A Bibliography of Publications about Virtual Machines

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

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Abstract
This bibliography records books and other publications about virtual machines.

Title word cross-reference

$\$32.95 [Ano97a]. 5 [ALW15, HH18]. $T^M$ [Cza00]. $TP$ [LTK17]. $d$ [XDL15].
$HV^2M$ [CBZ16]. $n$ [WZKP19]. $\omega$ [Arv02]. II [Syr07]. $V^2$ [DG05].
-\text{dienste} [WF03]. -\text{Enabled} [SB18]. -\text{Tier} [WZKP19].

\text{.NET} [Fra06, Fra09, Hee07, Hog06, Hog08, Men03].

\text{/CLI} [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06]. /dev/random
[Far11].
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, VSC10, YCL10, YCL18]. '10 [Bau06b]. '10GE
[HB12]. 11 [Ham76, PK75a]. 11/40 [GBO87]. 11/60 [SP83]. 1100
[Kam75]. 11th [ACM04a]. 12th [IEE85]. 14-16 [ACM05d]. 148
[Ano15]. 15th [ACM06b]. 15G [IBM76a]. 168 [IBM76a]. 16th
[BW03, Ano93]. 17th [Ano10]. 180x86 [Law00]. 19 [Cap21]. 1981
[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, Wll06]. 2006 [ACM06c, ACM06b, ACM06d, IEE06b, IEE06a, Int06b, Int06a]. 2008
[IEE06a, Vra05]. 21st [IEE05]. 23272 [Int05b]. 26th [ACM99]. 29-state
[Sig89]. 2nd [Ano02].

3 [McC08, PO09, vdk09]. 3.0 [MRGB01]. 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, Oib78, SM79]. 37th [ACM06d]. 390 [DBC+00].
3rd [ACM05b, ACM06c, Ano04a].

4 [Gal09b, G'06, Lav10, Low99, 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, RNA+22, SP22, XWW+21, ZLZ21a]. 5L [Mly09].

60 [SP83]. 6000 [ABDD+91]. 64 [De 06, Don06]. 64-bit [VED06, VED07].
[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
[HLPY16, KMK16, KL+20, MBK+92, JYOB18]. Acid [LPSS19]. ACLE
[Bak83, Dom80a, GBO87, GR80, Ibs84a, Kam83, Kor88, Ibs84b, SGS92, SM92, Vol90, WSX+19, Wes98, ZEdP13]. Ada-Things [WSX+19]. Ada’97
[ACM97]. Adaptability [SV13]. Adaptable [GKSP99, CGM17]. adaptation [AJBJ23, ZBG+05]. adapters [SAB+07]. Adapting
[BADM06, SJW+13, WGLL13]. Adaption [BH15]. Adaptive
[AS14, Bir94, CYX+17, DLH+20, HHW10, HKKW13, JKB15, KHL17, LMV12, Lec16, LCT+15, LZZ15, LYGG20, MCJ19, NZH20, OVI+12, PSZ+07, PYDG22, PMP23, SOAK23, SXCL14, XCSM18, XLL+20, YLT+23, ZDK+22, ZLZZ1a, ZFH+22, dSKO17, BB12, BKT+19, GKI+19, HPS23, JNR12, JC18, KK14, KR16, SEN16, SEP18, SYMA17, WSX+19, ZLC18]. adaptively
[JDW+14]. Adding [HHV+02, Say67]. Address [HHWH18]. Addressing
[XKKL23]. Administration [MJW+06, NSHW10, Bor07, Dav04]. administrator [TC10]. Admitting [MLXG19]. Advanced
[A+04, Alf91, FLNW14, 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
Anity [SK13c]. Affinity-aware [SK13c]. Against [HS19, CVWL13, CD12, GHD12]. age [Bac11]. agenda [ZJR19]. Agent [PXG*17, RB01, AVB12, DHD20, PDM20]. agent-based [PDM20].


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]. Apple

[Sam22]. applets [Wes98]. Appliance [See10]. Appliances

[BRX13, ZZW+21, AEMWC+12, BSM+12]. Application

[AJ18, AW17, BB17, BCZ19, CHW12, cCWS14, Cza00, HMH17, KNT02,

KLF+15, LWC+17, LPZ+22, MD73, MD74, PCW+16, TB17, WGW+18,

ZYH+19, AS14, BBS06, IBM88, Int88, IBM96, JSK+13, JGZZ+13, JDJ+06,

Kag09, Lia05, LBF12, LLS+08, MRGCB91, SE12, SWcCM12, SASC13, SL00,

ZS01, ZBG+05]. Application-Aware [AJ18]. application-specific [ZS01].

Application-transparent [AW17]. Applications [Ano99b, Ano03a, BAL15,

Boa90, DSN+18, DJS+17, FBL18, HHV+02, HSK+17, HC17, HCB18, IEE05,

JW17, KKS+19, LGJZ16, LSC22, LH15, NKK+06, Par71, PL6A18, Pl6o13,

PY93, SN23, SO05, TR88, VP16, WLS+18, WZK19, XZL+20, AS76, AIf91,

AC16, AB16, ACKT94, ABC+07, BD11, BPM+22, BSBN20, BTNBF+15b,

BR18, BOF17, BFS+18, DMH18, DBC+00, EBLM22, EF94, ESM15,

GHD12, GTN+06, GH+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, RSLAACL16, SZKY21, Sch13b, SGV12, SZZ8,

TDC+18, TV18, WCDL08, WSX+19, YYYC+19, YGN+06, ZB05, ZNL14].

Applicative [AS85a, ABR82, AS85b]. applied [MM92]. Applying

[FFM+23, CSSE21]. Approach

[ARAAA19, BC19, BFG+14, BRX13, CFM17, CIL+14, Cox09, DPCA11,

DM75, EMAL17, Fie68, FPS+02, FML+22, Jen79, JWQW15, KJ16, KAH83,

Mad69, MP16, MSC+21, NLVP12, NSJ12, PF23, SDD+16, VN06, WJ10,

WVT+17, WJTR22, XD17, YYY+23, ZTWM17, AHRR22b, ADWM18,

BML+13, BHvR05, CGL+08a, CGL+08b, CGL+08c, CBZ+16, DS22,

GKP+19, GLjal6, HLBZ20, KW13, KKB14, KF18, LH13, LU04, MD73,

MD74, MK22, MAK18, MA21, NZH02, PSC+07, PJZ+19, Pn19, RWVC, SENS16,

SHR19a, SHR19b, SEP19, TZR17, TZR19, TXCL15].

Approaches [BAL15, FMI18, HM20, JK15, EYS19, TIN09].

Appropriate [ZRS+16]. Approximation [GLW23]. apps [MMP+12]. April

[Ano01b, IEE84a, USE01c]. Arbitration [SKJ+17]. Architecting

[SYC14, TZR19].

Architectural

[DLLN18, DCP+12, Gol73c, JR02, NMHS15, PJZ18, PEC+14, SL12, CFS+12,

DLL+16, PAK16, RV+01, WLL+13]. Architecture

[ASMA21, BBD+91, BKMMS87, BDR+12, BG73a, CAF+91, DAD+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, SJV+05, SADP21, SSB03, SN05a, SIA+17, SWF16, Sun99, TR88, TV12, Tur92, Uhl06, WIS+15, You73, ZL18b, ZZW+21, ZGW+06, Ano94, Ber86, BR01, BNS18, CCL+17, CLDA07, DS09b, FS19, GCA17, GCARP+01, HIIG16, Hog02, HMS04, HPS23, IBM88, IKK+06, Jou85, KW80, KNHH18, LLW+12, LL14, MMTM22, MS01, MJ93, NOK+85, OJG91, RFBLO01, Ros06, SIJPP11, SG09, SDN09, SOKE23, Wel02, YTS14, YYP01, Yu02. Architecture-aware [WIS+15].

Architecture(R) [MBBS13]. Architectures [ACM06b, BN75, BDF19, EMAL17, ELC+19, EG01, GG72, HW93, HHK94, Ian14, PG74, PY93, QTR21, RD90, SXMX+18, BGS13, DM93, EMI13, KMG+18, NBS18, PNM+20, PG73, Skr01, YZW+13, ZTWM17, PS19a].

Architektur [Dal97]. Archive [CLKEF21]. Area [BFG+14, Fis01]. areas [BCZ19]. ARIMA [CSSE21]. ARINC [DPCL22]. Arizona [IEE05]. ARM [CJJ+22, DN14, DLL+16, DNN18, GND16, MGL+17, ZTW17, PS19a].


Atlanta [USE86, USE00a]. ATMS [CGW00]. atomicity [BSHSB14]. attached [Mon97]. Attack [DL19b, WLCS17]. Attackers [CLS07]. Attacks [LSSC22, SL16, SYB12, TV12, WWL+17a, GHD12, NS17, VT14, WXW15].


Automating [MJW+06]. Automation [ACM06a]. automaton [Sig89].
Autonomic [LGJZ16, SKT+19, SEK+19, YWH+21, SWC08, WDCL08].

Autonomous [SC17, NNK21], autoscaler [MPM+20]. Autoscaling [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, 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, JKK+11, JWQG15, KL14, LMM18, LXL+22, Man16, MA21, PYYG21, PHC20, RG17, SDD+16, TB17, WZH+16, XLL+14, XLJ16, XLWX19, XZL+20, YLH17, ZWFX17, ZCG+17, ZLZ21a, ZWL+18, dSdF16, AJBJ23, AT23, ADA+19, AO16, AMAB17, ANH00, BSNB20, CD14, CCL+20, CLL+23, DXM+17, DCMW17, EB1J17, 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, MMH19, MA19, PC21, PFPJ18, PF23, PS23, RNA+22, RKT20, RH17, RHZ+17, SSB+14a, SH19a, SHR19b, SSN12, SGV12, SS22, SZL+14]. aware [SK13c, TDD20, WIS+15, WCC+16a, WDT18, XCJ+14, XWW+21, XLWZ18, XXWG23, YRJ18, YQZ19, ZHHC17, ZWC+19, ZFL+23, ZWH+17, ZSSR22, JZY+22]. Awareness [ZHL16, LCL14]. Azure [Fab13, RHV17]. Azure-Based [RHV17].

B [Req03]. B5500 [Ham76]. BA [KSS+20, KSS+23]. Back [KS08b].

RWX*12, SJV*05, SXH*19, 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, vLSM01, AD18a, ABB19a, AHR22a, AAJD*16, AAT*22, Ano96, Ano06a, AB16, ALL06, AMA*11, BD11, BLMP22, BL17, BSNR20, BY20, BNS18, CL17b, CB22, CPM*18, CEPR22, CVWL13, CGL*08a, CGL*08b, CGL*08c, CWC14, CBZ16, CBJ22, CPM*18, CEPR22, CVWL13, CGL*08a, CGL*08b, CGL*08c, CWC14, CBZ16, CLeC13, CPST14, CPST15, CFRSSR19, CGV10, CRG16, DD20, DP11, DS18, DC15, DLH*20, DPCA11, EB20, ETAB22, EYG21, ESY*17]. based [FGZC23, FS89, FS19, FMJ15, FLCB10, FF96, FL13b, GTGB14, GDSA*17, GH20, GR15, HM20, HKJ19, HO22, HOKO14, HWCH16, JWH*15, JFZL17, Kag09, Kam13, KLY20, KS10a, KRCH14, KKB14, KDB16, KK21, KM13a, KM13b, KM13c, 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, PDM20, PGLG12, PMP23, uRQS20, QZJD16, QBL*23, RGAT18, RH17, RHR20, RG19, RAP19, RCTY19, SJ14, SS13, SENSE16, SG10a, SEM*20, SGV13, SM23a, SS19, SM23b, SPF*07, SYC14, SXMX*18, SOKE23, SV17, SCF00, Sto07, TT96, THB22, TY14, TSCB19, VGL23, Vog03, WKT08, WDCLO8, WXZ*17, WBG*19, WY20, WW77, WYZAD20, XZ11, XZZ*16, XJR*17]. based [XWX*17, XYYY17, XA22, YC98a, YC98b, YZW*13, YZLQ14, YLCH17, YBZ*15, YWH*23, YLY*21, YJC22, YC16, ZG13, ZMD*21, ZLH*15, ZWHC17, ZAI*16, ZFL*23, ZLL*16, ZLS*08, LC13, LPZ*22, LWCZ22, LCL*23a, LCL*23b, LMDP19, MCC18, MPA*18, MW18, NZH20, NRdA*20, NS17, Oi05, Oi06, Oi08, PFH*16, PDM20, PGLG12, PMP23, uRQS20, QZJD16, QBL*23, RGAT18, RH17, RHR20, RG19, RAP19, RCTY19, SJ14, SS13, SENSE16, SG10a, SEM*20, SGV13, SM23a, SS19, SM23b, SPF*07, SYC14, SXMX*18, SOKE23, SV17, SCF00, Sto07, TT96, THB22, TY14, TSCB19, VGL23, Vog03, WKT08, WDCLO8, WXZ*17, WBG*19, WY20, WW77, WYZAD20, XZ11, XZZ*16, XJR*17]. based [XWX*17, XYYY17, XA22, YC98a, YC98b, YZW*13, YZLQ14, YLCH17, YBZ*15, YWH*23, YLY*21, YJC22, YC16, ZG13, ZMD*21, ZLH*15, ZWHC17, ZAI*16, ZFL*23, ZLL*16, 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]. Bedienung [KGG00]. Bee [PS23]. beetle [BR*a]. beginner [RR09, Wes98]. behave [Voe86]. Behavior [EG01, XWH*16, ZDLG17, BSOK*20, CL14, LWB*15, Oi08, SEM*20, Wol09]. behavior-based [SEM*20]. behavioral [CL17b]. Behind [Cra98]. Belgium [ACM04a]. Benchmark [DHPW01, WZT19, GPW03, SMSB11]. Benchmarking [CGS06, RO16, AHK*15, FLM*08, KJ13, ZSO1]. 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, CK06c, CK06d, CK06f, CK06i, CK06h, CK06j, CK06q, CK06p, CK06q, CK06t, CK06r, CK06s]. Betriebssysteme [WR07, WR08]. Better [MW05, Com00]. Between [Jen79, KLLT18, ZLHD15, BDJDs02, BR18, CL17a, GLQ*13, GSW*17, KGS16, MAl73, EYGS19]. Beyond [FPS*02, ACM04a]. Bias [Lee16]. biased [ABDD*91]. Big [ECET18, GTS*15, MSG14, WTM18, BOF17, DXX*17, LMDP19]. Billing [RB17]. Bin [BB17, GR15, SXCL14, XDLS15]. Binaries [PA21]. Binary

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, ZBL18, Blu02, CWG00, G01, Hee07, Hog06, Hog08, JM08, Men03, Siv07, Wil06]. C# [G01]. c-mean [ZB18]. C/C [Blu02]. CA [ACM06a, ACM06c, Ano97a, IEE84b, IEE93a, USE01c]. Cache [HS21, JQWG15, KR18, NsP16, RHR02, SDS21, TBS17, vSMK20, Boz89].
Composable \[JHE14\]. Compose \[RGS^+20\]. Composed \[Wel94\]. Composite \[DKW15\]. composition \[PFNC20\]. Compositional \[Yel99\]. compound \[VMBM12\]. Comprehensive \[AP22, HSN17b, LV99, PCW^+16, PS19a, TFGLeC15, GP13, MFT^+19, MA17, NMC18b, NMC18a, RHR20, YWL^+18\]. compressing \[JDW^+14\]. Compression \[HKKW13, SHTE11\]. compromise \[CD01\]. Comp Sci \[PDC^+12\]. Computational \[MTFK19, RWC21, CMP^+13, CKP^+93, KJJ^+16\]. Computational \[MTFK19, RWC21, CMP^+13, CKP^+93, KJJ^+16\]. Computing \[ACM98, ACM04b, ACM05b, ACM06e, Abr80, AAMBE21, AGC18, AD18b, BMJ^+22, BCW20, BHEP14, CWL12, CPKL17, CFM17, DDS^+94, DPCA11, Gei02, GB19, HCB18, HW12, IEE96b, IEE04, IEE06a, IBBA20, KC16, KGZ^+04, KK19, LCK11, LGXC23, LW12, MSG14, MZ20, MO98, NLPV12, NS12, PCW^+16, PXG^+17, PLZ20, PS16, RCM^+12, RSNK17, RSN^+18, SCSL12, SZW^+16, SEF^+06, SB18, TLC06, USE93, Vog03, WDL^+20, WB18, WCC20, WTM18, XSC13, YLN^+17, ZL18a, ZL16, ZZF06, ZAI^+16, ZD18, ZB20, ADA^+19, Ano96, AMA^+14, ARMA18, AEB19, BB20, BMF23, BS96, CD14, CGM^+23, CDM^+10, CCL^+20, DQR^+13, DS18, DHD20, DCMW17, FGZC23, Fis91, FF96, Fro13, Fu10, GQG^+13, GLA^+08, HKS19, HKJ19, HAK22, Hui18, JC18, JPT94, dCJR16, KHL17, KSO^+15, LBZ^+11, LLW^+12, LZX^+16, LCL14, LTZ^+14, LP11, LPBB^+18, LFHS23, LY23, MB21, MNA16, MK19\]. computing \[MK23, McG72, McK11, MFT^+19, MUKX06, M^+06, MA21, MA17, MA19, MMG^+18, NRdA^+20, NAR19, NIA18, PSZ^+07, PM19a, PDM20, QZDJ16, RNA^+22, RKT20, RGAT18, RHR20, RWC21, RHZ^+17, RQD^+17, Rob06, SSG^+20, SB21, SEM^+20, SM23a, SJJ^+13, SASG13, SEA18, SB10, SHB19, Str05, TMLL14, TMJ^+21, VGL23, WGY20, WH08, XT17, XLWZ18, XA22, YRJ18, ZLZ13, ZWHC17, ZLZ^+19a, ZYLY18, ZSRR22\].

Concept \[AH68, Mad69, SLJPP11\]. Concepts \[PPTH72, Agr99, Don88, MS01\]. 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.

Confiﬁdence [AHRR22a]. Confiﬁgurable [WJGA12]. Confiﬁguration [BRX13, Lar09, A+04, FL13b, SMA+10]. Confiﬁgure [Car14]. Confiﬁring [AL05, Rul07].

Conﬁrmation [MTFK19, OG16]. Confiﬁcations [LDL+08, RGS+20]. Confiﬁcure [Car14]. Confiﬁring [AL05, Rul07].

Congestion-Aware [PHC20, YLH17]. Congestion [CL16b, GR20, LYS+18, PHC20, YLH17, ZWC+14]. Congestion [BRX13, Lar09, A+04, FL13b, SMA+10].

Connected [SMES01, MS00]. connection [MJ93, Tur84, XJW+18, TR88]. connections [FBZS12, Ker15].

Conservation [RK16, TDG+18]. Congress [GHH+93]. conjugate [MM92].

Consisting [SC18]. Consumer [PAKY16]. consumer-centric [PAKY16].

Constraint [LFBB94, DQLW15, HH18, LYYY18]. Constraint-based [LYYY18]. Constraints [AD18b, BB13, FML+22, KKS12, SJ21, LLZ+19, NZH20, SZ13].

Constructing [DM93]. Construction [BJPS73, XYYY17, YCL+18].

Consumption [DSM14, HKM+18b, MV16, FAA17a, FAA17b, Fro13, GPR23, GKK+19, HM20, HMH17, HZZ+14, HH19, HLBZ20, IRB19, JFZL17, JYOB18, gKEY13, KS20b, KCV11, KLI+16, LZZ+16, LBL16, LYYY17, LYYY18, LLWW18, LYY+20, LL14, LWC22, LQD+18, LY23, LDDT12, Man15b, MA19, NZH20, NTH+17, PC21, RT18, R+02, SENS16, SHR19a, SHR19b, SBU18, SSN12, TDD20, VGL23, WCZ+16a, WCH+23, YWH+23, YRJ18, ZLCZ18, ZSR22].

content-aware [WCH+16a]. constituent [RHR02]. Constraining [EGR15, LTE12, TV18]. Constraint [LFBB94, DQLW15, HH18, LYYY18].

Containers [Kov19, Ran20, 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]. Contraction [Par79]. contracts [ZBS 15]. Contribution [Han73, ABB 19b, Han73].
Control [Ahn22, AGLM91, Att79, CL16b, Com65, Cre65, DL19b, GG18, HS19, HHC 16, LJM16, LXL 22, PSBG11a, RSNK17, RSN 18, Sch94b, Sch94a, SDD 16, Sur01, WJ10, WUK 18, WN17, WSA13, WLCS17, Zyt94a, Zyt94b, AS76, AMIA19, BKH 06, FP14, HB08, Kee68, Kis08, KKS12, Liao05, Olb78, PSZ 07, PSBG11b, PSC 07, STS 13, XHW 19, ZBG 05, ZSW 06]. Control-Flow [WJ10]. controlled [KK79, Sto07]. Controllers [AMH 16, SDM21, CGO00].
COOTS [USE99]. Copley [USE01a]. Coprocessor [LRZ16].


Cost-Aware [EVCL21, YRJ18]. Cost-Effective [VS19, HKS19, MMTM22].


CPU [Bar73, Par72]. CPS [CCL 20]. CPU [ASB18, BSS14, GJK 19, HB08, JGW 11, Kam13, LWC 17, PDL 23, SKR01, SK13c, TSN 23, VVT13, WGL13, Yu20]. CPU-bound [TSN 23].

CSDP [War11]. CTO [Cre08a, Cre08b, Cre09, Cre10b, Cre10a].
cuckoo [SB12]. CUDA [EBLM22, MGL+17, PRS16]. cultural [MMH19].
customisable [BNS18]. Customizable [LJFS17]. Customization [PCC+16, CGV10].
customized [CSMB15, HB13]. CVM [DSC+08]. cyber [PTD+18, XZK+20].
cyber-physical [PTD+18, XZK+20]. CyberGuarder [LLW+12].
Cybersecurity [Ott18, ADWM18].
Darling [MR91]. Dartmouth [Lee86]. Dartmouth-Smalltalk [Lee86]. Data [AJ18, AAF21, Aln22, AGC18, Att73, BFHW75, BB13, BC19, CL17a, Cap21, CG16, CTP+17, DY17, EGR15, ECET18, FML+22, FL13a, GTS+15, HTW+19, HO22, IEE84b, JFPL16, KP15, LMM18, LVM16, LLWM23, Man15a, Man16, MMed19, Nei04, PCC+16, SB16, UVL+13, WKJ20, WZH+16, WN17, Wel94, WTM18, XWJ15, YLH17, YWW+15, ZDK+22, ZHL16, dSDF16, vSMK+20, ARA18, ARA20b, ARA20a, AKK+07, AD19, AJB13, AGH+15b, AGH+15a, AHR22b, ATZ21, ATS16, AMAB17, ARMAA18, BK14, BB12, BDE+03, BOF17, CKR17, CLL+23, CFS+12, Cla05, CFRSSR19, DLH+20, DXY+17, FLL+13, GE85, GH91a, GH20, GSK18, HM20, HN08, HKB19, HTB19, HLB20, HUWH14, IRB19, IUK15, IPRS21, JFZL17, JYOB18, KDK20, KBDK22, KTB17, KJJ+16, KSLA08, KB17, LDL14, LZW+15, LZC+16, LRP+19, LMDP19, Man15b, MA18, MRM06, MBM09, MMR15].
data [NZH20, NTH+17, PC21, PVRR14, PRB07, Pon19, uROS20, QXH18, RK16, RH17, RT81, RK81, RJK+17, RGS+20, SZKY21, SB12, SHR19a, SHR19b, SBN18, She91, SS19, SM23b, TSLBYF08, TDD20, VOS12, WK17, WDC08, WZ+13, WCY+17, WHW+20, WO99, WTLS+09, WCG14, XXZ13, XHW+19, XLQ18, XXWG23, YPL17, YGLY21, YLJ22, ZLZ+19b, ZWH+17]. data-control [XHW+19]. data-flow [GE85]. Data-Intensive [WZH+16, JFZL17, QXH18, SZKY21]. Data-Oriented [ECET18]. data-parallel [Sh91]. DataABC [JFZL17]. Database [WK90, BBS06, CSSS11, ECAE13, MN91, MRC+13, PTM+15, SI81, SMA+10].
databases [GDSA+17]. Datacenter [BBM+15, CLLL19, KGGS17, BCP+08, EYG21, GTGB14, MSG+12, SG10b, ZL15, ZWC+14]. datacenter-scale
Datacenters
[FXL+23, IBBA20, JWL+18, KGG18, KL14, LGJ16, LGJ+18, LCZ+19, LW20, SC17, SC18, GLL16, KK21, LPBB+18, WRS13]. Dataflow [HT98].
Datapath [TSP17]. Dataplane [BPP+17]. DAVmS [MA21]. DBT [KS13].
DCN [CYX+17]. DDG [PGLG12]. DDG-based [PGLG12, DDGacc [PGLG12].
de-duplication [CLeC13]. 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, 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]. decentralised
[AJBJ23, HPS23, XJR+17, ZBS+22]. Decision
[CHW12, DJ77, SC17, CFRSSR19, DJ76, FA21, RK18]. 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
[Cho21, KSVR23, MSC+21, ZDS+22, GKT17, Hc-C14, MK22, QBL+23].
deply [TMJ+21]. defending [CVWL13]. 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, ZKW17, ALW15, DS19, HHSG18, LJR12, LWL16, TK20, XJW+18].
Defining [DL89, Hir17, Lot91, BMWB86]. Definition
[Dom80b, SSB14b, SSO84, EMS15, SSB01]. Definitive [Oak14, Chi08].
Defragmenting [SGV13]. degradation [BJ22]. Degree
[GB19, KMM13].
DejaView [LBP+07]. Delay
[RSNK17, RKRK17, WCY+17, ZRS+16, HH18, LCL14]. Delay-cost
[WCY+17]. delay-sensitive [LCL14]. Delivery
[FLZ17, MSC+21, TFlC15]. delta [SHTE11]. Demand
[CWL12, KJ+13, MSS+15, SC18, SEF+06, ZZF06, DEG+17, J+05, JCZZ13, LZW+15, SVG13].
Demand-based [KJ+13, SVG13]. demands [BG20]. Demon
[XYD+18]. Demystify [ZYH+19]. Demystifying [PS19a]. Denelcor
[Dun86].
denotational [Arv02]. Denver
[USE00b]. Deoptimization
[KRCH14].
Dependability [FP14, VW08]. Dependable
[DPCA11, SJW+13]. dependences
[BKC+13]. Dependent
[BP99, BB17]. Deploy
[Kol19, XHW+19, CSMB15]. deployed [RY10]. Deploying
[KLLT18, R+13]. Deployment
[FBM+21, LXZ+21, MSC+21, ZLZ21a, AAB+05b, Bor07, CGV10, LPZ+22, QBL+23, SASG13, WG+18, ZLZ13, ZLV+12, ZBS+15]. depth
[CBFH20]. derivation [MSZ09]. Derivative
[Pfo13]. derived
Deriving [HWW03]. Description [Cre65]. Design
disaster-recovery [BGS13, Mar08]. Disclosure [WWL+17a, FSH+13].
Discourse [MBWW86]. discovering [FBZS12]. discovery [PST15b].
Discrete [GLL+21, YP15, ZGL+17]. Discrete-Time [GLL+21, ZGL+17].
Discussion [G+C1]. 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, KKLV16, AJD09, MA21]. Distributed [Ano10, BBD+91, BDF+99,
CEPR22, CILS12, Das91, FXL+23, FKZ17, FD08, HKLM17, IEE93a,
IEE99b, JWL+18, JZY+22, Kim84, KMG+18, KAZS14, LLW98, LS15,
MLXG19, PP16, PHXL19, SC17, SCL+19, SM02, TCP+17, Vol00, WBS1,
WIS+15, WVT+17, WLS+18, WN17, XWH+16, ZF06, AC95, Ano96, AB16,
AFT01, Bir94, EBLM22, EM13, FS19, Fis96, FX06, Fu10, GKP+19,
KTB17, KJJ+16, KSLA08, LC14, NS17, SJB14, SSN12, SGGB99, SGGB00,
SIK+16, VOS12, WKC+09, XQL18, YYY+19, ZWKX17, ZWHC17, ZB18].
Distributing [HHW10]. Distribution
[Deu08, Vol00, ZKWH17, BTLNBF+15b, WRS13]. Distrusting [SOAK23].
Diversity [SJS+17, WGLL13, WHD+09]. divisible [HM18]. DJM [LLW98].
DMVL [THH+14]. DMZ [Kar07]. DNA [Ano03a]. DNS [Sec10]. Do
[AZEE17, AZEE18, BS19, DL19a, Isl19, Ker15, MFT+19, SMM18, Spa19,
WGW+18, XJR+17, ZMD+21, ZTA+21]. Does
[BC10, NKY+18, SMH18]. Dolly [CSS11]. Domain
[GGM+16, HHV+02, KLF+15, KI90, 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 [JJ91, PBWH+12].
[GMR93]. drafting [MSCK92]. Drive [SYC14]. Driven
[ACM05a, NSJ12, PY93, RB17, SV13, TVO92, XRL+22, CSS11, DLX+17,
EdPG+10, ZBS+22]. Driver [JXL+12]. DriverGuard [CDD13]. Drivers
[Chu06, KJ+10, Nou92, LK04, MSZ09]. 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
[FSC08]. dummies [Low08]. duplication [CLC13]. Durham [Boa90].
during [JK13]. DVFS [Kam13]. DVM [MSG+12, MSG14]. Dynamic
[Abr80, AMAB17, BB13, BHI15, FES+18, DHPW01, DNO+15, DHD20,
FBB+21, GWZ16, GSN93, HTW+19, HLPY16, JWH+15, KKE19, Lee16,
LWM23, LB08, LJJ+15, MR23, MP16, MDG19, NM15, PMH14,
PHXL19, QLL+21, RC18, RAP19, SZW+16, SDM21, TMLL14, TB17, TV12,
Vac06, WWH+16, WCS09, XSC13, XCSM18, XML+18, YLT+23, YL+17,
ZFL15, ZWL09, ADDB+91, A23, ARMMA18, AP18, BK14, BB12, BB15,
BZA12, BOF17, CV15, CPST15, DS18, FGA17a, FGA17b, 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, SHR19a, SHR19b, SSEA18, THH+14, TK20, Tho73, WRSvdM11, WRS+15, Wu13, WWH+17, XWW+21, XH90, YWF09, vKF13. Dynamically [MZG14, SML18, BLRC94, BDT13, FC98, HH13].

dynamically-linked [FC98]. Dynamics [MB20, YWCF15, ACT94]. dynamo [Hol95].


EDSAC [CK96]. Education [ACM06d, GPM21, AJD09, DG05, GLA+08, HMS04, DTW07]. educational [WDSW01, YMY17]. Effective [LW11, LWC+17, VS19, WUK+18, HKS19, MMTM22, Sto07, WKJ15].

Effectively [UR15]. Effectiveness [ELC+19, Man15b]. Effects [JK17, PLMA18, KCV11]. Efficiency [BPP+17, JFPL16, KDB16, AT23, CFRSSR19, DHD20, FGG14, GKT17, GKJ+19, IPRS21, KSSG16, MDZ+21, PVR+14, PBAM17, QXH18, SEP+19, WTL+16, XNH21, ZLYL18]. efficiency-aware [AT23]. Efficient [AMA18, ASMA21, BYZZ20, BWH+19, BHDS09, BKH+06, CWL12, CW+14, CZX+19, CGV10, CHPY17, DMR10, ECI+16, EG01, GHS17, GGR19, HTW+19, HB13, JYM+23, JGSE13, KJL11, KLR+20, LM99, LFH+91, LWM+20, MZD+18, MAK+18, MBBS13, NLS+06, ORPS09, PP16, PW+16, PDY+23, PCC+16, RSI+15, SSG+20, SYZZ+14, SHZ+14, SB73, TLI+17, WLL+15, WCC+16a, WXZ+17, WCC20, WHD+16, WTJ+22, XX+17, YX+18, YP15, ZDK+22, ZZG+23, ZLL+20, ZLG+20, ZB20, AAB+23, AAM+16, AMAB17, BVR+05, BB12, BB115, BRIdM10, BRS+22, BHSB14, BDE+03, CP17a, Car14, CMA17, CFS+12, DQLW+15, DCP+12, DCA17, EGK+02, FM+90, HM20, HM+18, HMK+17, HKJ19, HLB20, IMK+13, JFZL17, KMT+14, Kha19, KK21, KMG+18, KKR+16, LLE+17, LZC+16, LYY+20, LFH+23, MR23, MWM19, NTH+17, NBS18, OMB+15, PEL11, PM19a, uRQ+20, RHR20, RT18, RZ14, RCTY19, SBI21, SENS16].

efficient [SJRS+13, SSN12, SM23a, SGV12, SYMA17, SLA+16, SHT+11, VSMC23, WKJ15, WH20, XXZ+13, XLQ+18, YPLZ+17, YYC+19, YWH+23, YLK+10, ZWX+16, ZDK+19, ZL13, ZLCZ18]. Efficiently [CWL+15, EGS+15, PHX+19, BKC+13]. EGO [FSFP19]. Eighth [IEE+01].
Einem [See08a]. Einführung [CK06a, CK06b, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06l, CK06m, CK06n, CK06o, CK06p, CK06q, CK06t, CK06u, CK06v, CK06w, CK06x, CK06y, CK06z]. Einsatz [Zim05]. Einsatzmöglichkeiten [Zim06]. Einsatzszenarien [Sch13a]. Elaborate [WMUW19]. Elastic [AAMBE21, AD18h, 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]. Elementaires [Han73]. Elementary [Han73]. ELI [GAH+12]. elimination [VED07]. elliptic [AGHS94]. Emnau [IEE01]. em88110 [VdlFCC97]. embedded [Web10]. Embedded [BHI15, DPEL22, DEK+03, DS09a, GGM+16, GCL+21, JAD19, JYM+23, Kut92, Mon97, NKK+06, PPG+17, SMK02, SMP22, WLM+15, AH12, Caa00, CT03, CGV10, HK07, Ivo03, KKC+16, LTK17, MBB13, RJK16, RMB02, TMJ+21]. Embedded-System [Kut92]. Embedding [AM16, BL17, Che21, EMW16, FXL+23, OMB+15, PHX19, PHC20, YLH17, AO16, BG20, BCC+15, CRB12, EM13, 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 [THC+14]. emulating [VdlFCC97]. Emulation [ANO03a, BKM87, CLKEF21, JN15, KKT+17, Mal72, BB08, CWH+14, CJJ+22, GD08, Kam13, YJZY12, Bro89]. Emulator [ANO14b, Bru07, CFH+17, CFH+80, CK87, FS11, MZG14, WCC16b, Bar06, KS13, Les74, She02]. Emulators [ERT03, HHC+16, Mal73, ERT05]. Enable [XD17, HPS23, TMJ+21]. Enabled [HTB22, LXX+21, SB18, DMH18, HTB19, KS20a, SAV12, TUM18, VOS12]. enabler [DPW+09]. Enabling [HD16, HS19, KMK10, NOT17, OVI+12, SPA19, TY14, WGD+16, ZZG+23, LSS04, ZBS+22]. encoding [BDE+09, 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, DQW15, Do11, DCMW17, EGR15, FML+22, FLZ17, HTW+19, HXM+18b, IRB19, JJK+11, JFPL16, JYM+23, KC16, KSS+20, KB21, KSS+23, KDB16, KCS14, KL14, LMM18, LZC+16, LYY18, LGJ+18, LYY+20, LWC22, LFHS23, MDZ+21, OBSR16, PCH20, RK16, RH17, SBNU18, SYMA17, SZL+14, TDD20, WZH+16, XLWX19, YLK+10, YRJ18, ZDK+22, ZWC+19, ZHL16, AJBJ23, AMAB17, ARMM18, BAC15, BB12, BB15, BRIdM10, BJ19, BR+22, CD14, CFRSSR19, DP11, DHD20, DXM+17, FAM17a, FAM17b, FFB+00, GLK+12, GTN+06, GJ+19, HM20, HM18, HLBZ20, JWH+15, JFZL17, JC18, KMT14, KTB17, KR16, LJJZ15, MR23, DPK16, MHI19, NTH+17, NBS18, dOL12, PVRR14, PTD+18, QXH18, RHR20, RP07, RT18, RCTY19, SB12, SENS16, SMSH18, SHR19a, SHR19b, THG+18, VW08, WDT18]. energy [WHW20, XNH21, XZK+20, YPLL17, YW20, YWH+23, YLJ22, ZLZC18, ZLY18, ZSRR22, RNA+22]. Energy-
[WZH+16]. Energy-Aware
[AAK18, Do11, EGR15, LMM18, PHC20, XLWX19, ADA+19, DCMW17, KC16, KB21, LYY18, LWCZ22, RH17, SZL+14, ZWC+19, CD14, DXM+17, GLK+12, JC18, KCS14, MHM19, SHR19a, SHR19b, WDT18, ZSRR22].


Energy-Oriented [BWD+15].

energy-performance [XZK+20]. energy-saving [YLJ22].

Enforcement [LJFS17, NMMP15]. Engineering [Wal10, GLV09, MO98, VG20, GLV10, J+05, MIS05].

Enterprise [ADG92, CMK16, FPR06, G06, LVM16, BSNB20, EM06, Hal08, NS07, WH05, Ano03a, Gal11].

Enterprises [GAHL00]. enthullt [Joo06]. ENTICE [GKP+19, HKM18a].

Entities [ZLG20]. Entity [LGZ19]. 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, JADAD06b, LWC+17, LW+12, Mac79, RT93, TMV12, XSC13, XLL+20, ZD18, AAB+05b, BR+22, BH13, CLDA07, CWG00, DL19a, Don87, DS22, FCD09, FAA17a, GD08, GMR93, Hal09, HL13, JWH+15, JZ+10, JADAD06b, KW13, KKK+18, KMG+18, LJYZ15, LPZ+22, Mg72, MST+05, MW18, MFP+06, NNK21, NS17, PM19a, RGAT18, RG19, RAP19, TMLL14, TT93, TV18, Van06, WLL+13, XZZ+16, YWH+23, Yu20, ZBP05, ZFL+23, ZLLL13, FAA17b].

Ephemeral [WHD+16]. equilibrium [uRQS20]. equivalent [TLX17].

Erasure [ZLL+20]. Erasure-Coded [ZLL+20]. Erlang [TCP+17].


\textit{ESA}/XC [GH91a]. Escape [WLC17]. Escapers [SXH+19]. eServer [R+02, G+05]. Espresso [WZL+18]. \textit{ESPRIT} [RD90]. Essentiality
[FXL+23]. **Essentials** [SNS03, MBM09, VSC+10]. **Estimation** [DSM14, HSK17, KSSG16, NKY+18, OBSR16, LBL16, MPA+18, VWT13, WDT18].

**ESX** [AAH+03, D+04, MWWH05, OH05, Rul07, R+02, Zin05, Hal08, MBM09, Wal02]. **ESXi** [GBK15]. **ET6** [Pul91]. **ET6/1** [Pul91]. **ETAS** [IRB19]. **Ethereum** [HLW+23, Hir17]. **Ethernet** [YCL+18]. **ETICA** [ASMA21]. **Eucalyptus** [AMA+14]. **European** [ACM04a]. **EUROTRA** [Pul91].

**Evaluating** [Ben21, De 06, GLK+12, HH19, HW93, RCM+12, BJ22, SMSH18].

**Evaluation** [AD11, CFH79, CFH80, DAH12, HB12, KD78, MG19, PZW+07, SJA+17, SHB+03, SP22, SHTE11, TFtL15, VMBM12, ACM06c, ALW15, DSSP06, FSH+13, GE85, HTB19, JFZL17, Kao17, Kcc+08, Mcc18, Man18, NMC18a, SL17, 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].

**Evolution** [BG73a, HH79, Kim84, SLM89, SL16, AGS10, 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].

**Executable** [MP01]. **Executables** [LKL+19, AD18a].

**executing** [ACT94, Lot91]. **Execution** [ACM05d, ACM06f, CGMD19, HWB03, KGZ+04, IWC+17, MM93, MO98, PY93, RT93, SV13, ZLSH17, vLSM01, AS76, AAB+05b, BSD19, BFC02, BDK+08, CLDA07, EBLM22, Fre05, GCR+01, GKS+05, dCJR16, MPP+12, OJS91, 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** [Co09]. **Expansion** [Par79]. **Expelliarmus** [SBBP20].

**Experience** [San88, RM03, CARB10, CBLFD12, FDD+19, PBAM17, RSC+15, TGF08]. **Experiences** [NV05, SCD90, Ts14, 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]. **explanatory** [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, Th08]. **Expressions** [KP99].

**extend** [MK19]. **Extended**
[DC15, Gum83, MT16, MT17, ObI78, You73, IBM88]. Extending
[CT03, DLM+06, PTHH14, YTY00]. Extensible
[FLCB10, TSP17, DCA04, YJZY12]. extension [DCP+12]. Extensions
[Fis01, SCP93]. EXTERIOR [FL13b]. External [AA18, LH+20, FL13b].
extraction [WML02]. ExtraV [LKY+17]. ExtraVirt [LRC05]. extreme
[NOR15]. EXUS [SKC73]. eye [Guy14].

Fabric [ZL18a]. FACADE [GLV99]. FACILE [GMP89]. Facilitating
[cCWS14, SWeCM12]. Facilities [Gum83, GH91a, MN91]. Facility
[McK04, MIA83, SM90, IBM72, IBM73, IBM76b, Mcc74, ObI78, SZ88].
Facility/370 [IBM72, IBM73, IBM76b, Mcc74, ObI78]. facto [Rus08].
Factor [SC18]. factors [BJ20]. Fad [Fra98]. Failure-aware [Fu10, ZWH+17].
Failures [YYL+15, PBYH+08]. Fair
[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, JFZL17, KLV+15, KLLY15, 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]. Fault-Tolerant
[FK03, Kim84, YWR+14, SNV10]. faults [CP17b, LRC05]. FCP [SAB+07].
Fe [ACM00]. feature [YGN+06]. feather-weight [YGN+06]. feature
[Bag76]. Features [Gal11, MB21, Mcc74, Bao06b, Bao06a, IT86, LPZ+22].
features-based [LPZ+22]. featuring [Wil06]. FEBI [HLW+23]. February
[Ano10, USE01b]. federated [AO16, CFVP12, dCcdfdO15, KMG+18].
federation [WLW+23]. Fedora [HH08]. feedback [NG13, ZBG+05].
feedback-control [ZBG+05]. feedback-directed [NG13]. FGP [FG91].
FHPCN [M+06]. Fiber [GDSA+17]. Fiber-based [GDSA+17]. Fidelity
[KKT17]. Field [BBM+15, KNT02]. Fifth
[ACM75, IEE96b, USE99, IEE04]. File
[AEMWC+12, AvMT11, Li14, SNC91, ZCJ+21, ZZF06, FFBG08, HC12].
Int06c. JXZ+10, SBQZ14, Vag10, WH08, WF07]. files [LLF+18]. filesystem
[ZYZ+18]. filling [HUSH+14]. film [SL00]. filtering [MG19]. FIMCE
[BD18]. final [Pul91]. find [Fab13]. finding [Bod88]. Fine
[BSSS14, CHW12, CDD13, HSK17, JcZZ13, PG11, RB17, YGLY21, YSS+17,
KZW+19, WJGA12, YTS14, YSM+21]. fine-grain [WJGA12]. Fine-Grained
[BSSS14, CHW12, CDD13, HSK17, RB17, YSS+17, JcZZ13, PG11, KZW+19, YTS14, YSM+21]. Finite [SC17, GLW23]. Finite-Markov
[SC17]. Firefox [KC16, SM23a]. Firefox [Joo06]. Firewalls
[TMV12, DS18, JES+15]. firmware [ABB+15, MSCK92]. First
[ACM05d, IEE84b, LCBW+11, MNS+14, SMP22, ZR06, SS17, SHB+03].
XML, YLWH14, YCL, YML, YLT, YSS, ZZG.

GPU-Accelerated [MTFK19, SCS12, SPAK18]. GPU-assisted [GMK17].

GPU-Job [PS19b]. GPU-Direct [YWCF15]. GPUs [LSL].

GPUvm [SKYK16], gQoS [LYGG20], GRACE [M06], gradient [MM92]. Gradual

[RSF, RAT77]. grain [WJGA12]. Grained [BSSS14, CHW12, CDD13, HSK17, RB17, YSS, JCZZ13, KWZ, PG11, YTS14, YSM].

Grammar [FS89]. Grande [ACM01b, DHPW01, GPW03].

Grande/ISCOPE [ACM01b]. Granularity

[GRACEL, LKY, QBL, SYR, YTS]. graph-based [CRG16].

graphic [Wal76]. graphic-simulator [Ber86]. graphical [Bur02]. Graphics

[An03b, JXL, VLZL16, XML, ME87, Sus76]. Graphs

[Lee16, Bod88, PUL016]. gray [WSVY09]. gray-box [WSVY09]. Greedy

[NNMG15]. Green [KL14, MZ20, LLW, LLL, WZV, XA22, YLHJ14].


Grenoble [ACM05b, JPT94]. Grid [ACM05b, CCWY07, IEE04, MFT, SEF, TLC, ZF, vLSM01, Rob06, SJW, SGV12, ZBP05, AKK, CCO, KGZ, LP14, WKT08, ZBP07].

Grid-Based

[vLSM01]. GridGIS [M06]. Grids [GPM21, CCWY05, MPA, GTN].

Group [Boa, So83, YLN, CKP78, KKK, ZLH].

Grouping

[AAR22]. growth [LDL14]. GSX [Zim05]. GTP [M06]. Guarantee

[LZ15, CMG, MDZ]. Guaranteed [LWZ, WZL, KB21].

Guaranteeing [LZW, YWR, ZRS]. guarantees

[MSG01, ZHCB15]. Guest [CCML12, NOT, ABG14, FLJ13, JXZ, LD11, MSZ9, XHCL15, FDF05, KS08b]. Guest-Assisted [CCML12].

guest-OS [FL13b]. guest-transparent [JXZ]. guests [JK17].

GUI

[PW03]. guidance [JSK]. Guide [Ame13, BBD, Bas04, Bas06, Gal09a, IBM72, IBM73, IBM76a, OAK14, OH05, Chi08, IBM88, INT88, IBM94, KSS9, KS10, MDD, MIS, RR09, TC10, War02, Wes98].

guided

[HLW, SSH17]. Guiltiness [PZJ]. GVirtus [MGL]. gVMP

[SM23b].

H

[JAS, Wel02]. H-SVM [JAS]. HA-VMSI [ZTM17]. Hack

[WMUW19]. hacking [Sp06]. Hadoop [GLBJ18, ZRD].

Handbook

[Bod10, Fis09, NSH10, War05, Joo09]. Handbuch

[Joo06, WF03, Bod10, Fis09, Joo09]. handler [Sal02]. handles

[Ven97b, Ven97c]. Handling [AMB, SB16, SMA18]. Hands

[Kol19, MDD]. Hands-on [Kol19, MDD]. Harbour [MR91]. Hard

[JYM, LTK17]. Hardness [RS20]. Hardware

[AE01, CWS12, Cla97, Cao71a, HHV, HWF07, Hsu01, JAD19, JSHM15, JAS, KAJJ93, KLK, LH16, LZW, Mac79, NSL, OT97, PvdS08, RTL, SYB12, SWF16, WSC06, YVCH17, YVCB18, ZTM17, vD06, AA06, AJH12, AEB19, BHDS09, CBGM12, CP17b, FP14, HH13, HP77, KW13, KJM, O05, OI06, OI08, OI78, PGLG12, PBB13, RPE12, RSG01, RSK01, SGV12, ZBP05, KS10, MDD, MIS, RR09, TC10, War02, Wes98].

Hence

[DD, BB02]. Here

[Ap92, CHP01, FJ10, JAS]. Hereafter

[BB02]. Herewith

[CHP01, FJ10, JAS]. Heterogeneity

[BB02]. Heterogeneous

[CHP01, FJ10, JAS]. Heuristic

[BB02]. Heuristics

[CHP01, FJ10, JAS]. Heterogeneously

[BB02]. Highly

[CHP01, FJ10, JAS]. Hilbert

[BB02]. Hilbert-Transform

[CHP01, FJ10, JAS]. Histochemistry

[BB02]. Histology

[CHP01, FJ10, JAS]. Histological

[BB02]. Historically

[CHP01, FJ10, JAS]. Historian

[BB02]. Historians

[CHP01, FJ10, JAS]. Hurricanes

[BB02]. Hurricane

[CHP01, FJ10, JAS]. Hunt

[BB02]. Hunter

[CHP01, FJ10, JAS]. Hunter's

[BB02]. Hunter's

[CHP01, FJ10, JAS]. Hunting

[BB02]. Hunter's

[CHP01, FJ10, JAS]. Hunting

[BB02]. Hunting

[CHP01, FJ10, JAS]. Hunting

[BB02]. Hunting

[CHP01, FJ10, JAS]. Hunting

[BB02]. Hunting
Hardware-Accelerated [SWF16]. Hardware-Assisted [JSHM15, JAS+15, RTL+18, AJH12]. Hardware-Based [PvDS08, KLK+22, KJM+07]. 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]. Healthcare [AAR22, KS20a]. Healthcare-Cloud [AAR22]. heal [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]. hesistant [FA21]. Heterogeneity [GLS15, KR16, XLIJ16, AMB+17, WCS09]. Heterogeneous [GKSP99, HSK17, HHS18, HWCH16, KGS17, KGS18, LMM18, LWW16, LLZ18, OVI+12, PDY+23, RG17, YLH17, ZSP+21, ZAI+16, ZB20, Bac11, CDM+10, CKRJ17, DCMW17, GTGB14, GARPC+01, KHL17, KKB14, KSS+18, LZW+15, NRS92, FMC05, RAP19, SWH+13, SWC08, ZL1L13]. HeteroOS [KGS17, KGS18]. HeteroVisor [GLS15]. Heuristic [BL17, LWW16, XIH0, CD14, HAK22, KMT14, SM23b, T5R19]. Heuristics [ARMMA18, ATS16, BB12, KR16, Man15b, SBNU18]. HI [Shr89]. HICAMP [CFS+12]. hidden [CWD0+06, WQG15]. Hiding [CLS07]. Hierarchical [ABB19a, DM75, Gee68, HPS23, SPAK18, YWF09]. Hierarchies [TBS17]. Hierarchy [SBK15]. High [ACM98, ACM04b, AMA18, Bad82, BPP+17, BCW20, CW03, DMS02, DYL+12, Han16, Hog02, IEE96b, IEE06a, IBB20, KCWH14, KBK+21, KKT17, KMM13, KKS+19, LCK11, LMG01, LRP+19, LJJ12, LHAP06, MLG+02, RCM+12, RB01, SD01, SCSL12, SV13, SYC14, URJ18, Vos03, WQG15, WCC16b, YWCF15, ZLSJ17, dGG+17, AAF+09, Ano66, BML+13, DQR+13, EMS15, FF96, Fu10, G+01, GTN+06, GGJ+92, GBCW00, HKJ19, LBZ+11, LLE17, LM99, LMG00, LDL+08, ML78, MUX06, M+06, MRC+13, MMG+18, RQD+17, SB10, SPF+07, SPAK18, HWX15, WWH+17, XJW+18, ZY+18]. High-Assurance [LJZ12]. high-availability [Fu10, LDL+08]. high-bandwidth [WXW15]. High-Endurance [AMA18]. High-Fidelity [KKTM17]. High-Level [DMS02, RB01]. High-Performance [ACM98, IEE06a, IBB20, KCWH14, LMG01, SD01, SCSL12, URJ18, WCC16b, dGG+17, Han16, Hog02, KBK+21, SYC14, HKJ19, LLE17, LM99, LMG00, MUX06, SPF+07, SPAK18, WWH+17, ZY+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, TC08]. Hilton [IEE90b]. HipHop [AEM+14]. histograms [CL14]. History [Ran20, SKJ+17]. History-Based [SKJ+17]. HITAC [KAH83]. Hitless [ZW20]. HIVE [Tay76]. HLA [LCT+15]. HLA-Based [LCT+15]. hold
Independent [DHPW01, DS09a, KAH83, USE93, GPW03, PW03, PFH+16].
Index [Cox12]. indexed [JYW+13]. Indirect [tTR82, CEG07, EG03, JYW+13, KJM+07]. individual [LWLL16]. induced [ZLZ+19a]. Industrial [AAMBE21, PTD+18]. Industry [SXH+19]. 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, HW12, Int05a, Int05b, Int06b, Int06c, Int06a, LPSS19, McC08, MJW+06, Nel04, NKK+06, NSC+22, OG16, Ott18, PP16, XH16, AMA+14, AA18, BDS+09, Car14, Hal09, HS13, HH13, Hui18, J+05, KN18, KSRL10, KR16, LLY+18, Low08, dOL12, YW20, MR04, PW03, RSF03, Fro13]. Infrastructures [WTM18, ZB20, ACG18, CSMB15, FPGK18, LPBB+18, MPM+20]. Ingens [KYP+17]. inherently [TDG+18]. injection [CP17b]. InTag [HKD+18]. Input [ACL72, Wal76]. Input-Output [ACL72]. insider [LC09a]. Insiderinformationen [LC09a]. insiders [KSS09, KS10]. Insights [Rev11]. Inspection [SK+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 [YTY00]. integer-reference [YTY00]. Integrated [BDF19, QLL+21, SP22, vCPWvT11, CWG00, HKJ19, YZLQ14]. Integrating [JMSLM92, LTT92, LCL14, OBR16]. Integration [GMP89, VGF16, Ame13]. integrierten [Deu08]. Integrity [CW03, DL19a, DM75, (F071, (F078, QT06, WJ10, CS76, JXZ+10, KBC21, LXS19, XCHL15]. Intet [AJM+06, CMP+07, DLM+06, Dou06, KBC21, NSL+06, NKK+06, NBB+19, RSW+06, RJ00, UHR+05, Uhl06, vSMK+20]. Intelligence [MR91, JNR12, MPA+18]. Intelligent [GH91b, PF23, FGZC23, HTAY21, JYOB18, PTD+18]. intelligente [PO09]. IntelliiJ [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, SSC90, WLS+18, YYY+23, Ber86, HMS04, KJDL14]. Interconnect [RCM+12, SKJ+17]. interdependencies [LBF12]. Interface [Cro93, SH04, Sun95a, Guz01, HP77, VL00]. Interfaces

Interferences [ZRZY15]. InterLISP [II79]. intermediate [GLV99]. internal [SI81]. internals [MKM_08]. International [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b, BW03, EEE8b, EEE95, EEE93a, EEE96b, EEE02, EEE03, EEE04, EEE05b, EEE06a, LCK11, MS91b, MR91, Ost94, SS05, Shr89, Tho93, TLC06, ACM06c, JPTF94, M_06, HHK94]. Internet [Ano99b, CK06b, KGG00, ASL_20, AAMBE21, APST05, Ano03a, CHCC07, CK06b, CK06c, KB21, LLW98, Mon97, PTD_18, SXH_19, SDM21, WSX_19, Wid01]. Internetkommunikation [CK06b, CK06c, CK06d, CK06g, CK06f]. Internetprogramme [CK06b]. Internetprogrammen [CK06b, CK06c, CK06d, CK06g, CK06f]. Internship [HMS17]. Interoperability [GSS_18, CPM_18, Men03]. Interoperable [TDMP23, KKB14]. Interpretation [FTNY69]. Interpreter [MSI18, SMK02, Ber86, KMMV14]. interpreter/graphic [Ber86]. interpreter/graphic-simulator [Ber86]. Interpreters [EG01, CEG07, EGKP02, EG03, Ert05, KKC_16, SYZZ_14, ZLBF14, Ert03]. 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, CK06c, FDF05, IBM76b, KS08b, Sch94b, Sch94a, Boe15, Wun13]. introductory [BR01, Don88]. Introspection [CCML12, CLcC13, DGLZ_11, FL13a, NBH08, Pfo13, SIdLB15, WWMG06, FL13b, HN08, HcC14]. Introspection-based [CLcC13]. Intrusion [HTAY21, AMA_11, LMJ07, MA17]. intrusions [JKDC05]. intrusive [ZXY_15]. Invariants [PEC_14]. Investigation [EVCL21]. invited [Piz17]. invocation [Ven97c]. Invocations [WZK19]. IOMMU [YWCF15]. IoT [ABB_19b, AMB_17, BSL_18, BLMP22, HCB18, KS20a, MPA_18, MA19, NBS18, PFPJ18, RC18, SJL20, TV18, XL17_20, XZL_20, ZYX_18]. IoT-enabled [KS20a]. IOV [DYL_12, DCP_12, HB12, XD16, XD17, YWCF15]. IP [AM16, CF00, HWHW18, NTR18]. IPv6 [GLQ_13]. Iron [Ano05].

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]. iteratos [ZLBF14]. IV [Int06c]. IVME [Ert03]. IX [BPP+17, IEE97].

J [AC98]. J2EE [JDJ+06]. J9 [WKJ15]. Jahrestagung [Mühl75]. 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, CH08, Claz97, Coh97, CDG97, Cra98, Cza00, DaJ97, DHPW01, DD20, DEK+03, DS09a, DBC+00, DCA04, DLS+01, EG03, Eng99, EL98, Eng06, FFB+00, Fra98, FK03, G+01, GGG03, GCARPC+01, GPW03, GBCW00, HT98, Han05, HM01, HOKO14, HWB03, HBS08, IJ03, J02, J03, J0u07, Kal97, KS13, LM99, LMG00, LB98, LV99, LV97a, LV97b, Ly99, Lyxxa, Lyxxb, LYBB13a, LYBB13b, LYBB14, LTK17, MSG01, MO98, Men03, MD97, MDxx, MLG+02, MB08, Mon97, MP01, NG13, OT97, Oak14, Oi05]. Java [Oi06, Oi08, PTHH14, PN+20, PRB07, PV06, Qin99, RJ+01, RHR02, Ran02, R+13, Req03, RRB19, SMK02, SSB+14a, SD01, SE12, SH04, Sch13a, SSMGD10, Set13, SMSB11, SSB03, Shi03, SM01, SVG12, SEP19, Siv04, Smi97, SB01, SSB14b, SH+03, Sun95b, Sun95a, SUN97, JCV99, Sun99, STS+13, SM02, Sun01, TaJ98, ToJ98, 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].


Ano00, Ano01a, Ano01b, USE01c, USE01d, USE02, AC16, CSS+16, DBC+00, Guy14, Kha19, R+13, RRIB17, 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, SM90, SYB12, TY14, WLMD16, DD20, LWM14, LY23, UhI07, VMBM12, KM13a, KM13b]. Kernel-based [TY14, KM13a, KM13b]. Kernelized [WCC16b]. kernels [HPHS04, RMM02]. Key [LCMV17, TF16, DPW+09]. Key-Value [TF16].


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, Kam83, Luc97, MR04, PW03, PFH+16, RSF03, SIR+17, SVB93, SUN97, WIDP12, WBHN18, Arv02, Ber86, BD01, BMR14, 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, KP99, LFBB94, PTHH14, SSG90, Tol89, YKM17, ACM99, BDT13, Jou85, ML78, MRG18, PMC05, PUL016, SSB+16, Sus76, TB14, Wel02, Wu13, YWF09]. LARD [WCG14]. Large [DK93, GKBB15, PHL+12, RIP18, RGSJ17, SADP21, SLM89, XDSL15, ZSXZ07, ZLL+14, ZT+21, BLRC94, DK75, FPGK18, LPD+11, Nie12, Req03, STMV18, SZ13, SHTE11, WCG21, YZSC17].

Large-Scale [PHL+12, SLM89, XDSL15, ZLW+14, ZTA+21, SLZ13, WCG21, YZSC17]. last [Rob12]. Latency
latency-aware [MMTM22]. Later [FS12]. launch [AMIA19]. launch-time [AMIA19]. Layer [SkT+19, BTLNBF15b, BTLNBF15a, EBLL122, MA17, RSLACLB16, ZFY18]. layered [PSC+07]. layering [YWF09].

LayerMover [ZFY18]. lazy [Wak99]. LDA* [YZSC17]. leadfoot [HHPV15]. Leaking [vSMK+20]. Lean [WZL+23, SV15, Ven96]. Learn [BWH+19]. Learn-as-you-go [BWH+19]. Learning [BRX13, Che21, DS18, FFMB+23, GPM21, HPS22, JYOB18, KKE19, KSVR23, MSC+21, XRL+22, ZXR+18, RT18, WBW+19, WZZ+20]. Learning-based [DS18, ZXR+22]. Learning-Driven [XRL+22]. legacy [LU04]. Legally [Sam22]. LegoSim [RMB02]. Length [GR20]. LEON [PDL+23]. 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, AD18a, AL05, BSM+12, BSD19, BSO+20, But94, Cia07, EGD03, FLCB10, IM75, JHE14, LZW+17, ML78, SVN+10, SWCM12, SSG90, WHSE15, WCG14, ZLZ13]. levels [CCMY07]. Leveraging [LLF+18, LDL+08, Pfo13, RTL+18, ZL13, AJD09, RAT17, ZBG+05]. Libraries [DK93, Int05b, DSS19, Won97]. Library [Cro93, SJS+17, KS20b, PBWH+12]. 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, ZTWLM17, vMAT14, AMA+11, CCL+17, DQR+13, DL19a, PDM20, RQD+17, SSU+12, TMJ+21, TB18, XZ11]. Like [Abr80, RVH17, SSOT17, Voe86]. LILA [Dan86]. Limbo [Luc97]. LimeVI [WLG+11]. limited [CH08]. Limits [WBB+16, vKF13]. line [SV17]. linguistic [UR15]. Link [KLLT18, CRB12, GGJ+92, JK15]. linked [FC98]. linking [FC98]. LINUX [KG990, Ano06a, CK06a, CK06b, CK06g, CK06f, CK06i, CK06h, CK06j, CK06o, G+06, Mar08, USE00a, WF03, ABB19a, Ban05, Bau06c, BBHL08, Ble10, Bor01, CK06a, CK06b, Com00, Com03, DN14, Dav04, Fab13, G+06, GND16, MGZ14, NSHW10, NV05, P+08, Ros14, Spr06, Spr07, VMBM12, Win13]. Linux-based [ABB19a]. Linux-Server [Mar08]. Linux/OSS [Ble10]. Liquid [Li14, ZL18a]. LISP [ACM90, CK87]. List [TT96]. List-based [TT96]. Listing [LK+19]. Literature [BDF19, DCM22, ARA18, ARA20b, ARA20a, ZJR19]. LITL [Lam75]. little [Men03, YYPA01]. Live [AGC18, BWH+19, CCZ+06, Deu08, DK17, ECJ+16, HKN22, HTB22, JFPL16, JDW+14, KKL16, LSC+17, LZL+15, LJJ+11, LH15, LZN+20, MZD+18, MK22, MJC+21, RJS+18, SHW+15, SKI+17, TUM18, XLL+14, XD16, XD17,
Live-Distribution [Deu08], live-migration [JKK+13], Live-Streaming [MSC+21]. lively [STFH15]. Liveness [ADM98, LDL14]. LLC [KKH14].


Machine
Ven97b, Ven97c, Ven97d, Ven99b, VVB13, VGL23, WGF11, WKT08, WRX11, WZV+13]. machine

[VKJ15, WCY+17, WSX+19, Web10, WHW20, WLL+13, WW77, Won97, XHL+13, XJC+14, XJWW15, XZZ+16, XLWZ18, XZK+20, XXWG23, YME05, YZW+13, YLH14, YLHJ14, YPLZ17, YLCH17, YW20, YBZ+15, YYC+19, YWH+23, YLKW+10, YSM+21, YC16, YRJ18, YGN+06, YQZ14, YQZ19, YTY00, ZG13, ZWX16, ZYX+18, ZLZ15, ZLH+15, ZHH+17, ZFY18, ZWC+19, ZLCZ18, ZYLY18, ZWC+14, dSK17, AEM+14, AAB+05a, Aao97b, Aao97c, Aao97d, AC98, BD01, BP01, BP03, BZD17, Cao00, CCWX05, C87, Cla97, Coh97, CDG99, Cra98, Cza00, DD20, DCA04, DLS+01, Eng99, FS11, FF+00, Fra98, FK03, Fuj91, GKP+19, GGG03, HT98, HM01, HLW+23, HWB03, HB08, Ivo03, JR02, JDJ+06, JJ02, Juo07, KM13a, KM13b, LMG00, LMG01, LB98, LV99, LY97a, LY97b, LYBB13a, LYBB13b, LTK17, Men03]. Machine

[MB98, Mon97, MP01, OT97, Oi05, Oi06, PTHH14, PNM+20, PRB07, Ran02, RRB19, RB01, SMK02, SSB+14a, SH04, Sch13a, SMS01, Set13, SMSB11, Shi03, SG12, Sim92, Siv04, SSB01, SSB14b, SM02, Sur01, Ta098, TBB22, Ta098, T096, TR88, TR15, Ven99a, Vel02, W99, WMG06, W9D00, A97a]. Machine-Based

[LW11, WB81, CGV10, WKT08, YZW+13]. Machines

[Ano75, ASSB18, Att73, AH68, BMS16, BP99, BDJdS02, BSSH+14, BWH+19, See05, BB13, BIPS73, BRX13, BGG73a, CL17a, CWL12, CCML12, CWS12, CGMD19, CSS+13, CL16a, CCO+05, CH78, CHLY18, CDN02, DSM14, DEK+03, Den01, DK17, DMR10, DKW15, Do11, EGR15, EGJS15, EJC+16, Ert03, EDS+15, Gal75, Gal73, G+01, GTA+15, Go17ab, Go17c, Gum83, Han73, HKLM17, HTB22, HB17, Hof20, HS06, HPP15, Ian14, JE12, Jen79, JXL+12, JAS+15, KJ+10, KCW14, KJL11, KP15, KPHA20, KA12, Krv19, LMR18, LZZ+15, LYY+17, LLWM23, LD05, LXW+23, LHAP06, LW12, LJJ+15, LLZ18, Mac79, 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, UT87, Vog03, WLW+15, WGLL13, WZL15, WLLZ16]. Machines

[Win71, XSC13, XLL+14, XLL+20, ZRD+15, vLSM01, Agr99, ABB19a, AAH+03, ADA+19, AGH+16, ATS16, AAM+16, AMAB17, AS14, BAC15, Bac11, Bag76, BML+92, BDF+98, Bhv05, Bel06, BB12, BB15, BJ22, BPPM+22, BBM09, BBS06, BB95, CL17b, CGM17, CSSE21, CCL+17, CH08, Cra05, Cra06, CWDO+06, CLL+13, DDS+94, DC15, DCE+17, DQLW15, DZS11, DCMW17, EB20, EGD03, EM06, Ert05, EL98, EMS15, FBZS12, Fit14, FHL+96, FGLI15, FX06, Fu10, GI12, GVI13, GKJ+20, Go17a, GJK+19, GLV+10, HKS19, HM18, HMMH17, HZZ+14, Hin97, HDG09, Hol95, IMBB20, JES+15, JWH+15, JDW+14, JGSE13, JYOB18, KDK20, KSSG16, KRC14, KBB11, KBC21, KR16, LMM07, LZZ+16, LL+18, LJ12, LQQ+12, LF19, LC13, LTZ+14, LSS04, Man15b, Mat09, MK19, MK23, MG13, MRG17, MMTM22, hTMAC+08, MPM+20, NK10, NOR15, PKS+19, PFH+16].
machines [PSBG11b, PMC05, PDM20, PBYH+08, PRS16, PV08, uRQS20, RK16, RH17, RHR02, RG19, RT18, 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, TGCFL08, TMML12, TDG+06, TTeGC13, VT14, VED07, WVT13, WQG15, WXZ+17, WDT18, WCS06, WSVY09, WRSvdM11, WRS+15, WCG21, WCZ+23, XHH21, XHL15, XWX+17, XTB17, XA22, YC98b, YF09, YLJ22, YWGH13, ZBG+05, ZWHC17, ZLW09, ZSR22, ADM98, BHDS09, CT03, Cla97, MLG+02, PEC+14, SM01, UBF98, VED06, YCY98a, ZS01]. macro [Wel02].
macro-architecture [Wel02].
Made [Ste05, PDL23]. Mail [Joo06]. Main [AW17, AMH16].
mainframe [GBO87]. Mainstream [Uhl06, BBHL08].
maintaining [HBP06]. maintenance [LSS04]. Major [Cap21]. Make [THB06, BC10, DMH18]. makes [Wal10]. Making [HKKW13, NSC22, Voe86, XLL+14, CFRSSR19, FA21, SK13c, SLA16, SHTE11, Syr07, TZK17, TGCF08, TMMVL12, TDG+06, TTeGC13, VT14, VED07, WVT13, WQG15, WXZ+17, WDT18, WCS06, WSVY09, WRSvdM11, WRS+15, WCG21, WCZ+23, XHH21, XHL15, XWX+17, XTB17, XA22, YC98b, YF09, YLJ22, YWGH13, ZBG+05, ZWHC17, ZLW09, ZSR22, ADM98, BHDS09, CT03, Cla97, MLG+02, PEC+14, SM01, UBF98, VED06, YCY98a, ZS01]. macro [Wel02].
macro-architecture [Wel02]. Made [Ste05, PDL+23]. Mail [Joo06]. Main [AW17, AMH+16].
mainframe [GOB07]. Mainstream [Uhl06, BBHL08].
Malware [CLS07, CD12, GG11, AD18a, CVWL13, CWdO+06, PDM20, YJZY12].
MAN [TDG+06, YYP01]. MAN/WAN [TDG+06]. manage [Car14, Fit14]. Manageability [Gua14, MW05]. managed [CBGM12, CFG+13, GKR05, RJK16]. Management [AW17, CMK+16, CTP+17, DMR10, HTW+19, HC17, HTB22, KGG17, KGS18, KR18, KL14, LR09, LJJ+15, LCMV17, LCF12, LXM+16, MBWW86, MDGS08, PLMA18, PYYG21, RC18, SMES01, SC17, SDD+16, SKT+19, SP22, TB17, WIS+15, WLW+15, WGLL13, YYY+23, ZCL+21, AHH+15, ATS16, ARMMA18, BAC15, BEG12, BBMA91, BHDS09, BN89, CH08, Cha05, EBJ17, Fit14, Fu10, GTGB14, GLK+12, GAHL00, HKJ19, HB13, IMK+13, IPRS21, KCKC15, KMG+18, KF18, KB17, LLS+08, MR23, MS00, MBA+12, NBS18, NS07, dOL12, PMP23, RH17, RHR20, RP07, RJK16, SBBP20, SG10b, SWC08, TRG13, Wal02, WDC10, WWWL13, WB16, WCS06, WSVY09, YLCH+17, YWT+15]. Management-Complexity [SP22]. Manager [Car13, Car14, KMT14, Apr09, MBA+12]. Managing [BB13, KGZ04, LCZ+19, BCP+08, J05, YLHJ14]. Manipulating [GK05]. Manipulation [VGF16]. Mantle [BB95]. Manual [CRZ83].
Mastering

Matching

Mate

maximally

Maximization

Maximizing

May

MBSA

MC

MC-VAP

MC68020

MCG

MCG-mesh

MDev

MDev-NVMe

MDRs

Mean

Measurement

Measurements

MECOM

Media

Mediated

Megalos

Megh

mehr

Memento

MemFlex

memories

Memory

Memory-Aware

memory-based

memory-limited

Memory-Oriented

merging

mesh

message

message-passing

messaging

meta

meta-heuristic

meta-heuristics

meta-tracing

metacircular

Metacomputing

metaheuristic

metaheuristics

metal

Method

[BS90, Kra90, MM93]. Mastering

[BER09, Low20, Low11, LMG+14, McC08, Sub11]. Matching

[Cox07, Cox09, Cox10, Cox12, YDW18]. Maté [LC02]. matrix

[Kra90]. maximally [SS19]. Maximization

[MLX19, ZHW+17, JTH+15, KTB17, LWLL16]. Maximizing

[BYBYT16, ZRD+15]. May [ACM00, ACM06e, Ano04b, IEE84a, IEE90a, IEE91, IEE06a, Mar01, TLC06, USE99, USE06, Yur02]. mayfly


[AW17, AZEE17, AZEE18, AMH+16, Bad82, Bro89, VMW+19, CLLS12, Cro93, GHS17, GGJ+92, GKBB15, HHS18, HHC+16, HPP15, JKK+11, KLY+20, KGGS17, KGGS18, LIW+11, LH16, LSCC22, LJJ+15, LZW+17, LXM+16, MKKE12, PTT+23, RDI+18, RLZ+16, RWX+12, RGSJ17, SMES01, SLM99, VTH16, Wall02, WW+16, WWL+17a, WK90, WTLS+09, WZL+18, XML+18, ZL18a, ZLSI17, ZCL+21, AKH+15, ASP22, ATS14, Ano15, BHD19, BFS+18, CWH+14, CWC+14, ClC13, CH08, CMM+06a, CMM+06b, CMM+06c, GPS+18, GMK17, GVI13, GND16, 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, VED13, WSS89, WZW+11, WWW13, WK08, ZF14, ZWX17, 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 [SRS+13, ZGW+06]. Message

[GGM+16, DM93, TO91, UR15, XH90]. message-passing

[TO91, UR15, XH90]. messaging [Joo06]. meta

[BT15, HAK22, SBNU18, TS19]. meta-heuristic [HAK22, TS19]. meta-heuristics [SBNU18]. meta-tracing [BT15]. metacircular

[PBAM17]. Metacomputing [MDG98]. metaheuristic

[ATZP21, EYGS19, XA22]. metaheuristic-based [XA22]. metaheuristics [ARMMA18, SEM+20]. metal [AGH+16, GAH+12, OSK15]. Method

[NET+22, AAMBE21, AC16, BP99, BA19, DEK+03, HT98, ZLZ+15, Mar73,
QLL+21, RSNK17, SXH+19, TTH+19, ZAI+16, ATZP21, BJ22, CSSE21, DXM+17, JKK+13, JXZ+10, LYYY17, LYYY18, LXRS19, LY+20, MHM19, MA19, NS17, SEM+20, THH+14, Ven97c, XZK+20, XA22, YLHJ14, ZFL+23, ZSR+22. Method-Level [AC16]. methodology [FS89]. Methods [BDG18, HSN17, RKR+23, SDH08, TH99, AAC+17, BMWB86, MG19, NK22, XH90]. metric [SS17]. metrics [BSO+20, Sch13a].


Microsoft [Lar09, Zim05, Ano99a, B+07, Car13, CBER09, Gal09b, Joo09, Kal97, KV09, KSS09, Kala09, MR06, NOut2, Sto05, WOn97]. Middle [ZYH+19]. Middleboxes [KRS+17, YDW18]. Middleware [ACM05b, HOKO14]. Migrate [YBZ+15, CLL+13, KB21]. Migrating [JE12].

AGC18, ABV12, BWH+19, BFG+14, BW+15, CYX+17, DK17, EMAL17, GWZ16, HTB22, HPS22, KC16, KGS16, KLKV16, LSC+17, LZZ+15, LJJ+11, LH15, LZZ+20, MZD+18, NBK16, PS19b, RSNK17, RSN+18, RJ+18, SL14, SHW+15, TMV12, XWJX15, XLL+14, XD16, XD17, XLWX19, YWR+14, YWW+15, ZRS+16, ZCG+17, ZDLG17, ZLZ21a, vLSM01, AGH+15b, AGH+15a, AS14, BAC15, BMF23, BB08, C2C13, DS20, EYG21, FGZC23, FMI18, FGLI15, GJK+20, HLL+10, HK22, HTB19, HH19, HAK22, HDG09, HPS23, JK+13, JG+11, JDW+14, JGSE13, KN18, KLY20, KSS+20, KSS+23, KTB17, KJL15, LZWD15, LZZ+16, LFBQ19, LLZ+19, DPBK16, MG13, NK22, NAR19, NIA18, PC12, PKS+19, PDC+12, PFPJ18, PCB+18, RK16, RCTY19, SEM+20, SM01, SS22, SYMA17, SSS+13, SLA+16, SHTE11, TK20, TDG+06, WCY+17, WSX+19, WDT18, WL+11, WSS111, WRS+15, XWW+21, XA22, YW20, YBZ+15]. migration

ZLZ15, ZHHC17, ZFY18, ZLZ+19, ZLZ+19a, ZLZ+19b, ZNS14, ZLLL13, ZLY18, MK22, TUM18. Migrations [WVT+17, CBJ22, GSK18, JES+15].


Mining [NAS021]. MINIX [Kel06, vdK90]. Minneapolis [IEE92]. Minnesota [IEE92]. MIPS [RWX+12]. MIRAGE [PC21]. mirror
Mistakes Misalignment | SC18. misses [BLRC94]. Misson [Ano10].
Mistakes [Ste05]. Misuse [Ahn22]. Mitigate [WWL+17a]. Mitigating
[ASSB18, IYAK23, WZKP19, ASB18]. Mitigation
Mixed-Criticality [WLM16]. 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, LLLE17, LFHS23, SASG13, WHE15, ZLZ+19a].
mobility [FX06, SBP+17, ZLZ+19a]. mobility-induced [ZLZ+19a]. Mode
[Dav04, CWH+14, Co99, YLJ22]. MODEF [SMP04]. Model
[Bar73, BRX13, CHW12, DL19b, GGK18, HKM+18b, IBM76a, KKTM17,
KF91, KCY22, KAZS14, LLWM23, MTFK19, MV16, MP01, NEd04, NSJ12,
WLCS17, XDSL15, YLH17, ZDLG17, ABHJ23, Bar78, BMF23, BCM00, Bir94,
CKP+93, EYG21, Fre05, JFZL17, NNN21, RHR20, Req03, SS13, TMJ+21,
WO75, YZLQ14, ZP14, ZBG+05, ZGL+17]. Model-Driven [NSJ12].
Model-Free [BRX13, ABHJ23]. Modeling [ACM81, CH78, GLL+21, IN87,
KRG+12, LDL14, PPNC20, SHB19, TIN09, 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, BK02, CPM+18, CBH20,
HC107, Lia05, RO16, VVB13, WD18, Ble89]. Modern [Ano03a]. Modern
[BDG18, EG01, FKZ17, GG11, KKS+19, FIF+15, KB17, ZDK+19].
Modification [Ahn22]. modified [FS19]. Modular
[AvMT11, ADWM18, DCA04, FC98, LH13, TO91]. Modularity
[SVB93, DNR06]. Modulation [WUK+18]. möglichen [Hin08]. moldable
[HZZ+14]. Molecular [YWCF15]. MOLP [ZB18]. monad [Dan12].
Monitor [LXM+16, PDL+23, QT06, Ren78, RI00, RT93, Ros99, SVL01,
AGS10, ALL06, AMA+11, Co99, KOY05, Kou11, SHLJ13, SSU+12, TT93,
XZ11, YZSC18]. monitor-based [AMA+11]. Monitoring
[BAL15, CCML12, DLT+17, LZW+17, PL20, RV17, WLL16, ZL16,
ZL18b, ZXY+15, ACT94, CL14, EYG21, JXZ+10, JADAD06b, LMDP19,
WSX+19, YCL+19, YW20]. Monitors [JHS12, KS08a, KF91, RG05,
WCG05, BDF+03, FLM+08, HUL06, HPH04, YME05]. Monona [ZL18a].
Monterey [ACM05a, Ano01b, USE91, USE01c]. mori [CPST15]. Mortar
[HUWH14]. most [CK06b]. motion [Lia05]. Motorola [Ano03a, MM84].
movem [BG13]. Moving [Cre10b, Crel0a]. MPSOC [BHI15]. MPSOCs
[OVI+12]. MS [Tho08]. MU5 [MDF92]. Multi
[AVNR19, ABV12, AP18, BB17, CLG+10, Dy17, DLs+01, Fie68, GSS+18,
GLBJ23, HMH17, HCH17, HCB18, HPc04, KSRV23, KRI8, LZLY20, LLS14,
LH15, LCZ+19, MMdE19, MD12, MP16, MM94, PXG+17, PNT12, RTL+18,
SL14, SCL+19, TTH+19, TSR19, TK20, WLL+13, XCSM18, ZLZ+20, ZL18a,
ZRY20, AD18s, AL05, ATS16, BB20, Bor07, BY20, DEG+17, DHD20,
DS22, FGG14, GGQ+13, GKP+19, GH20, 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, WDCLO8, XZ11, XJW+18, YKS16, YTS14, ZMD+21, ZNSL14, ZLL+16, JDJ+06, NMS+14.


[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, XRL+22, LKY+17, RPE12, TDG+18]. Near-memory [ASPP22]. Near-Native [UT87]. Near-Precise [LJFS17]. near-memory [ASPP22, LJFS17, XRL+22, LKY+17, RPE12, 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, AR22, BLMP22, BRdM10, BL17, BHEP14, CFLL19, Cre10b, CTP+17, DW14, EMAL17, ELC+19, EVCL21, EMW16, FXL+23, Fis01, FML+22, FLZ17, GHM+18, HTAY21, HLPY16, HSL17, HB12, HJG18, IKU15, JW17, KKE19, KTM17, Ken80, KLR+20, KAZS14, KLTL18, LXL+22, LLW+16, LHW+20, LCZ+19, LDRS18, LCF12, MLXG19, MDZ+21, MAK18, MP16, MCOS6, Mon97, MR06, NLD+23, NSC+16, NMC18, OLS09, PFL13, PHX19, PC89, PST+15a, PHC20, Rix08, RS20, RKK17, SADP21, SN23, 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, ACM06c, AM16, AMIA19, ALW15, BG20, BCC+15, BCM90]. network [BL90, BH13, BBS06, CBZ+16, CB10, CRB12, Cre10a, DS19, DS18, DYL+12, FCD09, FLL+13, FZS+20, FJKK17, FK13, FSH+13, GLQ+13, GLL16, HH18, HH19, HS13, HBP06, IM93, JAC+19, JK15, KBK22, KSO+15, KK21, KKK+18, KWZ+19, LYY+17, LLZ+19, LRP+19, LMDP19, LQD+18, DBPK16, 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, WCC16, WBW+19, WZZ+20, WC91, WYZAD20, XHW+19, YCL+19, YLTF20, YXL+20, ZLZ+19a, ZJRW19, ZGL+17, BCZ19, CEPR22, HTAY21, MCJ9, TF16, YWL+18]. Network-Aware [CTP+17, AO16, IKU15, ZHHC17, KK21, LQD+18]. network-based [LYYY17]. Network-hosted [CTK08]. Network-I [RM03]. Network-I/O [CT03, HKN22, NBS18, SBU18, SGGB99, SGGB00]. Networking [ACM04b, CKP17, IEE06b, LCA16, MLA83, Pap20, SN23, SS05, SB18, XWJX15, ZKWH17, BTMS10, Bor07, BH13, GD08, Ker15, MC19, M+06, Zho10]. Networks [BSI+15, CPKL17, CGC16, CFLL19, EVCL21, FXHY21, FML+22, Ha79, HHK94, JK15, KKL16, LLW+16, LZX+21, LCM17, MP16, MBWW86, MSC+21, NGRF19, QLL+21, SIJP11, T092, VVC+17, XZL+20, XRL+22, ZDS+22, ALW15, AII91, AAC+17, BTLNB+15a, CL15, CM18, DS19, FZS+20, GCARP+01, GLQ+13, GHM+18, HHSG18, KCV11, LC02,
LZW+15, LWL16, MG19, Mon22, MAK07, NRS92, OMB+15, RS16,
THH+14, TK20, TO91, WZV+13, WT91, XWW+21, XYXY17, XJW+18,
YKS16, YPLZ17, YLTE20, YMY17, AJJD+16. Netzwerk [KGG00].
Netzwerke [WF03]. Netzwerkknfiguration [WF03]. Neumann
[FS11, FS12, Sig89]. Neural [EVCL21, JAC+19, MKB+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 [BDF+99, CF00, LPSS19, IIK+06, RGS+20].
next-generation [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]. NFV-Based [SDM21].
NFV-Enabled [LXZ+21]. NFV/SDN [BDF19]. NFVLearn [SOKE23].
NG2C [BOF17]. Nice [ACM90]. NICs [HB12]. Nimble
[ZCJ+21]. Ninth [USE00b]. NoC [FRD+08]. NoCs [FD08]. Nodal [Che21].
Node [FXL+23, NTR18, CRB12, JK15, KL13, LSS04, SS19]. 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 [AT+17]. North
[Boa90]. Nosv [RQD+17]. Note [BCG73a, DMS02, KSS+23]. notebook
[IBM94]. Novel [ARRAA19, ATS16, BMJ+22, JZY+22, LSC+17, NK10,
PKS+19, XSM18, ZWFX17, CBZ+16, LXRS19, LJYZ15, SDN09, ZLCZ18].
Novell [WF03]. November
[ACM75, ACM89, ACM96, ACM03a, ACM04b, ACM05b, ACM05c, IEE90b,
IEE02, IEE03b, IEE02, IEE04, LCK11, USE91, ACM97]. NSGA [TSR19].
NSX [PPS+18]. Nu [DNR06]. null [AT+16]. NUMA
[BMS16, GTS+15, KP15, LL14, LXM+16, SJA+17, SKJ+17].
NUMA-Aware [BSM16]. NumaGiC [GTS+15]. Number [BP99, SZ13].
numbers [WCG21]. Numerical [Hol95]. nutzen [Zhm06]. nützliche
[LC09a]. NVMe [HC18, YYYG21, PYDG22]. NVRAM [ZLW+19b].

O [RM03, AJM+06, AMA18, ASMA21, AD11, ABG14, ABB+15, BMS16,
BHEP14, CWH+16, CDD13, CRZH15, DCP+12, DS09b, GCL+21, GAH+12,
HA79, HB12, JAD19, KS08a, KBDK22, KMN+16, LLLE17, LMR18, LHAP06,
LFHS23, NsP16, PST+15a, Rus08, SBQZ14, SYC14, SVL01, THH+14,
TtLC13, VV08, WR12, WTL+16, XNH21, YJJ+21, ZWFX17, ZSR+05].
O-intensive [BPM+22]. Oak [SVN+10]. Oakland [IEE84a, IEE90a, IEE91].
OAMulator [MS01]. OASIS [UBL+82]. OB [XHL15]. Oberon
[WF03]. Object [Bad82, BBD+91, BP01, CAF+91, Low88, PTHH14, PM05, San88,
Object-Based [Bad82].

Object-Oriented [BBD91, USE99, USE01b].

Objectives [AP22, ML78].

Objectives [GLBJ18, LPB17, AP18, BB20, BY20, DS22, FGZC23, GGO+13, GKP+19, GH20, HZL+18, LZLY20, LCL+23a, LCL+23b, MPM+20, RK18, STMV18, SL14, SM23b, SCL+19, TSR19, ZLL+16].

Operations [OLZ16, MPF+06].

Operator [GHM+18].

Opportunistic [GJK+20, KMK16, OMB+15].

Opportunities [JAC+19, CBFH20].

Optimal [BP99, BB12, DS19, DEG+17, HM18, HJG18, LYL21, 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].

Observation [NBH08, SCFP00].

Observations [LHW+20].

Observations [GOL15, USE99, USE01b].

Observations [AMC03b, Ano09b, Ano06a, Boa90, IEE03, Tho93, USE00a, Vra05].

Ongoing [AP22, ML78].

One [Bai70, Cre09, HPHV17, JK15].

One-shot [JK15].

Ontario [ACM06f, Sof83].

Onto [AO16, Bak83, BS90, PS16].

Open [AGF+17, AP22, LWM23, SIV+05, ARA20b, ARA20a, AGH+15a, AAB+05a, FP14, TSP17].

Open-Source [LWM23, SIV+05, AAB+05a].

OpenCL [KJJ+16, SXMX+18, TY14, YWTC15].

OpenCL-based [SXMX+18].

OpenFlow [YKS16].

OpenISA [AMB+17].

OpenJDK [BFS+18].

OpenNebula [KMT14].

OpenOffice [Joo06].

OpenQR [Kar07].

OpenStack [AMIA19, BB15, BLMP22, HK19, YW20].

OpenUSE [CK06g, CK06f, CK06o, CK06p, CK06q].

Operand [MSI18].

Operating [ACM75, ACM03b, BPP+17, BH73, BHYBT16, CD12, DAS91, HXZ+16, IEE01, J+05, Mar73, MNN05, MKKE12, MM94, RT93, SLM89, TBB06, Vra05, ACT94, CCZ+06, CGL+08a, CGL+08b, CGL+08e, CK06a, CK06b, CK06c, CKP78, CM00, CLDA07, DAV04, DON87, FL77, HKD+13, KSLA08, Kou11, KS20b, MW18, MDFS72, NV05, Ros06, SPF+07, SS72, TT93, Vac06, Vsn06, WR07, WWT89, WHE15, YK13, YLJ22, Mat10].

Operation [ZR06].

Operational [Dan12, LCMV17, Siv04, BG20, NMC18b, NMC18a].

Operations [OLZ16, MPF+06].

Operator [GHM+18].

Opportunistic [GJK+20, KMK16, OMB+15].

Opportunities [JAC+19, CBFH20].

Optimal [BP99, BB12, DS19, DEG+17, HM18, HJG18, LYL21, 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, GLJB18, HO22, KC16, LW11, LKIL19, LGZ+19, Man15a, MJW+14, NIA18, PAC+22, PS23, RRB19, SM06, SS22, SHZ+14, SKT+19, VG20, WDL+20, WK90, YKM17, YWF09, AT23, BRS+22, CLL+23, EB20, FGZC23, GCARC+01, HLW+13, JK13, KSS+20, KSS+23, KS13, KS18a, KK21, LLWW18, LZLY20, LCL+23a, LCL+23b, MS17, dOL12, SM23a, WGW+18, WGY20, YXL+20, ZFL+23, ZL+16, ZYLY18].

Optimization-Based [SHZ+14]. Optimizations [HB12, JZY+22, NBK16, PDY+23, RLZ+16, RAT17]. Optimized [CGC16, MZD+18, DS20, HZL+18, KCV11, LWL16, RGS+20, TMMVL12]. Optimizing [CEG07, dCCDFdO15, EG03, GKT17, HHC+16, JGW+11, KRS+17, LQW+12, LL14, LXM+16, MCZ06, SMK02, SV15, WWL+17b, ZLLL13, ZJXL11, FMIF18, HSC15, NNK21, ZLBF14, ZGL+17, FLL+13].

Options [HDM08]. Oracle [VSC+10], orbit [SSN94]. Orchestrated [MK23]. orchestrating [BRS18]. Orchestration [ZB20, ZXR+22, BSNB20].

Order [BW03, BFC02]. Ordering [HMH17, HTAY21]. ORE [OMB+15]. Oregon [IEE93b, USE85]. O'Reilly [Ano97a].

Original [BDR+12]. Orthogonal [PNM+20]. Orthogonally [LMG01, LMG00]. OS-Level [CCS14, KHW+16, SWcCM12]. OS/2 [Bri98]. OS/390 [DBC+00]. OS6 [SS72]. OSCAR [VS06]. OSS [Ble10].

Other [Den01, Mac79, KS13, Mat10]. OtOt [DKF94]. Ottawa [ACM06f].


Overcommitment [GBK15]. Overcommitted [CWS12, WC06, ZHHC17]. overhead [BJ20, BJ22, LPD+11, LBL16, ZHCB15, ZLZ+19a]. overheads [MST+05].

Overlapped [LMZ+20]. overloaded [AHRR22a, LYY18]. Overloaded [BB13]. Overshadow [CGL+08a, CGL+08b, CGL+08c]. Oversubscription [YL+23]. Overview [Lau87, MLG+02, ALW15, BBO8, MNA16, NK22]. oVirt [Ano14d]. OVM [BFC02].

[JMSLM92, LTT92]. Packet [VLZL16, LRP+19, Ste14]. Packeteer [Ano03a]. Packing [BB17, GR15, RG17, SXCL14, XDL15, LLZ+19, SZ13]. PACO [PAC+22]. PACT’06 [ACM06b]. Page [AW17, CW1+15, CHLY18, KYP+17, LH16, LLZ+19, LZW+17, LZN+20, MZD+18, MT16, MT17, WLV+15, AJH12, BSSM08, CWC+14, WTLS+09].


Parallax [hTMAC+08]. Parallel [ACM06b, Arm78, BP99, BS90, EGR15, Fis01, HD16, HHH94, IEE93a, IM93, 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, DFK94, DDS+94, DM93, EF94, FM90, GSN93, HTAY21, Hol95, JGA+88, KJLY15, KSS+18, Kra90, Les74, LC93, MiKi11, MRG18, MM91, NOR15, NG13, Pou90, RH17, RSW91, Shel91, SL00, Taf11, WK08, YC98b, YYC+19, Ble89, JPTE94, YC98a].


partiality [Dan12]. partially [HH13]. particle [AT23]. Partition [Int06c, LLS+08]. Partition-based [LLS+08]. partitioned [Van06].


PDCE \cite{M06}. PDP \cite{Gal73, GBO87, Ham76, PK75a, SP83, She02}. PDP-10 \cite{Gal73}. PDP-11 \cite{GOBO87, Ham76, PK75a, SP83}. PDP-11/40 \cite{GBO87}. PDP-11/60 \cite{SP83}. PDP-8 \cite{She02}. PDS \cite{AABB+05b}. Peak \cite{LTE12}. Pedagogy \cite{CLKEF21}. PEMU \cite{ZFL15}. penguin \cite{Bau05, Bau06b, Bau06a, Fab13}. Pentium \cite{RI00}. Perceiving \cite{XWH+16}. perception \cite{MW18}. Perfctr \cite{NB11}. Perfctr-Xen \cite{NB11}. performability \cite{EBJ17}. Performance \cite{ACM98, ACM04b, Ano03b, AD11, Bad82, BPM+22, BL90, Cal75, CFH+79, CFH+80, CGS06, CHW12, DNN+18, De 06, DSS11, EDS+15, GE85, Gua14, GKB+15, HSK17, HTB19, Hor73, HB12, IEE96b, IEE06a, IN87, IBBA20, JR02, JK13, dCJR16, KCWH14, KS08a, KS20a, KMM13, KP15, KKS+19, KD78, LNZ15, LGJZ16, LCK11, LMR18, LGM01, LCT+15, LXW+23, Lzap06, LTZ+14, MJW+14, MT16, MT17, MLG+02, MBK+92, NBB+19, NMS+14, Oak14, OBSR16, PZW+07, Pat12, PNT12, Raj79, RCM+12, RP07, SHW+15, SD01, SCCL12, SDD+16, SL20, SJA+17, SM92, SP22, SM02, TSN+23, TH+14, URJ18, UT87, VP16, VG03, WDL+20, WKT08, WCC16b, WPP+17b, WZL+23, XLJ16, YC98a, Yon73, YWCF15, ZLSI17, ZRZY15, ZWL+18, ZYLQ14, YQZ14, YQZ19, ZYZ+18, ZSR+05, ZSW+06, ZFL+23, ZLCZ18]. performance-aware \cite{ZFL+23}. Performance-Based \cite{CHW12}. Performance-directed \cite{RP07}. Performance-Guaranteed \cite{ZWL+18}. performance-optimized \cite{RGS+20}. performance-to-power \cite{DLH+20, RCTY19}. performing \cite{BB08, GBCW06}. performs \cite{Ven97d}. period \cite{B+07}. Periodic \cite{LD05}. periodical \cite{YQZ14}. Periods \cite{RB17}. peripheral \cite{VWT13}. Peripherals \cite{BG74}. Persistence \cite{SC90, PNM+20}. Persistent \cite{GH91b, Loo88, SMES91, SXH+19, ZCL+21, LM99, LGM00, MS00, PNM+20, LGM01}. Personal \cite{Hir92, LBP+07}. Perspective \cite{FLZ17, Han16, LCZ+19, RSGG15, SMP22, FP14, LDDT12, PAKY16, Wal10}. perspectives \cite{MA10}. Pervasive \cite{HHH04, BTLNBV+15, HH05}. Petascale \cite{Gei02}. Pete \cite{Gal09a, Gal09b, Gal11}. PEVM \cite{LMG00, LGM01}. Phantasy \cite{RZPX19}. phase \cite{JK13, SZKY21, TF16, ZL13}. phases \cite{RHR02}. Phi \cite{GGK19}. Philosophy \cite{Com65}. Phoenix \cite{ACM03a}. Phosphor \cite{BK14}. Phylogeny \cite{ASPP22}. Physical \cite{BBM+15, PS16, WLW+17, AAAM+16, PTD+18, YLJ22, vCPV+11}. physics \cite{GTN+06}. Pi
EBJ17, FLL+13, HH18, HH19, IMK+13, JKK+13, JNR12, KK21, NS07, RHZ+17, RCTY19, TDG+18, TUM18, THC+14, WRS13, XHL+13, YZLQ14, YLHJ14, YLCH17, YY20, A+04, B+05, G+05, MBBS13. Power-Aware [SDD+16, ZWL+18, KBB11, JNR12, RHZ+17]. power-capping [JKK+13].

Power-efficient [AAM+16, LLEL17, SSN12, KK21]. POWER5 [AAB+05c].


Practice [Bec09, Cre08b, Lar09, SHB+03]. Practices [MO98]. Praxis [Bec09]. Praxisbuch [Lar09]. Praxisführer [Bor01]. Pre [LUL+05].


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].

Process-aware [XCJ+14]. Processes [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91, AC95, LZWD15, EYGS19, PAKY16, PTD+18, XCJ+14].

Processing [ASPP22, DKW15, GLL+21, Loy92, MMdE19, VLZL16, DH01, EF94, GSN93, IM93, KHL17, KZ7+19, LRP+19, LMDP19, LG93, MMG+18, WW89, Win13, ZDK+19, ZGL+17]. Processor [ISE08, NSL+06, RWX+12, SKJ+17, BK20, IIK+06, LR05, VdlFCC97, WDSW01, WLL+13, WJGA12]. Processor-Interconnect [SKJ+17].

Processors [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91, 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, IPP09, Ham07, Kim09]. professionellen [Zim05]. Profile [WKJ20, AW05, WK17]. 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 [BBY16, MLXG19, ZH+17, LLW16]. Profit-Maximizing [BBY16].

Profitability [WUK+18]. Program [ACM01a, Com65, Cre65, FTNY69, Han05, HB08, MSG01, SL88, ABDD+91, BPB86, Obb78, She02, WGF11].

Program [Mar08]. Programmability [EMW16]. Programmable [DCG12, DMS02, FS11]. Ken80, Kov19, MSS+15. Programmer [PSBG11a, PSBG11b]. Programmers [Hee07]. Programming [ACM90, Arh87, DME12, K77, GAI75, GMP89, GH91b, LFBB94, Luc97, SYB12, Sub08, Sub11, Tho88, To88, ACM99, AS85b, ALf91, BCM90, CPM+18, Ham76, Jou05, Kog09, ME87, MRR18, RSW91, SMO84, Tai98, AS85a].


Proportionally [CFLL19]. Proposal [EVCL21]. proposed [GH91b].

Prospects [PCB+18]. protect [ZBP07]. Protected [BPP+17, Cof99, GHD12]. Protecting [LMJ07, WTM18, WLL+13].

Protection [WM+19, CD12, CDD13, SS75, CGL+08a, CGL+08b, CGL+08c, CBH19, JCZ13, PK75b, TSLBYF08, WJGA12]. Protectit [KSLA08]. Protocol [GKX13, MN91]. Protocols [DM93, RSLAGCLB16]. Prototype [Sim92]. Prototyping [SAX+18]. Provable


Q [AJBJ23, Che21]. Q-Learning [Che21, AJBJ23]. QEMU [WR07, WR08, CK06a, CK06b, CK06c, CK06d, CK06g, CK06f, CK06i, CK06j, CK06k, CK06m, CK06l, CK06o, CK06p, CK06q, CK06r, CK06s, Bar06, MZG14, WR07, WR08, vK09, CK06a, CK06b, CK06c, CK06d, CK06g, CK06j, CK06k, CK06m, CK06l, CK06o, CK06q, CK06r, CK06s, Div08]. QM [Fi77]. QM-1 [Fl77]. QoE [KS18a]. QoS [FAC+17b, BAC15, DXM+17, FAA17a, HLFY16, KN18, KCY22, KP15, LCL14, LWL16, LYG21, P123, WZH+16, XZL+20]. QoS-Aware [WZH+16, XZL+20, KN18, LWL16]. QoS-Oriented [LYG20]. QoS-Satisfied [KC22]. qualitative [ALW+15]. Quality [BB13, MJS21, SV13, VOS12, WK20, CMG+19, LYY+20, NZ20, TDD20, WK17, XXW+23]. quality-aware [LYY+20]. quality-of-service [NZ20]. quantification [BKH+06]. Quantifying [TZK17, TDG+18]. Quantitative [YZW+13]. Quantum [NLD+23]. Quelle [LC09a]. Quemu [CK06a]. Query [WK90, KHL17]. querying [CRK17]. queuing [Pon19]. Quick [NOT+17]. QuickDedup [SSG+20]. QUICKTALK [BMWB86]. QUIS [CRK17].

[SAT09, AMA+14, MNT14, TUM18]. Relation [KLLT18]. Relational
[WK90]. Relationship [Mal73]. Release [IBM73, IBM94, IBM96]. Releases
[Ano03a, Ano03b]. relevant [NP13]. Reliability
[BGC73a, BGC73b, ESY+17, FZS+20, HXZ+16, XH16, MD74].
Reliability-aware [FZS+20]. Reliable [PEC+14, THB06, YWY+17, Car14,
SHR19a, SHR19b, 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, CMG1+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, LJJ+11, DCP+12, KJI+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, BG20, PG73]. ReRanz [WWL+17a].
Research
[AP22, 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, HSM17]. ReSeer
[WXZ+17]. Reservation [HC18, ZWC+19]. reservations [THG+18].
reserved [DEG+17]. reserving [YLJ22]. reset [RY10]. Reshaping [BH15].
Resident
[WK90, LF19]. residual [AT23]. Resilience [NTR18, OMB+15].
Resiliency
[KLR+20]. Resilient [VS19, BGS13, OMB+15, TDG+18].
Resistant
[THB22]. resistive [JAC+19]. resolution [GE85]. resolving
[ZWC+14]. Resource
[AJ18, AAMBE21, 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, PFPJ18, RG17, SJB14, SC17,
SC18, SZW+16, SXCL14, Sur01, WIS+15, XSC13, YSS+17, ZQZC16,
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, Myo09, NBS18, PKS+19, RGAT18,
SBNU18, SGV13, SGV12, SOKE23, TV18, VSMC23, VVB13, Wal02,
WDC108, WGY20, WB16, WSY09, YGLY21, ZWC+19, ZB18].
Resource-aware
[GA18, PFPJ18, SGV12]. resource-constrained [TV18].

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, SK1+17, VVC+17, CFS+12, CLDA07, MSZ09, TV18].

Safety [BSi+15, MTFK19, HM01, MSG01]. Sagamore [ACM03b].

Sampling [Lee16, THB22]. sampling-based [THB22]. San
[ACM99, ACM06a, Ano04b, Ano10, IEE93a, USE99, USE01b, USE02]. sandboxed [MK23]. Sandboxing [GG11]. Sandpiper [WSVY09]. SANs
[ZXZ07]. Santa [ACM00]. Sapphire [URJ18]. Satellite
[QLL+21, CFVP12, SSN94]. Satellite-Terrestrial [QLL+21]. Satisfaction
[LVM16]. Satisfaction-Oriented [LVM16]. Satisfied [KCY22]. SAVE
[ACM03a]. SCADA [ADW18]. Scala [AT16, SBM11, Sub08].

Scalability [KMK16, QNC07, TCP+17, VP16, BFS+18]. Scalable [ASPP22, CL17b, DSM+18, FBL18, 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, Ub07].

Scale [CZX+19, HC17, PHL+12, RIP18, RJS+18, SLM89, XDSL15, ZLW+14, ZTA+21, FPGK18, LPD+11, MSG+12, SZ13, WWT89, WCG21, YZSC17].

scaled [KNHH18]. Scaling [CBJ22, HC17, JWL+18, JDJ+06, LW20, PBL+16, TCP+17, AB16, SBNU18, SSEA18, TSCB19, 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
[ARAAA19, AD18b, BE17, Car23, EB20, EGR15, FML+22, HSN17b, JJK+11, KDB16, LMM18, LGJ+18, LD05, LW16, LC13, PG17, PG18, RB17, TTH+19, V519, WDL+20, WWT89, WCG21, ZWFX17, ZQZ16, ZLW18, ABB19a, AT23, ATZP21, BC10, CCL+20, CLL+23, CCW+20, DEE+16, DQLW15, DXM+17, DCMW17, DS22, HSK19, JG+11, KS18b, KKJ+13, KNHH18, KCV11, LFHS23, MMTM22, NAR19, PC21, RWC21, RZ14, RHZ+17, SS13, SHELJ13, SSN12, Sto07, TML14, THG+18, VVB13, WQG15, WCC+16a, XJC+14, XLWZ18, XZK+20, XXWG23, YPLZ17, YXZ+20, YWGH13, YQZ14, YQZ19, Yu20, ZSR+05, ZB18, MA21].

schema [SI81]. Scheme
[AJ18, AM18, KAZS14, RSN+18, SHZ+14, YWR+14, KK21, KIJY15, LJYZ15, SM23a, XJC+14, YPLZ17, YQZ14, YQZ19, FM90, FDD+19, KR94].

Schemes [Do11, LSSC22, MNA16, YWGH13]. Schloss [IEE01]. School
[BGP00]. Science [ACM00, BR01, DG05, SGV12]. Sciences
[Shr89, MS91b]. Scientific
[AD18b, Bad87, RB17, CSMB15, dCCDF015, EB20, MPM+20, WCG21].

Scientists [THLK10]. 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]. 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, JSHM15, JAS+15, LJRI2, LP11, PEC+14, QZDJ16, RC18, RJ00, RSAM15, SOK23, THB06, TtLC13, WF07, YML+18, vD00, BDS+09, GNDB16, HKD+13, ISE08, LLX+17, Str05, SL12, TLBW12, ZB05]. Secured [TMV12, WCC16c]. Securing [Sar01, Hal08, Hal09, PDM20]. Security [AKK+07, Ano93, AEB19, Att79, Att73, BDG18, De06, ESY+17, FJKK17, GW07, HHKG18, HB17, IEE84a, IEE90a, IEE91, IEE05, JSHM15, KZB90, KS08a, KS08b, LWLL10, NMMP15, PM19b, Pyd08, Pfo13, Rob12, SJV+05, SM90, SABL20, SEF+06, ST05, TMV12, TV12, USE00b, VN08, WHT+09, WM18, XKKL23, ZL16, ZL18b, ZHY+19, Ano07, BTMS10, Bau05, Bau06b, Bau06a, Bcp08, Bor07, BBS06, CCYM17, CFH20, EM06, FA21, Hal09, HMO04, IKB+06, LLW+12, MDF+06, MA17, PG11, PZH13, PBB13, Sch13b, SDN09, VT14, WHSE15, YSM+19, vCPWT11, DTW07]. security-aware [FA21]. Security-focused [BDG18]. security-oriented [IIK+06]. see [Yur02]. SEED [DTW07]. Segment [ELC+19]. seinen [KG00]. Selecting [GSKJ18, NBK16]. selection [AHRR22b, HM20, JK13, LJZWC13, LLWW18, MCJ19, NKK21, ZB18]. Selective [WZW+11]. Self [BHI15, BRX13, HHW10, JC18, dOL12, SEPV19, XCSM18, BKT+19, CBLFD12, GKO5, GKI+19, KKB14, NKK21, OK90]. Self-Adaption [BHI15]. Self-Adaptive [XCSM18, JC18, SEPV19, BKT+19, GKI+19, KKB14]. Self-Configuration [BRX13]. Self-Healing [BHI15, GKO5]. self-hosted [CBLFD12]. Self-management [dOL12]. self-optimizing [NKK21]. Semantic [Das91, DGLZ+11, FL13a, GKP+19, SBBP20, AD18a]. Semantic-centric [SBBP20]. Semantics [Gol71b, WDPD12, Dan12, EdPG+10, Siv04, WCH15]. Semi [SEK+19, MSZ09]. semi-automatic [MSZ09]. Semi-Autonomic [SEK+19]. Sensing [SML18]. sensitive [DK17, KL08, LCL14, MT122, ZBP07]. sensitivity [HB13, TzK17]. Sensor [BSI+15, LC02, MAK07]. sensors [ALL06]. Separation [KF91, LLMD16, LW14]. September [ACM81, ACM04a, ACM05a, ACM06c, ACM06b, Ano93, BW03, GHH+93, Jou85, JPT09]. Sequence [ARAA19, EDS+15]. sequential [Clo85]. Serialization [BP01, BP03]. Series [Kee77, KAH83]. Server [ARA18, Ano03a, Apr09, BE17, Bod10, Car06, CGS06, Do11, HSK17, Joo09, KSS09, KS10, KL18, LZ15, Lar09, LC09b, LC09a, LZX+21, Mar08, MAK18, MG08, MG09, PZ+07, RX+12, R+02, SWC08, WI17, ZHW+17, Zim05, Zim06, ARA20b, ARA20a, A+04, AGH+15b, AT23, BKR20, B+07, DFC+00, EB17, Hal08, IMK+13, KF18, LC14, LLWX18, LL+08, LL14, LDXT12, MNT14, MRN06, NTH+17, NMC18b, NMC18a, R+13, RPE12,
Simplifying [Cla05]. Simulated
[GE85, RH17, WDSW01]. Simulating
[Ben21, HO92, NLD+23, Pou90, RPE12, TO91, ZR06, FPGK18, Skr01, WC91].

Simulation
[ADG+W92, DBMI92, JN15, KD78, Kut92, MCE+02, MBK+92, MJ93, PBR+90, PY93, SXMX+18, Tur92, WB81, WWMG06, YP15, Ano94, BHRo05, Bur92, B96, Clo85, DSSP06, IMBB20, IM93, KK79, LJJ+00, NR92, RMB92, SK13b, SHB19, UBL+82, WWS89, YYC+19, ZSRR22].

Simulations [LCT+15, BL90, DH01]. Simulator
[Ben21, CK96, CRZ83, Dun86, FTNY69, PCR89, Ber86, BR01, CMP+07, DC15, GBO87, Hog02, KW80, MRL02, YYPA01, 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]. Single-Computer [CCO+05]. single-ISA [KNHH18].

Single
[Mon97]. Single-ISA [KNHH18].

sit [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, KB14, RT18, SS22, ZHL16]. SLA-based [AB16, GTGB14, KB14]. 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, LJS17].

SLO-Aware [GCL+21]. Sloop [DZ02]. Small
[JJ02, SSB03, DK75, HPHS04, SS72, WH08, WWT89]. small-scale
[WWT89]. Small-Sized [JJ02]. smalltalk
[Fif+15, BMWB86, BSUH87, G+88, Lee86, SUH86, TLD+89]. Smalltalk-80
[BMWB86, BSUH87]. Smart [Ano03b, CCW+20, GPM21, NAR19, NHL22, RH17, GLV99, MPA+18, Rout07, WTLS+09, ZBS+22]. SmartFVM
[KLK+22]. Smartphone [DAH+12]. SMIL [Bru07]. SMILemu [Bru07].

SMOKE [DZ02]. Smoot [Pro13]. Smooth [DL89]. smoothed [CL14]. SMP
[CL16a, KKJ+13, RZ14]. SnapFinder [CHLY18]. SNAPS [RG19]. Snapshot
[CLHY18, 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, FXYH21, FML+22, HO22, Hsu01, IGBK19, JMSL92, JN15, KP99, Kna93, KAJW93, LH16, LTT92, LLW+16, LXZ+21, LZM+20, MZD+18, MP16, Ost94, Ott18, PJZ18, Pap20, Par79, PBR+90, Sof83, SM06, 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, 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** [AFG17, CL17a, CMK+16, FML+22, JN15, LLW+16, LXZ+21, MP16, SB18, TBS17, YWH+21, ZKWH17, ALW15, HHSG18, LJR12, TK20, XJW+18].

**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, LLWM23, SJV+05, SNS03, AAB+05a, But94, CKRJ17, Cia07, JM08, LC09a, PW03, SIK+16]. **source-level** [But94].

**source-level** [But94].

**sous** [Apr09].

**Sova** [YWH+21].

**SP** [IBM94]. **SP2** [Boz89].

**Space** [XML+18, Kha19, PEL11, PG11, Web10, WXW15]. **space-efficient** [PEL11].

**spaces** [GH91a].

**SPAN** [RD90]. **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, JKDC05, ZS01]. **Specification** [Col97, DMS02, LY97b, LY99, LYBB13a, LYBB13b, LS15, I179, 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].

**spherical** [Hol95]. **Spielesammlung** [CK06q, CK06t, CK06r, CK06s]. **Spin** [CWS12, WCS06]. **Spinlocks** [KMK16, OL13]. **Spinning** [IYAK23].

**SR** [AT23, DYL+12, DCP+12, HB12, XD16, XD17, YWCF15]. **SR-IOV** [DYL+12, DCP+12, HB12, XD16, XD17, YWCF15]. **SR-PSO** [AT23].

**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**
BTLNF+15b, BP03, CHCC07, CFS+12, DJ76, EBLM22, GK05, NBS18, Oib78, ORPS09, PGLG12, RK18, SRJS+13, STFH15, SL12, TY14, THL03, WK08, WCS06, WLL+13]. Supporting [BMS16, CW812, Kim84, Kov19, MSS+15, Mon97, RT93, XWJX15, YWCF15, ZZF06, BTLNF+15a, GD08, TT93]. Supports [Ano03a, surgery [PBL+16]. Survey [Al+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, GHF83, WNL83]. 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+17, GMP89]. symmetry [PBL+16]. Symposium [ACM75, ACM03b, ACM05a, ACM06d, Ano00, Ano01a, Ano01b, Ano04a, Ano10, HHK94, IEE84a, IEE85, IEE90a, IEE91, IEE99a, IEE90a, IEE91, IEE96b, IEE06a, Ost94, TLC06, USE91, USE93, USE00b, USE01d, USE02, Vra05, IEE96a, Ano02]. Synchronization [BC19, LIL+11, ZJX11, Sub11, Uhl07, Ven97d, YQZ19]. synchronized [KS18b]. Synchronous [SIR+17]. system [HC12, Hui18, IBM88, Int88, KB21, KCKC15, KK79, LJI+00, Lia05, LLX+17, LMDP19, LDL+08, MR23, MD73, MD74, MDFS72, NMC18a, NMC18b, PRB07, PK75b, RG19, Rob06, SV10, SPF+07, SJI20, SWW+18, SZ13, SS72, STY+14, TC10, Vag10, Van06, VMBM12, VSC+10, WKT08, WH08, WWT89, WHSE15, WF07, WC91, YLCH17, YZS17, ADG+92, ABDD+91, Car14, Gum83, HTAY21, IBM76a, SNC91]. System-level
SVN\textsuperscript{+}10, AL05, BSD19, WHSE15. **System/370** [IBM76a, Gum83, IBM76a].

**System/6000** [ABDD\textsuperscript{+}91]. **System/9000** [ADG\textsuperscript{+}92].

**Systemarchitektur** [See08a]. **Systematic** [BDF19, DCM22, ARA18, ARA20b, ARA20a, BJ19, BJ20, KHA22, NK22, ZJRW19].

**Systeme** [WF03]. **Systems** [Han73, Han73, ACM81, ACM03b, AAT\textsuperscript{+}22, Ano99b, BBMA91, BH15, BDG18, BG74, CD12, CC77, CAF\textsuperscript{+}91, Das91, DJ77, Fie68, Gol09, Gol71a, Gol73c, Han73, HHS18, Her10, HBL\textsuperscript{+}10, IEE93a, IEE01, JAD19, JYM\textsuperscript{+}23, KSVR23, Lar09, LW11, LJZ12, Mad69, MM93, MJW\textsuperscript{+}14, MKKE12, NBB\textsuperscript{+}19, NL19, SGB18, SM01, SVB93, SL16, SN05b, THB06, USE99, USE01b, Vra05, WN17, WLMD16, Win71, YVCB17, YVCB18, ZD18, ZTA\textsuperscript{+}21, AJH12, ALW15, AT16, Ano93, AAB\textsuperscript{+}05c, BKT\textsuperscript{+}19, BSOK\textsuperscript{+}20, BSSM08, CGL\textsuperscript{+}06, CGL\textsuperscript{+}08a, CGL\textsuperscript{+}08b, CGL\textsuperscript{+}08c, CK06a, CP17b, Com00, CGV10, CLDA07, Dav04, Don87, DJ76, DCMW17, EBJ17, FP14, FLCB10, GHH\textsuperscript{+}93, GK05, Ham76, HKN22, HH13, JSK\textsuperscript{+}13, Kee68, KCS14, Kou11, KS20b, LLE17, LWM14, LZWD15, LCL14, LTK17, MRC\textsuperscript{+}13, MA17, NS07, NV05, PSC\textsuperscript{+}07, RVJ\textsuperscript{+}01, RKT20].

**systems** [RHZ\textsuperscript{+}17, RJK16, Ros06, RGS\textsuperscript{+}20, SJB14, SK13b, SSMGD10, SJJ\textsuperscript{+}12, Sto07, Syr07, TMJ\textsuperscript{+}21, TT93, THB06, USE99, USE01b, Vra05, WN17, WLMD16, Win71, YVCB17, YVCB18, ZD18, ZTA\textsuperscript{+}21, AJH12, ALW15, AT16, Ano93, AAB\textsuperscript{+}05c, BKT\textsuperscript{+}19, BSOK\textsuperscript{+}20, BSSM08, CGL\textsuperscript{+}06, CGL\textsuperscript{+}08a, CGL\textsuperscript{+}08b, CGL\textsuperscript{+}08c, CK06a, CP17b, Com00, CGV10, CLDA07, Dav04, Don87, DJ76, DCMW17, EBJ17, FP14, FLCB10, GHH\textsuperscript{+}93, GK05, Ham76, HKN22, HH13, JSK\textsuperscript{+}13, Kee68, KCS14, Kou11, KS20b, LLE17, LWM14, LZWD15, LCL14, LTK17, MRC\textsuperscript{+}13, MA17, NS07, NV05, PSC\textsuperscript{+}07, RVJ\textsuperscript{+}01, RKT20].

**Systemverwaltung** [Lar09].

**T** [CZX\textsuperscript{+}19]. **T-Gaming** [CZX\textsuperscript{+}19]. **Tables** [MT16, MT17, WLW\textsuperscript{+}15]. **tackle** [Sub08]. **tactics** [OG16]. **Tail** [ASSB18, WZKP19, War80]. **Tailor** [PDL\textsuperscript{+}23]. **Tailor-made** [PDL\textsuperscript{+}23]. **Taipei** [SS05]. **Taiwan** [SS05]. **Take** [Kis08]. **Taking** [Uhl06]. **talk** [Piz17]. **Taming** [CZL08, HHPV15]. **Tan** [Pro13]. **Tape** [DK93]. **target** [FCG\textsuperscript{+}05]. **Targeting** [CDG97]. **Targets** [Sta07]. **Task** [ARAAA19, DS22, KMM13, LWW16, PCC\textsuperscript{+}16, RRB19, ATZP21, LFHS23, MMTM22, ZB18]. **Tasking** [MB98, Shi03, JDJ\textsuperscript{+}06]. **Tasks** [KGS16, VS19, YSS\textsuperscript{+}17, ABB19a, FGG14, KLY20, YQZ14]. **Taxonomy**

**[Car23, FLZ\textsuperscript{+}20, GB19, SGB\textsuperscript{+}16, SB18, ZXR\textsuperscript{+}22, AGH\textsuperscript{+}15a, HKB19].**

**TCAM** [HWHW18]. **TCAM-Based** [HWHW18]. **TCB** [HCJ07, HPHS04].

**TCP** [CL16b, GKKX13, GI12]. **TD** [WBW\textsuperscript{+}19]. **teach** [Don88]. **Teaching** [Agr99, Dav04, Don87, GGG03, ME87, Guz01, Han76, KW80, MS01, NV05, WKC\textsuperscript{+}09, YPPA01]. **teasing** [LBF12]. **Technical** [ACMO6d, Ano06b, Han16, OH05, USE01a, USE06, BB08, Int06c, Int06a, LC09a, Wal10, ZMD\textsuperscript{+}21]. **Techniken** [Tho08]. **Technique** [HHS12, JMSLM92, LTT92, SMK02, WMUW19, ACT94, FAA17a, FAA17b, KLY20, PS23, SLA\textsuperscript{+}16, XHL\textsuperscript{+}13, YKS16]. **Techniques** [ACMO6b, ASL\textsuperscript{+}20, BDG18, BCG73b, BG74, KK19, LIL\textsuperscript{+}15, NKY\textsuperscript{+}18, OVI\textsuperscript{+}12, QTR21, SMA18, SdIBL15, Tho68, UOKT84, VV18, ZZF06, AD18a, ARA18, AA06, AH12, BADM06, CMGI\textsuperscript{+}23, HSC15, IM93, KS13, KRG\textsuperscript{+}12, SSN12, SHTE11, TSCB19, VGL23].
[Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Cap21, DLM+06, Don06, ELC+19, Got07, Her06, RG05, USE01c, USE01d, USE02, UNR+05, VSMC23, WHD+09, KKKL23, ZAI+16, Apr09, BKR20, 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 [CWdO+06, ZZG+23, WBW+19]. temporal-difference [WBW+19].

Types [Wel94, GLW23, MFT+19]. TypeScript [RSF+15]. Typing [RSF+15, RAT17].

u.v.a [Tho08]. UCSD [SP83]. UKCF [JXL+12]. umfassende [CK06a, CK06c, CK06d, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06q, CK06t, CK06r, CK06s]. UML [Fre05, RFBLO01]. UMLeXe [Fre05]. 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 [Eng06, Bod88]. Unifying [MD12]. unikernels [MK23]. unique [AM16]. Unit [DCG12, PXG+17]. United [Vra05]. uniting [LUL+05]. Units [VLZL16, Vol90]. UNIVAC [Kam75]. Universe [Nel04]. Universities [Sta07]. University [ACM75, ACM81, Gre10, IEE96a, IEE97, IEE99]. UNIX [JJ91, KAH83, NSHW10, Gen86, HO92, Ka97]. Unknown [CLW+14]. unleashed [Ano97d, HH08, MG08, MG09]. Unmodified [HLP+16, MKKE12]. Unpicking [LB12]. 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, RSW+06, WH99, KTB17, RGAT18, SOKE23, SK13c, 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, ZQCCZ16, Ano93, ACT94, Bor07, Guz01, PG11, RSC+15, St07, Tho73, ZLZ13, ZLZ+19a, CKT08, Dav04]. user-controlled [St07]. User-Level [Chu06, ZQCCZ16, ZLZ13]. user-space [PG11]. User-terminal [CKT08]. Users [Boa90, IBM76a, SS17]. userspace [DD20, Ste14]. Using [AAF+09, ARAAA19, ASL+20, ABV12, ALL06, Bas04, Bas06, Ben21, BRX13, CMGI+23, CQLL18, Che21, CCO+05, DBMI92, Don88, ESY+17, Guz01, HLT+10, HWHW18, JMSLM92, LTN+00, LTT92, LD05, Mar73, MV16, MZ20, NAS21, OLZ16, PEC+14, RSW+06, Sar01, Sec10, SM06, SC17, SYB12, SAT09, SBK15, SXCL14, TGD+18, WDSW01, WKG17, WUNK17, WIL01, Wol99, XSC13, XCSM18, ZLG+20, ZBP07, ZLB+19b, dGG+17, AD18a, Agr99, AT16, AWR05, AP18, AGIS94, BSM+12, BHvR05, BSOK+20, CL14, CPM+18, CCZ+06, Dan12, DHD20, DS22, EB20, FFBG08, dGG+17, AD18a, Agr99, AT16, AWR05, AP18, AGIS94, BSM+12, BHvR05, BSOK+20, CL14, CPM+18, CCZ+06, Dan12, DHD20, DS22, EB20, FFBG08,
FA21, FL13b, GHM\textsuperscript{+}18, HKJ19, HJ10, HTAY21, HN08, HPHS04, Hol95, HPS22, JNR12, JWH\textsuperscript{+}15, JGSE13, JYO18, Jun07, KSS\textsuperscript{+}20, KSS\textsuperscript{+}23, KKM\textsuperscript{+}13, KS18a, KJ\textsuperscript{+}16, Kip21, KG16, KL13, Kon11, KRG\textsuperscript{+}12, LDL14, LIWW18, LQW\textsuperscript{+}12, MH19, NMC18b, NMC18a, NV05]. using [PBL\textsuperscript{+}16, Pon19, RP07, RWC21, SEM\textsuperscript{+}20, SVG13, SSN12, SS22, SLPP11, SIK\textsuperscript{+}16, SSH17, STFH15, SSN94, Str05, TSLBYF08, TSR19, TF16, VT14, WG\textsuperscript{+}18, WZZ\textsuperscript{+}20, YK13, YLWH14, YWF09, YWCF15, ZLZ13, ZDLG17, ZB18]. usual [DCJR16]. UT [Ren78]. Utah [ACM01a, CK87]. Utility [LGZ\textsuperscript{+}19, CSV15, JWH\textsuperscript{+}15, PSZ\textsuperscript{+}07]. Utility-Based [LGZ\textsuperscript{+}19]. Utilization [HLBZ20, KBDK22, KCKC15, NL19, uRQS20]. Utilization-Based [NL19]. Utilization-prediction-aware [HLBZ20]. Utilizing [GVI13, KOY05].

V [Gal09b, Lar09, LC09a, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SMP22, SRS09, AJ18]. v-Mapper [AJ18]. V2E [YJYZ12]. Validation [BSL\textsuperscript{+}18, SS14b, SSB01]. Value [TF16]. VaNetLayer [BTLNBF\textsuperscript{+}15a]. VAP [FM19a, XJW\textsuperscript{+}18]. vApp [SG10a]. variability [ASB18]. Variable [ADM98, Lam75, O05, O108]. variation [CCL\textsuperscript{+}20]. variation-aware [CCL\textsuperscript{+}20]. VAX [KZB\textsuperscript{+}90, LJ12]. VAX/SVS [LJ12]. vCache [KK14]. vCloud [KMK10]. VCP [Khn09]. VCPU [WCC\textsuperscript{+}16a, IYAK23]. vCPUs [OLZ16, WCG21]. vCUDA [SCL12]. VDE [GD08]. VDI [ZFH\textsuperscript{+}22]. Vector [Abr80, LRZ16, WWS89, Bl89, SZ88]. vectorized [SZ88]. vectorizing [LRP\textsuperscript{+}19]. VEE [ACM05d, ACM06f]. VEEs [LCT\textsuperscript{+}15]. Vegas [ACM81]. VEHicle [RNA\textsuperscript{+}22]. Vehicles [SDM21]. vehicular [BT LNBF\textsuperscript{+}15a, MCC18, YBZ\textsuperscript{+}15]. Velox [TV18]. Vergleich [Zim05]. verifiable [CMP\textsuperscript{+}13, PK75b]. Verification [ABDD\textsuperscript{+}91, JE12, JES\textsuperscript{+}15, LZX\textsuperscript{+}20, SSB14b, ZL18b, ZLZ\textsuperscript{+}21b, BSD19, DL19a, FC98, LLS\textsuperscript{+}12, PBL\textsuperscript{+}16, SSH17, SSB01, ZSR22]. Versatile [EBJ17, SN05b]. Version [Bru01, Sim92, WR07, WR08, Ano94, Ano14a, IBM96, MIS\textsuperscript{+}05]. versioning [STFH15, WF07]. Versus [Ran20, DK75, HPHS04, SCG08, VED06]. vertical [BSF\textsuperscript{+}18, STY\textsuperscript{+}14]. Verwaltung [Zim05]. Very [RGSJ17, SSB03]. VFe [Ano05]. vGPU [LZM\textsuperscript{+}20, SM23b]. vGreen [DMR10]. VHDL [FS89]. VI [Int06b]. via [FL13a, GI12, GLLJ16, HSK17, HB13, KHM\textsuperscript{+}07, KKH18, LF19, LJJ\textsuperscript{+}11, MSS\textsuperscript{+}15, NGRF19, QZDJ16, RZFX19, SPS3, SDD\textsuperscript{+}16, TDC\textsuperscript{+}18, WZL\textsuperscript{+}23, WXJX15, YTS14, ZSW\textsuperscript{+}06, vSMK\textsuperscript{+}20]. viable [HW15]. viele [WR07, WR08]. vieles [Joo06]. View [GB19, KKH14, AD18a, Guy14, LDLT12]. Viewpoint [LPSS19]. Views [PW03]. Vigilant [PBHY\textsuperscript{+}08]. VIII [IEE01, IEE06a]. VINEA [EM16]. ViNEYard [CR12b]. Violation [ZHL16], violations [BSM\textsuperscript{+}12]. VirtCL [YWTC15]. virtio [Rus08]. Virtual [ACM05d, ACM06f, AGJS16, AS85a, ABCC66, AEM\textsuperscript{+}14, ADM98, AGH\textsuperscript{+}15a, AZEE17, AZEE18, AAAF21, AAR22, AAB\textsuperscript{+}05a, ACL72, ABV12, Ano75, Ano97b, Ano97a, Ano97c, Ano97d, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Ano05, fltNW14, AE01, Apr09, Arc07, AD11, AAK18, 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, BB33, BN75, BJ20, BHDS09, BJKPS73, BBHL08, BL17, BFG+14, BWD+15, BBM+15, Blu02, BBM09, BD01, BP01, BP03, BZL17, Bro89, BRX13, BFM+21, VMW+19, BBS06, BJH+16, B+07, BG73a, BG73b, BCG73a, BG73b, BG74, Caa00, CTS+93, CW03, CCWY05, CL17a, CH+79, CH+80, CML12, CFM17, CCML12, Car13. Virtual [CK87, CFVP12, CWS12, CHCC07, CGMD19, CF00, CT03, CSS+13, CFH+79, CFH+80, CWL12, CFM17, CCML12, Car13]. Virtual [Hin97, HKM+18b, Hir17, Hof20, Hor73, HKKW13, HS13, HWB03, HS06, HB08, HPS22, HPP15, IBM72, IBM73, IBM76b, IBM85, IBM88, Int88, Ibs84a, Ive03, JR02, JHS12, JJK+11, JE12, Jen79, JXL+12, JMSLM92, JQWG15, JAS+15, JN15, JKJ+10, JADAD06a, JDJ+06, J02, Juc07, KCWH14, KRS+17, KC16, KS08a, KSS+20, KSS+23, KMK16, KN02, KKT17, KEF91, Ken80, KDB16, Kim84, KJL11, gKEY13, KKJ14, KP15, KFP14, KAH83, Kov19, KGZ+04, KLLT18, KLF+15, LCW+11, LMM18, Lam75, Lau87, LW73, Law00, LW11, LP14, LSC+17, LMR18, LW98, LMG00, LMG01, LTE12, Ll14, LZL+15, LZW15, LVM16, LWL16, LYYY17, LGJ+18, LLWM23, LB98, LV99, LTT92, LD05, LW16, LXX+23, LY97a, LY97b, LY09, LYxxa, LYxxb, LYB13a, LYB13b, LYB14, LHAP06, LWLL10, LJL+11, LW12, LJJ15, LLZ18, LWZ+18, LCZ+19, LPB17, LPBB+18, LFB94, Loy92]. Virtual [LTK17, LXM+16, MSG14, Mac79, Mad69, Mal73, MS91a, Man15a, Man16, Mar73, MD12, MP16, MZ20, MCg72, MRG18, Men03, MS70, MD97, MDxx, MW18, MDGS98, MLG+02, MB98, MKKE12, MA21, II79, MP01, MJW+06, MM94, NBH08, NBK16, NMG15, Ne04, NASD21, NGRF19, NLD+23, NSJ12, NL19, Not92, OT97, OKAM17, Oi05, Oi06, Obi78, PTHH14, PAKY16, Par71, Par72, PPT172, PPT3, PSBG11a, PAC+22, PHXL19, PXG+17, PN+20, PRB07, Pfo13, PHC20, PF23, PS16, PCC+16, PK75a, Pr00, Qia99. QBL+23, QT06, RNA+22, RG17, Ran20, Ran02, RLZ+16, Ren78, Rev11, RIP18, Ry10, R100, RSN+18, RRB19, Ros99, Ros04, RG05, RS20, RCT19, RB01, SMK02, Ibs84b, SL14, San88, SSB+14a, SD01, Say66, SH04, Sch13a, SMS01, Sch09, Sch94b, Sch94a, Sch73, See10, Set13, SMSB11]. Virtual [SSB03, SC17, SCEG08, SCS12, SMA18, Shi03, SM01, SV12, SV13, Sim92, SCP93, Siv04, SSG90, SN05a, SN05b, SHZ+14, SBP+17, SXM+18, SB73,
Sta97, SSB01, SHB+03, SVL01, Sun95b, Sun95a, SUN97, JCV99,
SKI+17, Sup04, SM02, Sun01, TSLBYF08, Tai98, TT96, TTH+19, TMV12,
THB22, TY14, Tol98, TO96, TV12, USE01c, USE01d, USE02, UT87,
UBF+08, UR15, Vag10, VTV16, Ven97a, Ven99a, VGF16, VL00, Vog03,
Vol90, WL96, WIDP12, Wak99, WH99, Wal99, WDL+20, WB81, WLW+15,
WZH+16, WWL+17a, Wei94, WGLL13, WZL15, WLLZ16, WSCG05,
WHD+09, Win71, WP97, Wol99, Won97, WWMG06, WLCS17, WWL+17b,
XYV+11, XSC13, XHL+13, XWJX15, XLL+14, XJL16, XLWX19, XLL+20,
YC98a, YLH17, YYW+17, YLCH17, YWH+21, YP15, ZFWX17, ZDK+22,
ZS01, ZLW+14, ZRD+15, ZLR+16, ZCG+17, ZL15b].

Virtual

[ZLZ+19b, ZZW+21, ZCL+21, ZFF06, ZWL+18, ZLL+16, Zho10, ZHL16,
ZYLX18, ZJXL11, ZTMW17, Zim05, ZR06, Zyt94a, dSD16, vD00,
vLCS17, WWL+17b,

[CRB12, CK06a, CK06e, CFRSSR19, Co99, CGV10, dCCDFdO15,
CWD+06, CLDA07, CLL+13, CD01, DPW+09, DDS+09, DS19, DSC+08,
DP11, DM93, DC15, DEG+17, DBE+00, DQLA15, DLH+20, Don87, DHD20,
DMX+17, DSZ11, DCMW17, DS22, DCA17, EB20, EYD03, EYG21,
EGP02, EG03, Ert05, EL98, ESM15, FCD09, FGZC23, FLL+13, FZS+20,
FS19, FM10, FZ12, FSFP19, FMIF18, Fit14, FH1+06, FGL15,
FF96, FLM+08, FCC+05, Fuc05, FX06, Fu10, GP13, GGG+03, GTBG14,
GI12, GVI13, GH20, GJK+16, Gol73a, Gol74, GCCR+01,
GAHLO0, GPW03, GR80, GBCW00, GLQ+13, GKJ+19, GLW23, GLV+10,
GA18, HKS19, HM18, Hul09, HML17, HZL+18, HJ10, HKN22, HN08,
HKB19, HZ+14, HTB19, HUL06, HH18, HH19, HAK22, HDG09, Hc14,
HPHS04, Hol95, HLBB20, HSC15, Hul18, HPS23, IBM94, IBM96].

Virtual

[IRB19, IKU15, IMBB20, IPO+16, JK15, JES+15, JKK+13, JNR12,
JYW+15, JC18, JGW+11, JDE+14, JGSE13, JYOB18, JADAD06b, dCJR16,
Kal07, KOY05, KDK20, KBDB22, KB21, KSSG16, KS20a, KSO+15,
KRC14, KS18a, KS18b, KTBB17, KK21, KBB11, KCS14, KJLY15, KCKC15,
KKC+16, KNNH18, KKK+18, KMG+18, KFF12, KHA22, KF18, KSS+18,
Kou11, KCV11, KBC21, KR16, LBP+07, LMJ07, LBZ+11, LC02, LM99,
LC14, LZC+16, LBL16, LYLY18, LLF+18, LWW18, LFHQ19, LRS19,
LL+19, LZLY20, Lia05, LJL22, LQW+12, LF19, LC13, LL+14, LTZ+14,
LPZ+22, LWCZ22, LCL+23a, LCL+23b, LMDP19, Lot91, LSS04, LG93,
LFHS23, LD+18, LY23, MSG+12, MR23, MD73, MD74, MSG01, DPBK16,
Man15b, MS17, Man18, MRM06, MBM09, MNA16, MS00, Mat09, MK19, MK23, MN03, MCz11, MG13, MRG17, MN91, MMTM22, MST+05, hTMAC+08, MHM19). **Virtual** [MPM+20, EYGS19, MAK07, NZH20, NNK21, NK22, NK10, NOK+85, NAR19, NOR15, NV05, NIA18, OG16, Oi08, OMB+15, ORPS09, PKS+19, PFI+16, PEL11, PSBG11b, PMC05, PM9a, PDM20, PFPJ18, PBYH+08, PJZ+19, PCB+18, Piz17, Pon19, PRS16, PV08, Pui91, PS23, uRQS20, RK16, RKT20, RH17, RHR20, RHR02, Raj79, RG19, RWC21, RT18, RZ14, Rcp03, RK18, RFBLO01, RJK+17, RGS20, Rus08, SZKY21, SBJ14, SS13, SEL+S6, SBBP20, SHR19a, SHR19b, SNV10, Sch13b, SMGD10, SEM+20, SHLJ13, SN12, SM23a, She91, SJJ+12, SW+13, SHW+13, SASG13, SL20, SSEA18, SL00, SS22, SggB99, SGGB00, SKC73, Smi97, SYM17, SL20, SSL+13, SPAK18, SNA+10, Spi06, SOK23, Ste14, SSU+12, Str13, Str05, SML+14, SK13c, SLA16, SHTE11, Syr07, TSR19, Tay76, TGR82, TGCF08, THG+18, TIIN09, TMMVL12, TB14, TDG+06, Tsuta14, TrLC13, Tur84, VAC06, VAN98, VT14, Ven96, Ven97a, Ven97c, Ven97d, Van99b, VED07, VVB13, VTL13, VGL23, VDO14, WGF11, WKT08, WRX11, WZV+13, WQG15, WKJ15, WHC16, WCY+17, WSX+19, WBY+19, WZ+20, WR07, WDT18, Web10, WK08, WL+11, WWH20, WIS16, WLL+13, WW77, WSY09, WRsM11, WRS+15, WCG21, WCZ+23, XNH21, XCL+14, XHW+19, XHC15, XJWW15, XZZ+16, WX+17, XY+17, XBT17, XLQ18, XLW+18, XJW+18, XZK+20, XA22, XXXG23, YC98b, YME05, YZL+13, YLH14, YLHJ14, YPLZ17, YCL+18, YW20, YGLY21, YBZ+15, YYC+19, YWH+23, YLK+10, Ye999, YW909, YSM+21, YLJ22, YC16, YRJ18, YMY17, YGN+06, YWGH13, YQZ14, YQZ19, YTY00, ZG13, ZXW16, ZWX17, ZY+18, ZBG+05, ZLZ15, ZLH+15, ZWCH17, ZHYC17, ZFY18, ZWC+19, ZLZ+19a]. **Virtual** [JN15]. **Virtual-Time** [She91]. **Virtualbox** [Deu08, Bec09]. **Virtualisation** [Ska07, Apr09, Rob12, SDN09]. **Virtualised** [MPF+06]. **virtualisierte** [Mar08, Kar07]. **Virtualisierung** [Tho08]. **Virtualisierungs-Buch** [Tho08]. **Virtualisierungslosung** [See08a]. **Virtualisierungslosungen** [PO09]. **Virtualisierungssoftware** [Zim05]. **Virtualisierungsanlagen** [Yel99, YWF09, YSM+21, YLJ22, YC16, YRJ18, YMY17, YGN+06, YWGH13, YQZ14, YQZ19, YTY00, ZG13, ZXW16, ZWX17, ZY+18, ZBG+05, ZLZ15, ZLH+15, ZWCH17, ZHYC17, ZFY18, ZWC+19, ZLZ+19a]. **Virtual** [JN15]. **Virtual-Time** [She91]. **Virtualisation** [AFG+17, AWM+06, AP22, AJD+16, AVNR19, ASL+20, AAT+22, Ahi22, AAMBE21, ADWM18, APST05, An03b, AvMT11, Bae11, BE17, BLMP22, BJG19, Ble10, BHEP14, BD+12, CZZ08, CLS07, CGS06, CEPR22, CHW12, CXL15, CWI+16, CMK+16, CQLL18, CD12, CDD+13, cCWS14, CLLS12, Chut06, Coh10, Cre09, Cre10b, CGW07, DPCL22, DLLN18, DMS02, DW14, DPCA11, DLM+06, Don06, DMG+15, DY17,
Virtualization

Virtualization-Aware [LXL²²].
Virtualization-Based
[CDD13, KLR+20, AAJD+16, DPCA11, MCC18, WDCL08, CGL+08a, CGL+08b, CGL+08c, LLX+17, QZDJ16, TSCB19].

virtualization-driven [CSSS11].

Virtualized [AMA18, ASMA21, BB17, EGR15, GKXK13, GLBJ18, HO22, HBL+10, HLPY16, HCB18, 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, WLM16, WTM18, XWW+21, YVCB17, YVCB18, YWW+15, YWCF15, ARA18, ARA20b, ARA20a, AJH12, ATS14, ACG18, ASB18, BGS13, BSD19, BKT+19, BSOK+20, BSSM08, CP17a, CP17b, DS18, EBJ17, GPS+18, GGVK19, HOKO14, HL13, JK17, KW13, KSR010, KRG+12, LKR+19, LMW14, LC13, MNT14, MAK18, NBS18, NS07, NMC18b, NMC18a, PSZ+07, PC+07, QXH18, RAP19, RHZ+17, SBNU18, SG10b, TRG13, WWWL13, WB16, WTLS+09, YJZ21].

Virtualizing [BTMS10, Sar16, SB10, SVL01, WRS13].

VirtualKnotter [ZWC+14].

Virtually [Say77, Spi06, WL96, Tre05].

VirtualPower [NS07].

virtuelle [WF03, WR07, WR08, Zim05, Zim06].

virtuellen [CK06a, CK06e, CK06c, CK06d, CK06g, CK06i, CK06h, CK06k, CK06m, CK06n, CK06o, CK06p, CK06q, CK06r, CK06s].

Virtuelles [AH68, Han73].

Virtuoso [DGLZ+11].

VIRTUS [IIK+06].

Vision [Arm78].

Visual [Fra06, Fra09, MC98, Wil06, Hee07, Hog06, Hog08].

Visualization [Nel04].

Visualizing [WT91].

VLISP [Ram93].

VLSI [IN87].

VM [Ano01a, Ano04a, Ano04b, FAA17b, 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, HM20, HKM+18a, HKJ19, HXZ+16, HC12, HW15, IBM94, IYAK23, JFPL16, JFZL17, KN18, LPS19, LY+20, LF12, LJZ12, LWL11, MK22, MS99, MLA83, MA19, NOK+85, NS17, OIb78, OJG91, P+08, PDM20, PG17, PG18, RAT17, RSNK17, RJS+18, STMV18, SSG+20, SHW+15, SM79, SM23b, SBK15, SNC91, SldLB15, TB17, TUM18, TV18, Var91, Wbl01, XCSM18, YZLQ14, YKM17, YJZ+21, YWR+14, ZFL15, ZWFX17, ZDLG17, ZLSI17, ZFL17, ZFL15, ZWFX15, ZDLG17, ZLSI17, ZFL17, VM-Agnostic [IYAK23].

VM-based [ESY+17].

VM-protected [GH12].

VM-scaling [AB16].

VM-to-hypervisor [NS17].

VM/370 [Att79, Bar73, Bar78, Cal75, Com82, OIb78, SM79].

VM/4 [NOK+85].

VM/application [LB12].

VM/ESA

VM/Pass-Through [MLA83].

VM/Pass [MLA83].

VM/PassThrough [MLA83].

VM/Backup [ZCW16].

VM/BBProfiler [TZK17].

VMbuddies [LIH15].

VMDFS [SSEA18].

Vmen [EGKP02].

VMM [LLF+18].

Vmnopix [Den08].

VMM [AD18a, ALL06, Car14, DQR+13, DLX+17, KZB+90, LD11, Lhp06, LZ16, RQD+17, SM90, TUM18].

VMM-based [ALL06].

VMM-Bypass [LHP06].

VMM-to-guest [LD11].

VMMB [MKKE12].

VMOR [MS18].

vmOS [LLX+17].

VMP [JNR12, PAC+22].

VMPlanner
VMPlants [KGZ04]. VMPP [Low92, LG93]. VMs [KMT14, KJJ13, PLMA18, RJK16, SEP19, VS19, ZB18]. VMScatter [CLL13]. VMS [KMT14, KKJ13, PLMA18, RJK16, SEPV19, VS19, ZB18]. VMThunder [ZLW14]. VMWare [Joo06, CK06f, Ham07, Kln09, KGG00, Tho08, Zim05, Zim06, Bas04, Bas06, War05, Wil01, AAH03, Ana00a, Ana00b, Ana00c, BDD10, Bas06, Bor01, BDR12, CK06f, Com00, Com03, DS09b, D+04, Gal09b, GKB15, Hal08, Hal09, Her10, HML17, IIPB09, Kis08, KMK10, Lav10, Low08, Low09, Low11, LMG14, MRM06, MBA09, MWHH05, MJW16, Ng01a, Ng01b, NL00, OH05, PPS18, Ros99, Rul07, R+02, See10, SIK16, SVL01, Ten17, TH10, Wal02, Wal99, War02, WF03, War11, Zim05, Zim06, B+07]. VNC [RSLA CLB16]. VNE [WBW19]. VNE-TD [WBW19]. VNET6 [GLQ13]. Vol.II [Shr89]. Volatile [AMH16, HN08, WZL18]. Volatility [WZL18]. voltage [TDG18, AMAB17]. Volume [AvMT11]. Vorstellung [CK06b, CK06e, CK06c, CK06d, CK06f, CK06g, CK06h, CK06i, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06r, CK06s]. VPC [KJM07]. VPFS [WH08]. VPN [MSI12]. VR [GWZ16]. VR-Cluster [GWZ16]. vs [Gal09b, Mad09, WKJ17]. vSAN [SHLJ13]. VSim [RPE12]. vSphere [Gal09b, Lav10, Low09, LMG14, Fit14, Hal09]. vSwitch [TSP17]. vSphere5 [Low11]. VSwapper [ATS14]. VSwapper [ATS14]. vulnerabilities [RY10, YSM21]. Vulnerability [CRZH15, Ano99a, JKDC05, PM19a, PMP23]. vulnerability-based [PMP23]. vulnerability-specific [JKDC05]. Vulnerable [JSHM15, JAS15].
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**Alpern:2005:PVE**


**Armstrong:2005:AVC**


**Ayoubi:2017:RMC**


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Alharbe:2022:FGG


Alharbi:2022:NSA


Antonescu:2016:SSB


Axnix:2015:IZF

Abeni:2019:HSR

Atzori:2019:SCI

Armbruster:2007:RTJ

Adair:1966:VMS

Aharon:1991:VIR


Anjo:2016:DML


Ayoubi:2016:TPB


Anglano:2018:PFT


Ancilotti:1972:VIO


ACM:1975:PFS


ACM:1981:ASC


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Asvija:2019:SHA


Adams:2014:HVM


Abd-El-Malek:2012:FSV


Abdelaziz:2017:SDW

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Alshathri:2018:SLM


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Ahmad:2015:SVM


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Averbuch:1994:PES


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Aral:1991:PCS


Aagren:1999:TCC


Agesen:2010:EXV

Auroux:1968:CMV


Aguiar:2012:CTF


Aigner:2015:AJE


Ahmadi:2022:CIB


Ahmadi:2022:FAV


Abbasi:2018:VMA

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Awad:2016:SSZ


Ahmed:2019:ILT


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Anonymous:1996:TWJb


Anonymous:1997:BRJe


Anonymous:1997:BFJ


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Ashraf:2018:MOD


Adoga:2022:NFV


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Arce:2007:GVM


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Asyabi:2018:TMT


Amin:2016:JST


Ajmera:2023:SPS

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Chen:2008:OVBc


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Cui:2018:SPA


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Chen:2012:FGP


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