE01]. **topological** [KKM⁺¹³]. **Topology** [CYX⁺¹⁷, TB17, dSdF16, AM16, PST15b]. **Topology-Adaptive** [CYX⁺¹⁷]. **Topology-Aware** [dSdF16]. **TOPSIS** [SS19]. **Toronto** [Sof83]. **TOSCA** [BSNB20, BRS18]. **TosKer** [BRS18]. **Total** [LGJ⁺¹⁸, THG⁺¹⁸]. **TotalStorage** [D⁺⁰⁴]. **TPC** [NP13]. **TPHOLs** [BW03]. **TPM** [KC12]. **TR** [Int05b, Int06c, Int06a]. **Trace** [BA23, MZG14, NASD21, BDE⁺⁰³, DC15]. **Traces** [BA23, WKG17, DD20]. **Tracing** [KKD24, BT15, PFH⁺¹⁶, WKJ15, Wol99]. **Track** [Shr89]. **Tracking** [JADAD06a]. **Tractable** [KR94]. **Trade** [MTJ⁺²², SidLB15, XZK⁺²⁰]. **Trade-off** [MTJ⁺²²]. **Trade-offs** [SidLB15, XZK⁺²⁰]. **Tradeoff** [MTFK19, UTO13, WCY⁺¹⁷]. **Tradeoffs** [CMM^{+06a}, CMM^{+06b}, CMM^{+06c}]. **trading** [LWLL16, VGL23]. **Traffic** [BBM⁺¹⁵, CGC16, CYX⁺¹⁷, DK17, LXL⁺²², PCW⁺¹⁶, SJMG24, VV18, YLTF20, CBJ22, FLL⁺¹³, HH19, IKU15, JYOB18, LLZ⁺¹⁹, MG19, WZV⁺¹³, XHW⁺¹⁹, YCL⁺¹⁹]. **Traffic-Aware** [CGC16, CYX⁺¹⁷, JYOB18]. **traffic-intensive** [IKU15]. **Traffic-sensitive** [DK17]. **Transactional** [URJ18, CMM^{+06a}, CMM^{+06b}, CMM^{+06c}, ZHCB15]. **Transcendent** [VTW16]. **Transfer** [HHC⁺¹⁶]. **transfers** [DPBK16]. **Transformation** [Bos24, WIDP12]. **transformations** [HB08]. **transient** [LRC05]. **Transiently** [LDRS18]. **Transition** [MBWW86, Syr07]. **Translation** [AZEE17, AZEE18, JXL⁺¹², LH16, YVCB17, YVCB18, dGG⁺¹⁷, CFG⁺¹³, JYW⁺¹³, Oi05, Oi06, Oi08]. **translation-based** [Oi05]. **Translational** [WIDP12]. **translations** [UTO13]. **Transmission** [RSNK17, RSN⁺¹⁸]. **Transparency** [ZXL⁺²⁴]. **Transparent** [BZA12, FK03, JKJ⁺¹⁰, KKD24, KKH14, MSI⁺¹², dGG⁺¹⁷, AW17, JXZ⁺¹⁰, MRC⁺¹³, YJZY12]. **Transputer** [Boa90, GHH⁺⁹³, Boa90, GHH⁺⁹³]. **travel** [TSLBYF08]. **Traveling** [YK13]. **traversal** [YTS14]. **Treating** [SSOT17]. **Tree** [Hal79, KMMV14]. **Trenches** [HN10]. **Trends** [RG05, AH12, CM18, JPTE94, vD06]. **TRI** [ACM97]. **TRI-Ada'97** [ACM97]. **trie** [SV17]. **trie-based** [SV17]. **tries** [SV15]. **Trigram** [Cox12]. **Troubleshooting** [WF03]. **Troy** [Ano97a]. **truly**

[ZBS⁺22]. **trust** [XJR⁺17, RNA⁺22]. **TRUst-aware** [RNA⁺22]. **Trusted** [CDW⁺24, DPW⁺09, ETAB22, SVB93, Str05, DJP⁺24, BCP⁺08, KSLA08, WH08]. **TrustZone** [PPG⁺17, PS19a]. **TrustZone-Assisted** [PPG⁺17]. **Truthful** [NMG15]. **TSAC** [WZL15]. **Tucson** [IEE05]. **Tuning** [EDS⁺15, RS16, WZL⁺23]. **Tutoring** [GH91b]. **TVDc** [BCP⁺08]. **Twelfth** [MR91]. **Twenty** [MS91b, Shr89]. **Twenty-Fourth** [MS91b]. **Twenty-Second** [Shr89]. **TwinDrivers** [MSZ09]. **twins** [HCJ07]. **Twitter** [Guy14]. **Two** [AW17, ASMA21, IMBB20, SSG90, TF16, BSSM08, CCMY07, HCJ07, LUL⁺05, SZKY21]. **two-dimensional** [BSSM08]. **Two-Level** [ASMA21, SSG90]. **Two-phase** [TF16, SZKY21]. **Two-tiered** [AW17]. **TX** [ACM99]. **Type** [ADM98, AT16, Arv02, KCV11, PRB07]. **type-** [Arv02]. **Type-Precision** [ADM98]. **Typed** [G⁺88, BDT13, GLV99, KRCH14]. **Types** [Wel94, GLW23, MFT⁺19]. **TypeScript** [RSF⁺15]. **Typing** [RSF⁺15, RAT17].

u.v.a [Tho08]. **UCSD** [SP83]. **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]. **UMLexer** [Fre05]. **Un-IOV** [ZXL⁺24]. **Uncertain** [ZZW22]. **uncertainty** [LPBB⁺18]. **underlying** [FBZS12]. **understand** [DMH18]. **Understanding** [FRM⁺15, Set13, ZRZY15, LWB⁺15]. **underutilized** [HM20]. **Undocumented** [Sch94b, Sch94a]. **Unexpected** [Par71]. **Unfairness** [SJA⁺17]. **Unhooking** [AKCP21]. **Unified** [ZDS⁺22, MBA⁺12]. **Uniform** [Eug06, Bod88]. **Unifying** [MD12]. **unikernels** [MK23]. **unique** [AM16]. **Unit** [DCG12, PXG⁺17]. **United** [Vra05]. **uniting** [LUL⁺05]. **Units** [VLZL16, Vol90, ZXG⁺24]. **UNIVAC** [Kam75]. **Universe** [Nel04]. **Universities** [Sta07]. **University** [ACM75, ACM81, Gre10, IEE96a, IEE97, IEE99]. **UNIX** [JJ91, KAH83, NSHW10, Gen86, HO92, Kal97]. **Unknown** [CLW⁺14]. **unleashed** [Ano97d, HH08, MG08, MG09]. **Unmodified** [HLP⁺16, MKKE12]. **Unpicking** [LBF12]. **unreliable** [MPM⁺20]. **unsound** [AT16]. **Untrusted** [CD12, HKD⁺13, HPHS04, WLL⁺13, ZBP05]. **upcalls** [LD11]. **Update** [FXHY21, LC14, SCL⁺19, VVC⁺17, J⁺05]. **Updates** [LCZ⁺19, LDRS18]. **updating** [CCZ⁺06]. **upfront** [ZLW⁺19a]. **upgrade** [CHCC07]. **Upgrades** [Ano03a]. **uptrees** [HB13]. **UPWN** [M⁺06]. **Urgent** [AGJS16]. **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** [KLLT18, MB15, RSW⁺06, WH99, ZXL⁺24, KTB17, RGAT18, SOKE23, SK13c, SP23, YW20]. **USB** [Ano03a]. **Use** [AAAF21, Bec09, CLLS12, Guy14, GGK19, KK79, Sch13a, SJJ⁺12]. **use-case** [GGK19]. **used** [tTR82]. **useful** [LC09a]. **usefulness** [SM79].

USENIX [ACM05d, Sof83, USE91, USE93, USE06]. **User** [Chu06, KA24, Mur69, RB24, ZQCZ16, Ano93, ACT94, Bor07, CLM⁺22, Guz01, PG11, RSC⁺15, Sto07, Tho73, ZLZ13, ZLZ⁺19a, CKT08, Dav04, RB24]. **user-controlled** [Sto07]. **User-defined** [RB24]. **User-Level** [Chu06, ZQCZ16, KA24, CLM⁺22, ZLZ13]. **user-space** [PG11]. **User-terminal** [CKT08]. **Users** [Boa90, IBM76a, SS17]. **userspace** [DD20, Ste14]. **Using** [AAF⁺09, AT24, ARAAA19, ASL⁺20, ABV12, ALL06, Bas04, Bas06, Ben21, BA23, BRX13, CMGI⁺23, CQLL18, Che21, CCO⁺05, DBMI92, Don88, ESY⁺17, Guz01, HLW⁺10, HWHW18, JMMLM92, LJN⁺00, LTT92, LD05, Mar73, MV16, MZ20, NASD21, OLZ16, PEC⁺14, RSW⁺06, ST24, SGK⁺23, Sar01, See10, SM06, SC17, SYB12, SAT09, SBK15, SXCL14, TDG⁺18, WDSW01, WKG17, WUNK17, Wil01, Wol99, XSC13, XCSM18, ZLG⁺20, ZBP07, ZLW⁺19b, dGG⁺17, AD18a, Agr99, AA24, ATS16, AWR05, AP18, AGIS94, BSM⁺12, BHvR05, BSOK⁺20, CL14, CPM⁺18, CJK⁺12, CCZ⁺06, Dan12, DHD20, DS22, EB20, FFBG08, FF22, FA21, FL13b, GSG22, GHK24, GHM⁺18, GNK24, HKJ19, HJ10, HBNK24, HTAY21, HN08, HPHS04, Hol95, HPS22, JNR12, JWH⁺15, JGSE13, JYOB18, Juo07, KSS24, KSS⁺20, KSS⁺23, KKM⁺13, KS18a]. **using** [KJJ⁺16, Kip21, KGS16, KL13, Kou11, KAS13, KRG⁺12, LDL14, LLWW18, LQW⁺12, MB15, MHM19, NGN24, NMC18b, NMC18a, NV05, PBL⁺16, Pon19, RP07, RWC21, SEM⁺20, SGV13, SSN12, SS22, SIJPP11, SIK⁺16, SSH17, STFH15, SSN94, Str05, SAM14, TSLBYF08, TSR19, TF16, VT14, WGW⁺18, WZZ⁺20, YK13, YLWH14, YWF09, YWCF15, ZLZ13, ZDLG17, ZXB⁺24, ZB18]. **usual** [dCJR16]. **UT** [Ren78]. **Utah** [ACM01a, CK87]. **Utility** [LGZ⁺19, CSV15, JWH⁺15, PSZ⁺07]. **Utility-Based** [LGZ⁺19]. **Utilization** [HLBZ20, KBDK22, KCKC15, NL19, uRQS20]. **Utilization-Based** [NL19]. **Utilization-prediction-aware** [HLBZ20]. **Utilizing** [GVI13, KOY05].

V [Gal09b, Lar09, LC09a, Apr09, Car06, DK23, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MTJ⁺22, MG08, MG09, SMP22, SVM⁺23, SRS09, AJ18]. **v-Mapper** [AJ18]. **V2E** [YJZY12]. **Validation** [BSL⁺18, FZD⁺24, SSB14b, SSB01]. **Value** [TF16]. **VaNetLayer** [BTLNBF⁺15a]. **VAP** [PM19a, XJW⁺18]. **vApp** [SG10a]. **variability** [ASB18, BDQR23]. **Variable** [ADM98, Lam75, Oi05, Oi08]. **variation** [CCL⁺20]. **variation-aware** [CCL⁺20]. **VAX** [KZB⁺90, LJZ12]. **VAX/SVS** [LJZ12]. **vCache** [KKH14]. **vCloud** [KMK10]. **VCP** [Khn09]. **VCPU** [WCC⁺16a, IYAK23, WYZY24]. **vCPUs** [OLZ16, WCG21]. **vCUDA** [SCSL12]. **VDE** [GD08]. **VDI** [ZFH⁺22]. **Vector** [Abr80, LRZ16, NTL⁺24, WWS89, Ble89, SZ88]. **vectorized** [SZ88]. **vectorizing** [LRP⁺19]. **VEE** [ACM05d, ACM06f]. **VEEs** [LCT⁺15]. **Vegas** [ACM81]. **Vehicle** [RNA⁺22]. **Vehicles** [SDM21]. **vehicular** [BTLNBF⁺15a, MCC18, YBZ⁺15]. **Velox** [TV18]. **Vergleich** [Zim05]. **verifiable** [CMP⁺13, PK75b]. **Verification** [ABDD⁺91, JE12, JES⁺15, LZM⁺20, ST24, SSB14b, ZL18b, ZLZ⁺21b,

BSD19, DL19a, FC98, LLS⁺12, PBL⁺16, SSH17, SSB01, ZSRR22]. **Versatile** [EBJ17, SN05b, ZXG⁺24]. **Version** [Bru07, Sim92, WR07, WR08, Ano94, Ano14a, IBM96, MIS⁺05]. **versioning** [STFH15, WF07]. **Versus** [Ran20, DK75, HPHS04, SCEG08, VED06]. **vertical** [BFS⁺18, STY⁺14]. **Verwaltung** [Zim05]. **Very** [RGSJ17, SSB03]. **VFe** [Ano05]. **vGPU** [LZM⁺20, SM23b]. **vGreen** [DMR10]. **VHDL** [FS89]. **VI** [Int06b]. **via** [CLM24, FL13a, GI12, GLLJ16, HSK17, HB13, HTM⁺24, HWR⁺24, KJM⁺07, KNHH18, LF19, LJL⁺11, MSS⁺15, NGRF19, NTL⁺24, QZDJ16, RZPX19, SP83, SDD⁺16, TDG⁺18, WZL⁺23, XWJX15, YTS14, ZSW⁺06, vSMK⁺20]. **viable** [HW15]. **viele** [WR07, WR08]. **vieles** [Joo06]. **View** [GB19, KKH14, AD18a, Guy14, LDDT12]. **Viewer** [BA23]. **Viewpoint** [LPSS19]. **Views** [PW03]. **Vigilant** [PBYH⁺08]. **VIII** [IEE01, IEE96a]. **VIKOR** [GSG22]. **VINEA** [EMW16]. **ViNEYard** [CRB12]. **Violation** [ZHL16]. **violations** [BSM⁺12]. **VirtCL** [YWTC15]. **virtio** [Rus08]. **Virtual** [ACM05d, ACM06f, AGJS16, AS85a, ABCC66, AEM⁺14, ADM98, AGH⁺15a, AT24, AZEE17, AZEE18, AAAF21, AAR22, AAB⁺05a, ACL72, ABV12, Ano75, Ano97b, Ano97a, Ano97c, Ano97d, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Ano05, fLtNW14, AE01, Apr09, Arc07, AD11, AAK18, AY24, ASSB18, Att79, Att73, AH68, ACA16, AC98, AMA⁺11, BWP85, BFHW75, Bai70, Bak83, Bal91, BMS16, BYZZ20, BP99, BDF⁺03, BBTK⁺17, BDJdS02, BSSS14, BWH⁺19, BDF⁺99, Bee05, BCC⁺15, BH73, Bel06, BB13, BN75, BJ20, BHDS09, BJPS73, BBHL08, BL17, BFG⁺14, BWD⁺15, BBM⁺15, Blu02, Bos24, BBM09, BD01, BP01, BP03, BZD17, Bro89, BRX13, BFM⁺21, VMW⁺19, BBS06, BJH⁺16, B⁺07, BG73a, BG73b, BCG73a, BCG73b, BG74, Caa00, CTS⁺93, CW03, CCWY05, CL17a, CFH⁺79, CFH⁺80, CWL12]. **Virtual** [CFM17, CCML12, Car13, CK87, CFVP12, CWS12, CJK⁺12, CHCC07, CGMD19, CF00, CT03, CSS⁺13, CGC16, CL16a, CL16b, Che21, CRZH15, CCO⁺05, CC77, Cla97, Coh97, CDG97, Cox09, Cra05, Cra06, Cra98, CH78, CWG00, CWL⁺15, CHPY17, CYX⁺17, CHLY18, CDN02, Dalxx, DAH⁺12, Dal97, DHPW01, Dan86, DD20, DSM14, DG05, DEK⁺03, Den01, DK17, DMR10, DKW15, DCM22, DF96, Do11, DGLZ⁺11, Dom80a, DL19b, DJ76, DJ77, DCA04, DLS⁺01, EGR15, EGJS15, ECJ⁺16, ETAB22, Eng99, EM06, EGG⁺24, EMAL17, EG01, Ert03, EMW16, EDS⁺15, FXL⁺23, FZD⁺24, FFB⁺00, FG91, Fie68, Fis01, FPS⁺02, (Fo71, (Fo78, Fra98, FK03, FL13a, Gai75, Gal73, G⁺01, GWZ16, GKSP99, Gei02, Gen86, GMGF24, Gol69, Gol71a, Gol71b, Gol73c, Gol73b, GGG03, GC00, GLBJ18, Gum83, HHV⁺02, HHW10, HT98, Hal79]. **Virtual** [HTW⁺19, Han73, HKLM17, HM01, HA79, HTB22, HLW⁺23, HH79, HB17, Hin97, HKM⁺18b, Hir17, Hof20, Hor73, HKKW13, HS13, HWB03, HS06, HB08, HPS22, HPP15, IBM72, IBM73, IBM76b, 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, Joo07, KCWH14, KRS⁺17, KC16, KS08a, KSS⁺20, KSS⁺23, KMK16, KNT02, KKTM17, KF91, Ken80, KDB16,

Kim84, KJL11, gKEY13, KKJL14, KP15, KPHA20, KAH83, Kov19, KGZ⁺⁰⁴, KAS13, KLLT18, KLF⁺¹⁵, LCWB⁺¹¹, LMM18, Lam75, Lau87, LW73, Law00, LW11, LP14, LSC⁺¹⁷, LMR18, LLW98, LMG00, LMG01, LTE12, Li14, LZL⁺¹⁵, LZWD15, LVM16, LWLL16, LYYY17, LGJ⁺¹⁸, LLWM23, LB98, LV99, LTT92, LD05, LWW16, LXW⁺²³, LY97a, LY97b, LY99, LYxxa, LYxxb, LYBB13a, LYBB13b, LYBB14, LHAP06, LWLL10]. **Virtual** [LJL⁺¹¹, LW12, LJL⁺¹⁵, LLZ18, LWZ⁺¹⁸, LCZ⁺¹⁹, LLS⁺²⁰, LSPP⁺²³, LPB17, LPBB⁺¹⁸, LFB94, Loy92, LTK17, LXM⁺¹⁶, MSG14, Mac79, Mad69, MB15, Mal73, MS91a, MK13, Man15a, Man16, MSLY24, Mar73, MD12, MP16, MZ20, McG72, MRG18, Men03, MS70, MD97, MDxx, MW18, MDGS98, MLG⁺⁰², MB98, MKKE12, MA21, MA24, II79, MP01, MJW⁺⁰⁶, MM94, Mur69, NBH08, NBK16, NMG15, Nel04, NASD21, Neu92, NGRF19, NLD⁺²³, NSJ12, NL19, Nou92, OT97, OKAM17, Oi05, Oi06, Olb78, PTHH14, PAKY16, Par71, Par72, PPTH72, PP73, PSBG11a, PAC⁺²², PHXL19, PXG⁺¹⁷, PNM⁺²⁰, PRB07, Pfo13, PHC20, PF23, PS16, PCC⁺¹⁶, PK75a, Pro00, Qia99, QBL⁺²³, QT06, RNA⁺²², RG17, Ran20, Ran02, RLZ⁺¹⁶, Ren78, Rev11, RIP18, RY10, RK24, RI00, RSN⁺¹⁸, RRB19, Ros99, Ros04, RG05, RS20, RCTY19]. **Virtual** [RB01, SMK02, Ibs84b, SL14, San88, SGK⁺²³, SSB^{+14a}, SD01, Say66, SH04, Sch13a, SMES01, Sch09, Sch94b, Sch94a, Sch73, See10, Set13, SMSB11, SSB03, SC17, SCEG08, SCSL12, SMA18, Shi03, SM01, SGV12, SV13, Sim92, SCP93, Siv04, SSG90, SN05a, SN05b, SHZ⁺¹⁴, SBP⁺¹⁷, SXXM⁺¹⁸, SB73, Sta97, SSB01, SSB14b, SHB⁺⁰³, SVL01, Sun95b, Sun95a, SUN97, JCV99, SKI⁺¹⁷, Sup04, SM02, Sur01, TSLBYF08, Tai98, TT96, TTH⁺¹⁹, TMV12, THB22, TY14, Tol98, TO96, TV12, USE01c, USE01d, USE02, UT87, UBF⁺⁹⁸, UR15, Vag10, VTW16, Ven97a, Ven99a, VGF16, VL00, Vog03, Vol90, WL96, WIDP12, Wak99, WH99, Wal99, WDL⁺²⁰, WB81, WLW⁺¹⁵, WZH⁺¹⁶, WWL^{+17a}, Wel94, WGLL13, WZL15, WLLZ16, WCSG05, WHD⁺⁰⁹, Win71, WP97, Wol99, Won97, WWMG06, WLCS17, WWL^{+17b}, XKY⁺¹¹]. **Virtual** [XSC13, XHL⁺¹³, XWJX15, XLL⁺¹⁴, XLJ16, XLWX19, XLL⁺²⁰, YC98a, YLH17, YWY⁺¹⁷, YLCH17, YLQL25, YWH⁺²¹, YP15, ZWFX17, ZDK⁺²², ZS01, ZLW⁺¹⁴, ZRD⁺¹⁵, ZRS⁺¹⁶, ZL16, ZCG⁺¹⁷, ZL18b, ZLZ^{+19b}, ZZW⁺²¹, ZCL⁺²¹, ZZF06, ZWL⁺¹⁸, ZWC⁺²³, ZLL⁺¹⁶, Zho10, ZHL16, ZYLY18, ZZW22, ZJXL11, ZTWM17, Zim05, ZR06, Zyt94a, Zyt94b, dSdF16, vD00, vLSM01, Ågr99, AEMWC⁺¹², ABB19a, Abr82, AS85b, AD19, AGSS10, AJB23, AAH⁺⁰³, AGH^{+15b}, AHRR22a, AHRR22b, AT23, ATZP21, ADA⁺¹⁹, AAB⁺⁰⁰, AAB^{+05b}, AA24, AC95, Ame13, AGH⁺¹⁶, Ano94, Ano96, Ano99a, AO16, ATS16, AFT01, ABC⁺⁰⁷, Arm98, AWR05, AAM⁺¹⁶, AMAB17, Arv02, AP18, AS14, AMB⁺¹⁷, AAC⁺¹⁷, ANH00, BB20, BAC15, Bag76, BML⁺¹³, BSM⁺¹², BDF⁺⁹⁸, BDS⁺⁰⁹, BDQR23, BHvR05, BG20, Beg12, BPC94, BMF23, BB12, BB15, BCP⁺⁰⁸, BJ22, BCM90, BRS⁺²²]. **virtual** [BPM⁺²², Bir94, BADM06, BFC02, BY20, Bri98, BB95, CSMB15, CARB10, CL14, CL17b, CD14, Car14, CEG07, Cav93, CS76, CGM17, CSSE21, CCL⁺¹⁷, CCL⁺²⁰, CLL⁺²³, CGC⁺²⁴, CBLFD12, CH08, CRB12,

CK06a, CK06e, CFRSSR19, Cof99, CGV10, dCCDFdO15, CWdO+06,
 CLDA07, CLL+13, CD01, DPW+09, DSR23, DDS+94, DS19, DSC+08, DP11,
 DM93, DC15, DEG+17, DBC+00, DQLW15, DLH+20, Don87, DHD20,
 DXM+17, DAdBM+24, DSZ11, DCMW17, DS22, DCA17, EB20, EGD03,
 EYG21, EGKP02, EG03, Ert05, EL98, EMS15, FCD09, FGZC23, FLL+13,
 FZS+20, FS19, FF22, FM90, FA21, FBZS12, FSFP19, FMIF18, Fit14,
 FHL+96, FGLI15, FF96, FLM+08, FCG+05, Fre05, FX06, Fu10, FRM+24,
 GP13, GGQ+13, GTGB14, GSG22, GI12, GVI13, GH20, GHK24, GSKJ18,
 GJK+20, Gol73a, Gol74, GCARPC+01, GAHL00]. **virtual**
 [GPW03, GR80, GBCW00, GLQ+13, GKJ+19, GLW23, GLV+10, GA18,
 HKS19, HM18, Hal09, HMH17, HZL+18, HJ10, HKN22, HBNK24, HN08,
 HKB19, HZZ+14, HTB19, HL24, HUL06, HH18, HH19, HAK22, HDG09,
 HcC14, HPHS04, Hol95, HLBZ20, HSC15, Hui18, HPS23, IBM94, IBM96,
 IRB19, IKU15, IMBB20, JSK+13, JK15, JES+15, JKK+13, JNR12, JWH+15,
 JC18, JGW+11, JDW+14, JGSE13, JYOB18, JADAD06b, JB24, dCJR16,
 Kal97, KOY05, KSS24, KDK20, KBDK22, KB21, KSSG16, KS20a, KSO+15,
 KRCH14, KS18a, KZ21, KS18b, KTB17, KK21, KBB11, KCS14, KJLY15,
 KCKC15, KKC+16, KNHH18, KKK+18, KMG+18, KFF12, KHA22, KF18,
 KSS+18, Kou11, KCV11, KBC21, KR16, LBP+07, LMJ07, LBZ+11, LC02,
 LM99, LC14, LZC+16, LBL16, LYYY18, LLF+18, LLWW18, LFHQ19,
 LXRS19, LLZ+19, LZLY20, Lia05, LJL12, LQW+12, LF19, LC13, LL14,
 LTZ+14, LPZ+22]. **virtual** [LWCZ22, LCL+23a, LCL+23b, LMDP19, Lot91,
 LSS04, LG93, LFHS23, LQD+18, LY23, MSG+12, MR23, MD73, MD74,
 MSG01, MNB24, DPBK16, Man15b, MS17, Man18, MRM06, MBM09,
 MNA16, MS00, Mat09, MK19, MK23, MN03, MC93, McM11, MG13, MRG17,
 MN91, MMTM22, MST+05, hTMAC+08, MHM19, MPM+20, EYGS19,
 MAK07, NZH20, NGN24, NNK21, NK22, NK10, NOK+85, NAR19, NOR15,
 NV05, NIA18, OG16, Oi08, OMB+15, ORPS09, PKS+19, PFH+16, PEL11,
 PSBG11b, Par25, PMC05, PM19a, PDM20, PFPJ18, PBYH+08, PJZ+19,
 PCB+18, Piz17, Pon19, PRS16, PV08, Pul91, PS23, uRQS20, RK16, RKT20,
 RH17, RHR20, RHR02, Raj79, RG19, RWC21, RT18, RZ14, Req03, RK18,
 RFBLO01, RJK+17, RI25, RGS+20, Rus08, SZKY21, SBI21, SJB14, SS13,
 SENS16, SBBP20, SHR19a, SHR19b, SNV10]. **virtual**
 [Sch13b, SSMGD10, SEM+20, SHLJ13, SSN12, SM23a, She91, SJJ+12,
 SJW+13, SWH+13, SASG13, SLC20, SSEA18, SS19, SL00, SS22, SGGB99,
 SGGB00, SKC73, Smi97, SYMA17, SJL20, SSL+13, SPAK18, SMA+10,
 Spi06, SOKE23, Ste14, SSU+12, Str13, Str05, SZL+14, SK13c, SLA+16, SP23,
 SHTE11, SPSL25, Syr07, TZK17, THH+14, TZY+25, TMLL14, TDD20,
 TSR19, Tay76, TK20, tTR82, TGCF08, THG+18, TIIN09, TMMVL12, TB14,
 TMV25, TDG+06, Tsa14, TtLcC13, Tur84, Vac06, Van98, VT14, Ven96,
 Ven97b, Ven97c, Ven97d, Ven99b, VED07, VVB13, VWT13, VGL23, VDO14,
 WGF11, WKT08, WRX11, WZV+13, WQG15, WKJ15, WHC16, WCY+17,
 WXZ+17, WSX+19, WBW+19, WZZ+20, WGY20, WR07, WDT18, Web10,
 WK08, WLG+11, WHW20, WH08, WCS06, WLL+13, WW77, WSVY09,

WRSvdM11, WRS⁺15, WCG21, WCZ⁺23, XNH21, XCJ⁺14, XHW⁺19, XHCL15]. **virtual** [XJWW15, XZZ⁺16, XWX⁺17, XYYY17, XTB17, XLQL18, XLWZ18, XJW⁺18, XZK⁺20, XA22, XXWG23, YC98b, YME05, YZW⁺13, YLH14, YLHJ14, YPLZ17, YCL⁺18, YW20, YGLY21, YBZ⁺15, YYC⁺19, YWH⁺23, YLK⁺10, Yel99, YWF09, YSM⁺21, YLJ22, YC16, YIR24, YB24, YRJ18, YMY17, YGN⁺06, YWGH13, YQZ14, YQZ19, YTY00, ZG13, ZXW16, ZWKX17, ZYZ⁺18, ZBG⁺05, ZLZ15, ZLH⁺15, ZWHC17, ZHHC17, ZFY18, ZWC⁺19, ZLZ⁺19a, ZJRW19, ZBP05, ZBP07, ZWL09, ZLW⁺19a, ZFL⁺23, ZL13, ZLLL13, ZWH⁺17, ZLCZ18, ZSRR22, ZWC⁺14, dSOK17, AGIS94, BPB86, CBJ22, Cza00, Fuj91, GKP⁺19, GHM⁺18, KM13a, KM13b, McC74, Mon97, PEC⁺14, Ros99, RMP24, TSN⁺23, VED06, Wel02, YI24]. **virtual-machine** [HUL06, PHPS04]. **Virtual-Machine-Based** [JN15]. **virtual-time** [She91]. **Virtualbox** [Deu08, Bec09]. **Virtualisation** [Ska07, Apr09, Rob12, SDN09]. **virtualise** [DJP⁺24]. **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** [GG72, HH13, PG74, PG73]. **Virtualization** [AFG⁺17, AJM⁺06, AP22, AAJD⁺16, AVNR19, ASL⁺20, AAT⁺22, AIn22, AAMBE21, ADWM18, APST05, Ano03b, AvMT11, Bac11, BE17, BLMP22, BJJ19, Ble10, BHEP14, BDR⁺12, CZL08, CLS07, CGS06, CEPR22, CFB24, CHW12, CXLX15, CWH⁺16, CMK⁺16, CQLL18, CD12, CDD13, cCWS14, CLLS12, Chu06, Coh10, Cre09, Cre10b, CGW07, DPCL22, DLLN18, DMS02, DW14, DPCA11, DLM⁺06, Don06, DMG⁺15, DK23, DY17, ECET18, EMAL17, ELC⁺19, FPR⁺06, FR24, Fer11, FDF05, FRD⁺08, FLZ17, Gal09a, Gal11, GHS17, GW07, GCL⁺21, Got07, GG11, HD16, HYK⁺23, HWF07, HTAY21, Her06, HN10, HHC⁺16, HSN17a, HSN17b, HDM08, HSL17, HB12, HW12, JAD19, JYM⁺23, JW17, KHW⁺16, KLY20, KS08a, KBBM15, KSVR23, KMM13, KR18, KS08b, KKS⁺19, KGS16, Kot10, Kot11, KC12, KLR⁺20, KLK⁺22, LH16, LWC⁺17, LXL⁺22, LLW⁺16, LRZ16, LZW⁺17, LYGG20]. **Virtualization** [LCFL12, LDDT12, MZD⁺18, MDZ⁺21, MCC18, MA10, MCZ06, MUKX06, MA17, MMHP17, MGL⁺17, MTJ⁺22, MWHH05, NTR18, NSL⁺06, NKK⁺06, NsP16, NVV⁺24, OVI⁺12, PZW⁺07, PHL⁺12, Pap20, PGP19, PDL⁺23, PM19b, PZH13, PYYG21, PYDG22, PvDS08, PNT12, PST⁺15a, QCM⁺24, QNC07, QTR21, RC18, RSW⁺06, RCM⁺12, R⁺06, RTL⁺18, RZPX19, RB24, RKRK17, RWX⁺12, RR09, SMP22, SVM⁺23, SADP21, Sed07, SM06, SLW⁺24, SN23, SGB⁺16, SYB12, SABL20, SAT09, SIJPP11, SYC14, SWF16, Spr07, Sta07, SFSN⁺24, SAM14, SKYK16, Swa06, TDMP23, THLK10, TF16, Tre05, UNR⁺05, Uhl06, UVL⁺13, VN06, VN08, WBB⁺16, WDCL08, WWH⁺16, WZT19, WC01, WG07, WHD⁺16, WH05, WLW⁺17, WZL⁺23, XH16, XYD⁺18, XML⁺18, YLT⁺23, YSS⁺17, ZDS⁺22, ZZG⁺23, ZSXZ07, ZQCZ16, ZYH⁺19, ZSP⁺21,

ZZW⁺²¹, ZXL⁺²⁴, ZZFO6, ZAI⁺¹⁶, ZXY⁺¹⁵, ZLW^{+19b}, ZKWH17].

Virtualization

[dGG⁺¹⁷, vMAT14, vdK09, AA06, AKK⁺⁰⁷, AAF⁺⁰⁹, A⁺⁰⁴, AH12, AMIA19, ALW15, AJD09, Ano14c, Ano15, AKCP21, Apr09, AAB^{+05c}, AEB19, ABB^{+19b}, AA18, ABB⁺¹⁵, BDF⁺⁰³, BBD⁺¹⁰, BSL⁺¹⁸, BRIdM10, BKR20, B⁺⁰⁵, BB08, Bor07, BH13, BC10, BTLNBF^{+15b}, BTLNBF^{+15a}, BSMF08, B⁺⁰⁷, CPM⁺¹⁸, CSSS11, CMGI⁺²³, CMG⁺¹⁹, CBER09, CDM⁺¹⁰, CFG⁺¹³, CWH⁺¹⁴, CL15, CCZ⁺⁰⁶, CCMY07, CGL^{+08a}, CGL^{+08b}, CGL^{+08c}, CLM⁺²², CB10, CMM^{+06a}, CMM^{+06b}, CMM^{+06c}, Cia07, Cla05, CLM24, CBFH20, CM18, CKT08, Cre08a, Cre08b, Cre10a, CB07, DLL⁺¹⁶, DBO⁺¹⁸, DYL⁺¹², DCP⁺¹², DS09b, Dre08, EBLM22, EdPG⁺¹⁰, ECAE13, FFBG08, FP14, FJKK17, FLCB10, FS08, Fro13, FK13, FSH⁺¹³, GMK17, GLA⁺⁰⁸, G⁺⁰⁶, G⁺⁰⁵, GTN⁺⁰⁶, GAH⁺¹², GKT17, HLW⁺¹⁰, Hal08, Han16, HIIG16, HHS18, HPcC04, HC12, IIK⁺⁰⁶, ISE08, IMK⁺¹³, IPRS21].

virtualization [J⁺⁰⁵, JM08, JXZ⁺¹⁰, JCZZ13, Kao17, KVV09, KSRL10, KKB14, Kip21, KWZ⁺¹⁹, KL13, KS20b, Kro09, LPD⁺¹¹, LD11, LUL⁺⁰⁵, LLE17, LLW⁺¹², LZWC13, LLY⁺¹⁸, LLX⁺¹⁷, LJYZ15, LQW⁺¹², LCL14, LWL16, LRP⁺¹⁹, LLS14, LP11, LDL⁺⁰⁸, MG19, MB21, MRM06, MSI⁺¹², MDD⁺⁰⁸, MIS⁺⁰⁵, MBA⁺¹², MPA⁺¹⁸, MBBS13, Mly09, Mon22, MMG⁺¹⁸, MR06, MHS21, NTH⁺¹⁷, NRdA⁺²⁰, NB11, P⁺⁰⁸, PG11, PBB13, PMP23, PFNC20, PST15b, QZDJ16, RSC⁺¹⁵, RS16, RSV24, RQD⁺¹⁷, Rix08, RSLAGCLB16, Ros06, Rou07, Sam22, SVN⁺¹⁰, SJRS⁺¹³, SWcCM12, SM23b, SIRP17, SPF⁺⁰⁷, SHB19, SWW⁺¹⁸, SAB⁺⁰⁷, SWC08, SWL⁺²³, SL12, TDG⁺¹⁸, TZB19, TXD⁺²⁴, TMJ⁺²¹, TSCB19, TLBW12, VW08, VSC⁺¹⁰, VOS12, WR12, WZW⁺¹¹, WCC^{+16a}, WCC16c, WCS09, WJGA12, WHSE15, WYZAD20, XKY⁺¹¹, XZ11, YKS16, YJZY12, YTS14, YLH14, YLWH14, YCL⁺¹⁸, YCL⁺¹⁹, YLTF20].

virtualization

[YXL⁺²⁰, Yu20, ZEdIP13, ZSR⁺⁰⁵, ZSW⁺⁰⁶, ZLZ13, ZXB⁺²⁴, ZZW⁺²⁴, vCPWvT11, vD06, vH08, Gua14, BCZ19, MCJ19, VSMC23, YWL⁺¹⁸].

Virtualization-Aware [LXL⁺²²]. **Virtualization-Based**

[CDD13, KLR⁺²⁰, RZPX19, AAJD⁺¹⁶, DPCA11, MCC18, WDCL08, CGL^{+08a}, CGL^{+08b}, CGL^{+08c}, LLX⁺¹⁷, QZDJ16, TSCB19].

virtualization-driven [CSSS11]. **Virtualized**

[AMA18, ASMA21, AIAR⁺²⁴, BB17, EGR15, GKXK13, GLBJ18, HO22, HBL⁺¹⁰, HLPY16, HCB18, HTM⁺²⁴, KHW⁺¹⁶, KKH14, LZ15, LGJZ16, MT16, MT17, MSC⁺²¹, NBB⁺¹⁹, NKY⁺¹⁸, NSC⁺²², PWJ16, PLZ20, RGSJ17, SB16, SL16, SDD⁺¹⁶, WIS⁺¹⁵, WKC⁺⁰⁹, WLMD16, WTM18, XWW⁺²¹, YVCB17, YVCB18, YWW⁺¹⁵, YWCF15, ARA18, ARA20b, ARA20a, AJH12, ATS14, ACG18, ASB18, BGS13, BSD19, BKT⁺¹⁹, BSOK⁺²⁰, BSSM08, CP17a, CRX24, CP17b, CDO24, DS18, EBJ17, GPS⁺¹⁸, GSG22, GGK19, HOKO14, HL13, JK17, KW13, KSRL10, KRG⁺¹², LKR⁺¹⁹, LWM14, LC13, MNT14, MAK18, NBS18, NS07, NMC18b, NMC18a, PSZ⁺⁰⁷, PC21, PSC⁺⁰⁷, QXH18, RAP19, RHZ⁺¹⁷, SBNU18, SG10b, TRG13, WWWL13, WB16, WTLS⁺⁰⁹, WTL⁺¹⁶, YLJ22, ZGL⁺¹⁷, ZWC⁺¹⁴, YJZ⁺²¹].

Virtualizing [BTMS10, Sar16, SB10, SVL01, WRS13]. **VirtualKnotter** [ZWC⁺14]. **Virtually** [Say67, 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]. **Virtuelles** [AH68, Han73]. **Virtuoso** [DGLZ⁺11]. **VIRTUS** [IIK⁺06]. **Vision** [Arm78, SCC⁺23]. **Visual** [Fra06, Fra09, MC98, Wil06, Hee07, Hog06, Hog08]. **Visualization** [Nel04]. **Visualize** [BA23]. **Visualizing** [WT91]. **vKernel** [HWR⁺24]. **VLAN** [LYY⁺24]. **VLAN-VxLAN** [LYY⁺24]. **VLISP** [Ram93]. **VLSI** [IN87]. **VM** [Ano01a, Ano04a, Ano04b, FAA17b, AH24, Ano03a, AB16, ABG14, Att79, Bar73, Bar78, BCW20, BN89, BT15, Boz89, Cal75, CBZ⁺16, CCW⁺20, Com82, CTP⁺17, DS20, ESY⁺17, FAA17a, FMJ15, Fis91, FGG14, FL13b, GH91a, G⁺06, GHD12, GPR23, GNK24, HM20, HKM⁺18a, HKJ19, HXZ⁺16, HC12, HW15, IBM94, IYAK23, JFPL16, JFZL17, KN18, KA25, KU24, LPSS19, LYY⁺20, LBF12, LJZ12, LWLL10, LSX⁺24, MK22, MSS91, MLA83, MA19, NOK⁺85, NS17, Olb78, OJG91, P⁺08, PDM20, PG17, PG18, RAT17, RSNK17, RJS⁺18, STMV18, SSG⁺20, SHW⁺15, SM79, SM23b, SBK15, SNC91, SidLB15, TB17, TUM18, TV18, Var91, Wal10, WBHN18, XCSM18, YZLQ14, YKM17, YJZ⁺21, YWR⁺14, ZFL15, ZWFX17, ZDLG17, ZLSI17, ZFL⁺23]. **VM-Agnostic** [IYAK23]. **VM-based** [ESY⁺17]. **VM-protected** [GHD12]. **VM-scaling** [AB16]. **VM-to-hypervisor** [NS17]. **VM/370** [Att79, Bar73, Bar78, Cal75, Com82, Olb78, SM79]. **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]. **vmBBProfiler** [TZK17]. **VMbuddies** [LH15]. **VMDFS** [SSEA18]. **Vmgen** [EGKP02]. **VMI** [LLF⁺18]. **VMIFresh** [DSR23]. **Vmknoppix** [Deu08]. **VMM** [AD18a, ALL06, Car14, DQR⁺13, DLX⁺17, KZB⁺90, LD11, LHAP06, OLZ16, RQD⁺17, SM90, TUM18]. **VMM-based** [ALL06]. **VMM-Bypass** [LHAP06]. **VMM-to-guest** [LD11]. **VMMB** [MKKE12]. **VMOR** [MSI18]. **vmOS** [LLX⁺17]. **VMP** [JNR12, PAC⁺22, RK24]. **VMP-ER** [RK24]. **VMPlanner** [FLL⁺13]. **VMPlants** [KGZ⁺04]. **VMPP** [Loy92, LG93]. **VMs** [KMT14, KKJ⁺13, PLMA18, RJK16, RB24, SEPV19, VS19, ZB18]. **VMScatter** [CLL⁺13]. **VMSI** [ZTWM17]. **VMSL** [LSPP⁺23]. **VMThunder** [ZLW⁺14]. **VMWare** [Joo06, CK06f, Ham07, Khn09, KGG00, Tho08, Zim05, Zim06, Bas04, Bas06, War05, Wil01, AAH⁺03, Ano03a, Ano03b, Ano07, BBD⁺10, Bau06c, Bor01, BDR⁺12, CK06f, Com00, Com03, DS09b, D⁺04, Gal09b, GKBB15, Hal08, Hal09, Her10, HMS17, IIPB09, Kis08, KMK10, Lav10, Low08, Low09, Low11, LMG⁺14, MRM06, MBM09, McC08, MWHH05, MJW⁺06, Ng01a, Ng01b, NL00, OH05, PPS⁺18, Ros99, Rul07, R⁺02, See10, SIK⁺16, SVL01, Ten17, TH10, Wal02, Wal99, War02, WF03, War11, Zim05, Zim06, B⁺07]. **VNC**

[RSLAGCLB16]. **VNE** [WBW⁺19]. **VNE-TD** [WBW⁺19]. **VNET6** [GLQ⁺13]. **VNF** [BMJ⁺22, LKIL19, LW20, SJ21, XZL⁺20, ZJRW19, ZLZ21a]. **Vnode** [KKD24]. **VoIP** [Mon22]. **Vol.II** [Shr89]. **Volatile** [AMH⁺16, HN08, WZL⁺18]. **Volatility** [WZL⁺18]. **voltage** [TDG⁺18, AMAB17]. **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]. **VR** [GWZ16]. **VR-Cluster** [GWZ16]. **vs** [Gal09b, Mad69, RB24, SFSN⁺24, WKJ17]. **VSA** [SHLJ13]. **vSAN** [FKZ17]. **VSched** [LD05]. **vSDN** [ZWW20]. **vSFC** [ZLZ⁺21b]. **Vshadow** [WLW⁺17]. **VSim** [RPE12]. **vSphere** [Gal09b, Lav10, Low09, LMG⁺14, Fit14, Hal09]. **vSphere5** [Low11]. **VSPIM** [NTL⁺24]. **VSwapper** [ATS14]. **vSwitch** [TSP17]. **vulnerabilities** [RY10, YSM⁺21]. **Vulnerability** [CRZH15, Ano99a, JKDC05, PM19a, PMP23]. **vulnerability-based** [PMP23]. **vulnerability-specific** [JKDC05]. **Vulnerable** [JSHM15, JAS⁺15]. **VxLAN** [LYY⁺24].

W [ALW15]. **W-SDNs** [ALW15]. **WA** [ACM05c, LCK11]. **Wale** [DSS19]. **walks** [AJH12, BSSM08]. **WAN** [KKK⁺18, TDG⁺06, WLG⁺11, WRSvdM11, WRS⁺15, ZFY18]. **WAPPEN** [Kag09]. **warmup** [BBTK⁺17]. **Washington** [ACM06b, Ost94]. **Watches** [BDG18]. **Watchmen** [BDG18]. **wavelength** [AM16]. **wavelength-routed** [AM16]. **Way** [FLZ⁺20, Ble10, Com00, WGF11]. **WBATimeNet** [MK22]. **weak** [RO16]. **web** [BTLNBF⁺15a, DAdBM⁺24, YSM⁺21, Ano96, CVWL13, DF96, FF96, Kag09, LGJZ16, SJJ⁺12, SDD⁺16, VP16, WDCL08, YML⁺18]. **web-based** [YSM⁺21, CVWL13, Kag09]. **Web/Java** [FF96, Ano96]. **Web/Java-based** [FF96, Ano96]. **WebAssembly** [SMR24]. **Weight** [WWL⁺17a, HB08, YGN⁺06]. **Weir** [BMER14]. **Welfare** [ZHW⁺17, LWLL16]. **Well** [WC01]. **Well-Conditioned** [WC01]. **Werkzeugen** [KGG00]. **Which** [MS17, War80]. **Whispers** [WXW15]. **White** [LKL⁺19]. **Who** [BDG18, LS15]. **whole** [BBM09]. **whose** [BBS06]. **wichtigsten** [CK06b]. **Wide** [BFG⁺14, DF96, HS19]. **Wide-Area** [BFG⁺14]. **wie** [Deu08]. **WiFi** [XKY⁺11]. **Wild** [Cox10, STS⁺13]. **Win** [War11]. **Win4Lin** [Ng01b, Ng01a]. **WinCE** [Kal97]. **Windows** [Bod10, Bor01, Joo09, Lar09, Sch94b, Sch94a, WF03, Apr09, Bod10, Car06, CK06a, CK06i, CK06h, CK06p, GMR93, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, Nou92, Sal92, YGN⁺06, Zyt94a, Zyt94b]. **WINRar** [Joo06]. **wired** [XKY⁺11]. **Wireless** [ACM06c, AFG⁺17, ALW15, AAT⁺22, BSI⁺15, HLP⁺16, KKTm17, SIJPP11, YMY17, DCA17, FK13, HLW⁺10, WYZAD20, XKY⁺11, XJW⁺18]. **Wirth** [BGP00]. **Wise** [ZXG⁺24, SEPV19]. **Within** [RD90, BTLNBF⁺15a, YJZ⁺21]. **without** [CD01, KSRL10, SUH86]. **WLAN** [KKTm17]. **Wolves** [DLX⁺17]. **WOMP** [M⁺06]. **Work**

[HMS17, PWJ16, DMH18, KHL17]. **Work-Stealing** [PWJ16]. **worked** [Cox12]. **Workers** [VP16]. **Workflow** [MB20, GAHL00, HKS19, KCKC15, RWC21, WKT08, WCG21]. **Workflows** [AD18b, RB17, dCCDFdO15, EB20, FGG14, MPM⁺20, QXH18, WB16, YYYY17]. **Working** [NKY⁺18, ZDLG17, G⁺88]. **Working-Set** [ZDLG17]. **Workload** [IEE02, IEE03, MA19, NASD21, PYYG21, SSB⁺16, YWW⁺15, ZWFX17, ZFH⁺22, EBJ17, KCV11, SS13, SSN12, SLC20]. **Workload-Aware** [PYYG21, ZWFX17, EBJ17, SSN12]. **Workloads** [BB17, DS09a, GTGB14, IPRS21, LFHQ19, LL14, MK23, SSMH18, SMA⁺10, SWC08, VVB13]. **Workshop** [ACM98, RM03, ACM05b, IEE01, IEE02, IEE03, IEE04, Mat10, Tho93, ACM01a, ACM04a, ACM06c]. **workshops** [M⁺06]. **Workstation** [Bau06c, Bor01, BDR⁺12, WF03, War05, SSN94, War02, SVL01]. **World** [AAR22, Ben21, DF96, GHH⁺93, WLW⁺17, BBM09, STS⁺13]. **World-Wide** [DF96]. **worlds** [AJD09, LUL⁺05]. **Worm** [CLW⁺14]. **Worst** [HWB03]. **Worst-Case** [HWB03]. **Write** [ZCJ⁺21, LFHQ19, LXRS19]. **write-intensive** [LFHQ19]. **Writes** [ZLL⁺20]. **Writing** [Wes98]. **written** [MSG01]. **WWC** [IEE03, IEE02]. **WWC-5** [IEE02]. **WWC-6** [IEE03].

x3950 [R⁺06]. **X64** [dGG⁺17]. **x86** [AGSS10, BDR⁺12, Cof99, MT16, MT17, MGL⁺17, Rev11, AA06]. **XA** [BN89, Boz89, IBM94]. **Xbox** [Ste05]. **XC** [GH91a]. **XEN** [Hin08, PO09, Deu08, Kar07, Mar08, See08a, Tho08, RHM08, AJD09, Ano15, BDF⁺03, B⁺07, CBZ⁺16, Chi08, CDO24, CGW07, De 06, DLM⁺06, Don06, Fis09, Hab06, HWF07, HHH04, IGBKR19, Kar07, Kel06, LXL⁺22, MDD⁺08, MKM⁺08, MST⁺05, MCZ06, NB11, NOT⁺17, PO09, PRS16, QT06, RHZ⁺17, SJV⁺05, SHLJ13, Spr06, Spr07, TC10, VS06, WG07, dSOK17, vH08]. **Xen-based** [CBZ⁺16, dSOK17]. **Xen-Basis** [Kar07]. **Xen-virtualisierte** [Mar08]. **XenEnterprise** [CGW07, WG07]. **XenExpress** [CGW07, WG07]. **XenServer** [CGW07, WG07]. **Xeon** [GGK19]. **XHive** [KJL11]. **XHPC** [M⁺06]. **XINU** [BWP85]. **XIVE** [AA18]. **XML** [Int06c, Kha19]. **XPL** [Kam75]. **XSA** [Ano15]. **XScale** [CMP⁺07]. **xSeries** [R⁺02]. **XTREM** [CMP⁺07].

yang [CBGM12]. **Years** [FS12, BJB19]. **yieldpoint** [LWB⁺15]. **yin** [CBGM12]. **York** [ACM03b, IEE90b, IEE96b, IEE90b]. **Yountville** [Tho93]. **Yourself** [AZEE17, AZEE18].

z [G⁺06, P⁺08]. **z/VM** [G⁺06, P⁺08]. **z13** [ABB⁺15]. **Zero** [AMH⁺16, CHCC07]. **Zero-Cost** [AMH⁺16]. **zero-loss** [CHCC07]. **Zeroing** [GPS⁺18]. **ZNET** [UBL⁺82]. **Zone** [ETAB22, KBBM15]. **Zone-based** [ETAB22]. **ZSim** [SK13b]. **ZSM** [XKKL23]. **zur** [KGG00, See08a]. **Zytaruk** [Sch94b, Sch94a].

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one another (and to preserve compatibility as the new System/360 design evolved) was to use the System/360 Principles of Operations manual to describe the user's interface to the Control Program. Each user would have a complete System/360 virtual machine (at first called a 'pseudo-machine')." Footnote 28 on page 28 says: "For the first few weeks, the CSC people referred to their concept as a 'pseudo-machine', but soon adopted the term 'virtual machine' after hearing Dave Sayre at IBM Research use it to describe a system he had built for a modified 7044."

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