A Bibliography of Publications about Virtual Machines

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

Title word cross-reference

$32.95 [Ano97a]. 5 [ALW15, HH18]. TM [Cza00]. TP [LTK17]. d [XDL15].
HV2M [CBZ16]. n [WZKP19]. ω [Arv02]. II [Syr07]. V2 [DG05].

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

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

/CLI [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06]. /dev/random
[Fei11].
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]. '02 [USE02]. '03 [ACM03b, Ert03]. '04 [Ano04a, Ano04b]. '05 [ACM05d, Vra05].

2 [Bri98, Com00, Com03, Kis08]. 2-Level [ZSR+05]. 2.0 [Fra06, Ng01a, SUN97]. 2000 [ACM00]. 2001 [ACM01a]. 2003 [RM03, ACM03a, ACM03b, IEE03, Int05a]. 2004 [ACM04a, ACM04b]. 2005 [ACM05a, ACM05b, ACM05c, Wi06]. 2006 [ACM06c, ACM06b, ACM06d, IEE06b, IEE06a, Int06b, Int06a]. 2008 [Lar09]. 2010 [Ano10]. 2011 [LKK11]. 2018 [Kol19]. 20th [IEE06a, Vra05]. 21st [IEE06a]. 23272 [Int05b]. 26th [ACM99]. 29-state [Sig89]. 2nd [Ano02].

3 [Mc70, PO09, vdK09]. 3.0 [MRGB91]. 3.1 [Bau06a, Skr01]. 3.5 [Fra09, Hög08]. 32 [Ano14b]. 32-bit [VED06]. 335 [ECM01, ECM02, ECM05, ECM06]. 360 [Kam75]. 360/40 [ABC06]. 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, Low09, NOK+85]. 4-7 [M+06]. 40 [Com82, GBO87]. 43rd [ACM06a]. 440 [R+02]. 4th [USE00a].

5 [IEE02, War05]. 5.2 [McK04, P+08]. 5.5 [Bau06c, LMG+14]. 5G [CM18, HCB18, RNA+22, SP22, XWW+21, ZLZZ1a]. 5L [Mly09].

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

7 [HH08]. 7th [Tho93].

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

'90 [IEE90b]. 9000 [ADG+92]. 91 [MR91]. '92 [IEE92]. '93

AHP [AHRR22b]. Aid [KLF*15]. aided [ME87, SI81, TB14]. AINA [SS05]. AIX [Gal11, My09]. ALEP [Sim92, SCP93]. ALEP-0 [Sim92, SCP93]. Alpha [WDSW01]. Alpha-1 [WDSW01]. Algorithm [AAR22, AAK18, BP09, LSC*17, LLWM23, LWW16, LW12, LW20, WCC20, ZHL16, AHRR22a, BB20, BRS*22, EB20, FS19, GGQ*13, GH20, GPR23, GA18, HAK22, Hog02, HS13, JGA*88, LKR*19, LZC*16, MM92, MS17, MMTM22, MMH19, NAR19, PC21, PKS*19, QBL*23, RGAT18, RH17, RT18, SB21, SEM*20, SS19, TMLL14, Tho68, WBW*19, XWW*21, XXWW23, YLCH17, YYC*19, ZLYV18]. Algorithm-Dependent [BP99]. Algorithms [ARAAA19, FGLI15, HHHK4, KP99, LPSS19, Man15a, SHW*15, AB16, BB12, CRB12, GLW23, HH19, Man18, ME87, MJ93, SGS92, WHW20, XTB17, YTS14]. aligned [AGIS94]. Alignment [EDS*15]. allocate [LLF*18]. allocating [MMTM22, XHW*19]. Allocation [BFM*21, CWL12, CPST14, Do11, GLBJ18, HKLM17, HLPY16, FP16, KRS*17, KCY22, LLZ18, Man15a, NMG15, NHL22, PCC*16, SJ21, SDM21, VTV16, WTRJ22, XSC13, ZWFX17, ZLG*20, CEPR22, CPST15, dCCDFdO15, DEG*17, EdPG*10, GLLJ16, GLW23, HMM17, HH19, JWH*15, JC18, KD20, KS20a, KS18a, LJY15, My09, RNA*22, RCTY19, SGV13, THH*14, WGY20, YGY21, YYC*19, ZG13, ZLH*15, ZWC*19]. allocation-site-based [CPST15]. Allocations [YWH*21]. allowing [Th073]. already [RAT17]. Alternative [HBL*10, MLG*02, vMAT14, SPF*07]. Alto [ACM01b]. Amazon [FFM*23]. AMD [Str05]. AMD64 [Ano14a]. American [Boa90]. among [CDN02, LLF*18, LTZ*14, TtLC13]. amplifying [DP11]. Analogy [Gal75]. analyses [BNS18, HB13]. analysing [PV06]. Analysis [ACM05a, BE17, BGF*14, BDG18, CC77, HT98, HKM*18a, HB17, HWB03, JKK*13, KNT02, LCK11, MM93, NMS*14, Ost94, RI01, RR19, SM02, TKG89, VP16, WH99, WDL*20, WLS*18, ZTA*21, ACM01a, AAM*03, AAM19, BBN09, BMER14, CBFH20, DD20, EB17, EMS15, FX06, GP13, GPW03, KSS*20, KSS*23, KS20a, LTZ*14, MD73, MD74, MSG01, PNC20, RB17, RGS*20, SMD11, TLX17, Wün13, YJZY12, YSM*21, ZMD*21, DHPW01]. Analysis-Driven [ACM05a]. Analytic [Bar73, Bar78]. Analytics [IGBK19, KKE19, WTM18, KB17]. Analyzer [Ano03a, SHLJ13]. Analyzing [CVWL13, PV08, ZDK*19]. ANCS [HLPY16]. Android [CXLX15, KLF*15, MMP*12, STY*14, THC*14, ZHY*19]. Anemia [RH17]. Anemia-Like [RH17]. Angeles [ACM06c, IEE84b]. Animated [PCR89]. annealing [RH17]. Annotated [MR04, RSF03]. annotation [ANH00]. annotation-aware [ANH00]. Announcement [Ano00]. Annual [ACM06a, Ano10, IEE85, IEE05, MS91b, Shr89, USE00a, USE01a, USE06].
ACM06a]. anomalies [FRM+15]. anomaly [Hui18, MW18, SIK+16].
Anonymisation [VV18]. Ant
[AAK18, PAC+22, AP18, FS19, GGQ+13, ZFL+23]. Antfarm [JADAD06a].
Anti [SMA18, AKCP21, Sta07]. anti-debugging [AKCP21]. Anti-P2P
[Sta07]. Anti-Virtual [SMA18]. anti-virtualization [AKCP21]. Antonio
[ACM99, USE01b]. Anwendung [Bec09, Bor01, WF03, Zim06]. Any
[WL96, FIF+15]. AOT [WKJ17]. APA [JNR12]. Apache [FRM+15]. apart
Sam22. applets [Wes98]. Appliance [See10]. Appliances
BRX13, ZZW+21, AEMWC+12, BSM+12]. Application
[AJ18, AW17, BB17, BCZ19, CHW12, cCWS14, Cza00, HMH17, KNT02,
KL+15, LWC+17, LPZ+22, MD73, MD74, PCW+16, TB17, WGW+18,
ZYH+19, AS14, BBS06, IBM88, Int88, IBM96, JAC+13, JCDZ13, JDJ+06,
Kag09, Lia05, LBF12, LFS+08, MRGB91, SE12, SWcCM12, SASG13, SL00,
ZS01, ZBG+05]. Application-Aware [AJ18]. application-specific [ZS01].
Application-transparent [AW17]. Applications
[AN99b, AN03a, BAL15, Boa90, DSM+18, DJS+17, FBL18, HHV+02,
HSK17, HC17, HCB18, IEE05, JW17, KKS+19, LGJZ16, LS+22, LH15,
NKK+06, Par71, PLMA18, Pl+13, PY93, SN23, ST05, TR88, VP16, WLS+18,
WZK19, XZL+20, AS76, ALF91, AC16, AB16, ACT94, ABC+07, BD11,
BPM+22, BSNB20, BTBNF+15b, BR18, BOF17, BFS+18, DMH18, DBC+00,
EMAL17, Fie68, FPS+02, FML+22, Jen79, JQWG15, KAH83, Mad69,
MP16, MRC+21, NLVP12, NSJ12, PF23, SDD+16, VNO6, WJ10,
WVT+17, WTJ12, XD17, YYY+23, ZTM17, AHRR22b, ADWM18,
BML+13, BHvR05, CGL+08a, CGL+08b, CGL+08c, CBZ+16, DS22,
GKP+19, GLJ16, HLJZ20, KW13, KKB14, KF18, LH13, LU04, MD73,
MD74, MK22, MAK18, MA21, NZH20, PSC+07, PJZ+19, PON19, RWV21,
SENS16, SH19a, SH19b, SEP19, TZZ17, TZR19, XHCL15].
Approaches [BALTJ15, FMM18, HM20, JK15, EYS19, TIIN09].
Appropriate [ZRS+16]. Approximation [GLW23]. apps [MMP+12]. April
[AN01b, IEE84a, USE01a]. Arbitration [SKJ+17]. Architecting
[SYY14, TZZ19].
Architectural
[DLLN18, DCP+12, Gol73c, JNR02, NMHS15, PJZ18, PEC+14, SL12, CFS+12,
DLL+16, PAK16, RVJ+01, WLT+13]. Architecture
[ASMA21, BBD+91, BKMM87, BDR+12, BG73a, CAF+91, DAH+12,
DSM+18, DS09a, ECT18, EMW16, G+05, Gol73a, Gol73b, Gum83, Han73,
HW93, Hsu01, HWCH16, IEE85, KZB+90, KeE77, LW13, LMG00, LMG01,
LGR14, MSS\textsuperscript{+}15, PCC\textsuperscript{+}16, PK75a, RC18, Rev11, SJV\textsuperscript{+}05, SADP21, SSB03, SN05a, SJA\textsuperscript{+}17, SWF16, Sun99, TR88, TV12, Tur92, Uhl06, WIS\textsuperscript{+}15, You73, ZL18b, ZZW\textsuperscript{+}21, ZGW\textsuperscript{+}06, Ano94, Ber86, BR01, BNS18, CCL\textsuperscript{+}17, CLDA07, DS09b, FS19, GDA\textsuperscript{+}17, GCARPC\textsuperscript{+}01, HIIG16, Hog02, HMS04, HPS23, IBM88, IKK\textsuperscript{+}06, Jou85, KW80, KNHH18, LLW\textsuperscript{+}12, LL14, MMTM22, MS01, MJ93, NOK\textsuperscript{+}85, OJG91, RFBLO01, Ros06, SIJPP11, SG09, SDN09, SOKKE23, Wel02, YTS14, YYP\textsuperscript{+}01, Yur02]. Architecture-aware [WIS\textsuperscript{+}15].

Architecture(R) [MBBS13]. Architectures [ACM06b, BN75, BDF19, EMAL17, ELC\textsuperscript{+}19, EG01, GG72, HW93, HHK94, Ian14, PG74, PY93, QTR21, RD90, SXMX\textsuperscript{+}18, BGS13, DM93, EMI13, KMG\textsuperscript{+}18, NBS18, PNM\textsuperscript{+}20, PG73, Skr01, YZW\textsuperscript{+}13, ZP14, CEPR22].

Architektur [Dal97]. Archive [CLKEF21]. Area [BFG\textsuperscript{+}14, Fis01]. areas [BCZ19]. ARIMA [CSSE21]. ARINC [DPCL22]. Arizona [IEE05]. ARM [CJJ\textsuperscript{+}22, DN14, DLL\textsuperscript{+}16, DLLN18, GND16, MGL\textsuperscript{+}17, ZTW17, PS19a].

Aroma [Sur01]. Arquillian [Ame13]. Array [MBK\textsuperscript{+}92, SV15]. arrays [dCJR16]. Arrivals [KMM13]. Arrives [Bai70]. Art [BGP00, SGB\textsuperscript{+}16, AEB19, BDF\textsuperscript{+}03, BDG18, DLLN18, GNDB16, ZTWM17, PS19a].

dAroma [Sur01]. Arquillian [Ame13]. Array [MBK\textsuperscript{+}92, SV15]. arrays [dCJR16]. Arrivals [KMM13]. Arrives [Bai70]. Art [BGP00, SGB\textsuperscript{+}16, AEB19, BDF\textsuperscript{+}03, BDG18, DLLN18, GNDB16, ZTWM17, PS19a].
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, Doi11, EGR15, EVCL21, GCL+21, HC17, HTB22, HPP15, JJK+11, JQWG15, KL14, LMM18, LXL+22, Man16, MA21, PYYG21, PHC20, RG17, SDD+16, TB17, XLL+14, XLJ16, XLWX19, XZL+20, YLH17, ZFWX17, ZCG+17, ZLZ21a, ZWL+18, 4SDF16, AJBJ23, AT23, ADA+19, AO16, AMAB17, ANH00, BSBB10, CD14, CCL+20, CLS+23, DXM+17, DCMW17, EBJ17, FZS+20, FA21, Fu10, GLK+12, GA18, HKS19, HZL+18, HHI18, HH19, HLBZ20, HSC15, HC12, IRB19, IKU15, JNR12, JC18, JYO18, KN18, KC16, KBDK22, KB21, KK21, KBS11, KCS14, KR16, KLF+15, LYY+18, LYY+20, LGXC23, LWL16, LWCZ22, LCL+23a, LCL+23b, LQD+18, MMTM22, MMH19, MA19, PC21, PFJ18, PFF13, PS23, RNA+22, RK10, RH17, RHZ+17, SSB+14a, SHR19a, SHR19b, SSN12, SGV12, SS22, SLZ+14, SK13c. aware [TDD20, WIS+15, WCC+16a, WDT18, XCY+14, XXW+21, XLWX18, XXWG23, YRJ18, YQZ19, ZH HCI17, ZWC+19, ZWL+23, ZWH+17, ZSR22, JZY+22]. Awareness [ZHL16, LCL14]. Azure [Fab13, RHV17]. Azure-Based [RHV17].

Beyond beginner YWH WGY20, WW77, WYZAD20, XZ11, XZZ + ZDLG17, BSOK 
basierende [Deu08].

GR15, HM20, HKJ19, HO22, HOKO14, HWCH16, JWH15, Keg09, 
Kam13, KLY20, KS13, KS20a, KRCH14, KKB14, KDB16, KK21, KM13a, 
KM13b, KJM, KLH13, gKY13, KLK+22, LMDP19, LLYY17, 
LYYY18, LRR19, LLZ+19, LLH+17, LLS+08, LC13, LPZ+22, 
LC1+23a, LCL+23b, MDP19, MCC18, MPA+18, MW18, NZH20, NRdA+20, 
NS17, Oi05, Oi06, Oi08, PFH+16, PDM20, PGLG12, aRQS20, QZDJ16, 
QBL+23, RGAT18, RH17, RHR20, RG19, RT18, RAP19, RCTY19, SBJ14, 
SS13, SEN16, SG10a, SEM+20, SV13, SM23a, SS19, SM23b, SPF07, 
SYC14, SXXM+18, SOKE23, SV17, SCFP00, Sto07, TT96, THB2, T14, 
TSCB19, VT14, VGL23, VOG03, WKT08, WDC18, WZ17, WBW+19, 
WGY20, WW77, WYZAD20, XZ11, XZZ+16, XRJ+17, XWX+17, XYYY17].
based [X22, YNG98b, YZW+13, YZLQ14, YLCH17, YZB+15, 
YWH+23, YSM+21, YL22, YC16, ZG13, ZMD+21, ZLH+15, ZWHC17, 
ZAI+16, ZFL+23, ZLS+16, ZXR+22, dSOK17, vKF13].


BCPL [Abr80, WW77]. BCPL-Slim [Abr80]. Be [Cox07]. beams [MC98].

Beautiful [SG09]. Bedienung [KGG00]. Bee [PS23]. beetle [BRS+22].

beginner [RR09, Wes98]. behave [Voe86]. Behavior [EG01, XWH+16, 
ZDLG17, BSOK+20, CL14, LWB+15, Oi08, SEM+20, W099].

behavior-based [SEM+20]. behavioral [CL17b]. Behind [Cra98].

Belgium [ACM04a]. Benchmark [DHPW01, WZT19, GPW03, SMSB11].

Benchmarking [CGS06, RO16, AHK+15, FLM+08, KJ13, ZS01]. benchmarks [LJN+00]. Benefit [HB14]. Benefits 
[KKW+19, LS15, SIRP17, CM18]. Berkeley [USE01c]. Best 
[B+07, BY20, GHS16, MS17, Sch13a]. best-fit-decreasing [BY20].

betreiben [RHM08]. Betriebssystem [CK06a, CK06b, CK06c, 
CK06d, CK06e, CK06f, CK06g, CK06h, CK06i, CK06j, CK06k, CK06m, CK06n, 
CK06o, CK06p, CK06q, CK06r, CK06s]. Betriebssysteme 
[WR07, WR08]. Better [MW05, Com00]. Between 
[Jun09, KLLT18, ZLDH15, BDJDS02, BR18, CL17a, GLQ+13, GSW+17, 
KGS16, MA173, EYGS19]. Beyond [FPS+02, ACM04a]. Bias [Lee16]. biased 
[ABB+91]. Big 
[ECET18, GTS+15, MSG14, WTM18, BOF17, DXM+17, LMDP19]. Billing 
[RB17]. Bin [BB17, GR15, SXCL14, XDSL15]. Binaries [PA21]. Binary

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, ZB18, Bhu02, CGW00, G+01, Hee07, Hog06, Hog08, JM08, Ment03, Siv07, Wil06]. C# [G+01]. c-mean [ZB18]. C/C [Bhu02]. CA [ACM06a, ACM06c, Ano97a, IEE84b, IEE93a, USE01c]. Cache [HS21, JQWG15, KR18, NSP16, RHR02, SIO+21, TBS17, vSMK+20, Boz89].
CacheInspector [SDS+21].

CacheOut [vSMK+20]. caches [BLRC94]. Caching
[AAM05a, Ano01b, Ano04b, Ano10, IEE96a, IEE97, IEE99, USE91, USE99, USE01c, USE02, IEE84a, IEE91, Tho93]. Call
[DEK+03, Lee16, PULO16, PVRR14, SSB+14a]. Call-site [SSB+14a]. calling [HB13, SSB+14a]. calls [VMBM12]. Cambridge
[USE93]. CAMIG [HTB22]. Can [Cox07, GW07, THB06, Sig89]. Canada [ACM06f, Sof83]. CAOS [Sch86]. Cap [HC17]. Capabilities
[TVO92, WZT19, Ame13, AAB+05c, Fit14]. Capability [ECET18]. Capable [Ott18, PST+15a]. Capacity
[BB17, HMH17, LYGG20, SJ21, WUK+18]. capo [SMSB11]. Capping
[Ano93, Car14, CGC16, DY17, FML+22, IEE90b, PCC+16, WN17, XWX15, ZDK+22, CLL+23, HKB19, HUWH14, IRB19, JYO18, KBK22, LZW+15, Man15b, MR06, MBM09, NTH+17, RGS+20, TDD20, VOS12, WDC08, WZV+13, YPLZ17, YGLY21, YLJ22, ZLZ+19b, ZWH+17, Car13]. Centers
[AJ18, AAAF21, AGC18, BB13, CL17a, CTP+17, EGR15, HTW+19, HO22, JFPL16, KMM13, LMM18, LVM16, LLW23, Man15a, Man16, SB16, YLH17, YWW+15, ZHL16, dSdF16, ARA18, ARA20b, ARA20a, AD19, AJJB23, AGH+15b, AGH+15a, AHRR22b, ATZP21, ATS16, AMAB17, ARMA18, BB12, CFRSS19, DLH+20, FLL+13, GH20, GSKJ18, HM20, HTB19, HLB20, IKU15, IPRS21, KDK20, KTB17, LZC+16, MAB18, MH19, NZH20, PC21, PVR14, Pon19, uRQS20, RK16, RH17, RT18, RK18, RJK+17, RGS+20, SB21, SHR19b, SBU18, SS19, SM23b, WCY+17, WH20, WTLS+09, XLQL18, XXWG23, SHR19a]. centralized [Fis91]. centric [AAMBE21, PAKY16, SBBP20]. Certain [Han73, HJS12]. Certains
[Han73]. Certified [Klm09, IIPB09]. CéU [SIR+17]. Chain
[EMAL17, GR20, HJG18, LW20, MTFK19, MSC+21, RH17]. chain-based [TSN+23]. Chaining [AP22, GKK18, KBK+21, LLW+16, LYL21, MP16, WCC20, XZL+20, GHM+18, LKR+19, SHB19, TSCB19]. Chains [FBM+21, JWL+18, KLLT18, LAGX23, PHXL19, ZLZ+21b, NRS92,
RHR20, XHW+19, YXL+20. challenge [STMV18, Sam22]. Challenges [ARA20a, AFG+17, AP22, Cap21, Car23, JW17, KK19, MZ20, Nie12, SABL20, SG10b, AEB19, BCZ19, CM18, FJJK17, JAC+19, LDDT12, MA10, MA17, PCB+18, TIIN09, ARA20b]. change [ZL13]. Changing [Mac79].


class [LCWB+11, LB98, Pat12, SS17, Won97]. classes [Bor07, OKAM17, Skr01]. classical [SGS92]. Classification [VLZL16, CWC+14, YSM+21]. classification-based [CWC+14].

Cleancache [VTW16]. CLI [ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, SNS03, Vog03, Wil06]. CLI-based [Vog03].

Client [ISW+06, DF+09, HHG16]. CLIP7 [Lau87]. clock [DCA17].

Clones [ZCJ+21]. Cloning [LCWB+11]. Closing [ZLHD15].

Cloud [AJ18, AVNR19, AAAF21, AAR22, AGC18, AD18b, ASSB18, BB13, BLMP22, BCW20, BHEP14, CWL12, CPKL17, CFM17, Cap21, CPS17, CZX+19, CTP+17, DMS+18, DKW15, ETAB22, ELC+19, FBL18, FF+23, GB19, GLS15, GSW+17, HM17, HCLM17, HR12, JE12, QWJG15, JW17, KC16, KKE19, KSVR23, KCY22, KMM13, KAZS14, KK19, LCWB+11, LKL19, LGR14, LG1+18, LSSC22, LLWM23, LW12, LH15, LWZ+18, LS15, MSG14, Man15a, Man16, Man18, MJW+14, MZ20, MPA+18, MB20, NLFPV12, NSJ12, NIH22, PJJ18, PHXL19, PCW+16, PXG+17, PS16, PCC+16, PG17, PG18, RSNK17, RSGG15, RWX+12, SL14, Sar16, SJS+17, SCI18, SZW+16, SV13, SB18, SXCL14, TB17, TVKB16, TMMLV12, VGL23, WDL+20, WVT+17, WUNK17, WUK+18, WLS+18, WTM18, XSC13, XWX15, XLI+14, XLI16, XLIWX19, XLL+20, XRL+22, YLN+17, YP15, ZDK+22, ZDS+22, ZQCG16, ZLI16, ZCG+17, ZLI18b, ZLZ+21b].

Cloud [ZWL+18, ZBO, ZHL16, ZLW18, ARA18, AD19, ABBJ19, AGB+15b, AGH+15a, AHRR22b, ATZP21, ADA+19, AB16, AO16, AMA+14, ATS16, AMAB17, ARMMA18, AP18, AEB19, AA18, AAC+17, BB20, BD11, BTMS10, BEg12, BMF23, BCC+15, BRS+22, BSNB20, BFS+18, CSMB15, CL14, CEPR22, CSSS11, CCL+20, CLL+23, CBFH20, DL19a, DS18, DC15, DEG+17, DQLW15, DLH+20, DHD20, DCMW17, DS22, EYG21, FLL+13,
cloud

[LTZ+14, LPZ+22, LP11, LPBB+18, MR23, MK22, Man15b, MNA16, MK19, MMTM22, MW18, MA21, MA17, MHH19, MA19, MPM+20, MMG+18, NZH20, NKK21, NAR19, NS17, Nic12, NIA18, dOL12, OL13, PKS+19, PAKY16, PM19a, PDM20, PFPJ18, Pon19, PS23, nRQS20, RK16, RK20, RGAT18, RH17, RHR20, RWC21, RT18, RQD+17, RK18, RJK+17, Ros14, RGS+20, SZKY21, SSG+20, SBI21, SHR19a, SHR19b, SG10a, SEM+20, SGV13, SM23a, SASG13, SSEA18, SM23b, SBP+17, Str13, TZXK17, TMLL14, TDD20, TUM18, VT14, WCY+17, WGY20, WB16, WLL+13, WR5VdM11, WRS+15, WXW15, XHL+13, XZZ+16, XTB17, XWL18, XZK+20, XA22, XXWG23, YLH14, YLCH17, YW20, YJZ+21, YBZ+15, YWH+23, YRJ18, ZWXX17, ZYZ+18, ZLZ13, ZWHC17, ZHHC17, ZWC+19, ZFL+23, ZWH+17, ZLW19, ZRZY15, ASB18, BB15, dCCDFdO15, DXM+17, FBZS12, FGG14, HZZ+14, KMK10, KR16, LMV12, LBZ+11, LWWL16, LLZ+19, PPO14, QXH18, RCTY19, STMV18, SYMA17, TSCB19, VSMC23, XJJW15, ZG13, ZLH+15, ZLW+19a, ZB18, ZLV+12, ZBS+15, EMS15].

Cloud [CMG+19, KKB14, KBB11, KMG+18, XYYY17].

Cloud-assisted [YZ+18].

Cloud-Based [Cap21, WLS+18, BLMP22, MPA+18, BSNB20, XYYY17].

Cloud-computing [ZLZ+13].

Cloud-distributed [AB16].

Cloud-Edge [KSVR23].

Cloud-Assisted [ZYZ+18].

Cloud-Based [Cap21, WLS+18, BLMP22, MPA+18, BSNB20, XYYY17].

Cloud-Computing [ZLZ+13].

Cloud-Distributed [AB16].

Cloud-Edge [KSVR23].

Cloud-IoT [KB21].

Cloud-Internet [KB21].

Cloud-of-Things [CMG+19].

Cloud-oriented [Beg12].

Cloud/Virtual [YP15].

Cloudlet [ZLV+12, ZBS+15].

Cloudlet [YZ+15].

Cloudlets [RSN+18].

CloudMon [WLLZ16].

CloudNet [WR5VdM11, WRS+15].

CloudSim [AD11, CRZH15, ESY+17, HTB22, HMK+18b, HLPPY16, HKW13, HS21, KMK16, KDB16, KPHA20, Kow19, LWLL10, LLZ18, MLXG19, NMG15, OG16, OSK15, RG17, RB17, SBBP20, SDS+21, SCL+19, WZL15, WLLZ16, WHD+16, WWL+17b, XCSM18, YYYY+17, ZWH+17, ZRZY15, ASB18, BB15, dCCDFdO15, DXM+17, FBZS12, FGG14, HZZ+14, KMK10, KR16, LMV12, LBZ+11, LWWL16, LLZ+19, PPO14, QXH18, RCTY19, STMV18, SYMA17, TSCB19, VSMC23, XJJW15, ZG13, ZLH+15, ZLW+19a, ZB18, ZLV+12, ZBS+15, EMS15].

CloudScheduler [BCW20].

CloudSim [OBSR16].

CloudSimSDN [SHB19].

CloudSimSDN-NFV [SHB19].

Cluster [CL16b, GKPSP99, LWZ+18, SFF+06, TLC06, ZCG+17, FLCB10, KLJY15, LJL12, SBP+17, SSN04, WDT18, WLG+11, XLQL18, YLHJ14, YCL+18, GWZ16].

Cluster-Aware [ZCG+17].

Cluster-based [FLCB10].

Clustered [DJS+17].

Clustering [ARA+19, ZXX+16, ZWCH17, LQD+18].

Clustering [XZZ+16].

Clusters [CPY17, GSW+17, LZ15, LWW16, PXG+17, WIS+15, YWCF15, ZLW+14, AO16, CP17a, Fu10, HCJ07, KOY05, KS18b, PRT16, RHR20, SJJ+12, ZWXX17].

CMD [CWC+14].

CMI [MPM+20].

CMS
CNC [Lia05] Co [DCG12, HS06, LGJZ16, LH16, SOAK23, WIDP12, CCW+20, LF19, OG16, Wu13, YWGH13, Yu20, THB22].


COBOL [IBM88, Int88, TT96]. Cocoa [YLN +17]. Code [AC98, CDN02, Dom80b, Fra83, GFH82, GHF83a, GHF83b, RJK16, VGF16, WK20, WNL +83, Ano15, DNR06, EL98, FC98, FCG +05, HK07, HLW +13, JM08, NG13, PV08, tTR82, UTO13, WKJ17, WGF11, Cox12]. code-copying [PV08]. Coded [ZLL +20]. Codesign [KAJW93]. CodeWeavers [Ano03b].


Collaborative [Cap21, FML +23, IEE06a, XWH +16, ZCG +17]. Collecting [DS16]. Collection [ADM98, Ano03b, BS90, HPHV17, SHB +03, URJ18, BOF17, DEE +16, PBAM17]. Collection-Oriented [BS90]. collections [BDT13, SV15, SV17]. collective [SEM +20]. Collector [GTS +15, WK08]. Collectoren [Sch13a]. collectors [Sch13a]. colocation [WTLS +09]. Colony [AAK18, PAC +22, AP18, GGQ +13, ZFL +23]. Colorado [USE00b].


Commandos [MC93]. Commodity [KLK +22, RTL +18, Ros99, ZTWM17, BK14, CGL +08a, CGL +08b, CGL +08c, CLDA07, TLBW12]. Common [CK87, Cro93, Int05a, Int05b, Int06a, ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, MR04, PW03, RSF03]. communicating [KDK20, SK13c]. Communication [AAT +22, CL17a, CK06b, CK06e, DJ77, GGM +16, HW15, Jen79, MTFK19, RLZ +16, YC98a, YC98b, BML +13, DSC +08, DJ76, GI12, Kip21, Tho93].


Comparison [Do11, EDS +15, Ng01a, Ng01b, QNC07, AA06]. Compatible [ZFL15]. compensation [XNH21]. Competition [CRZH15]. Competitive [BFG +14]. Compilation [ACM06b, Cla97, FM90, JK13, KS13]. compile [RAT17]. compile-time [RAT17]. Compiler [GH82, Har77, FS89, YC16, THL03]. Compiling [BS90, BUH87, Ode87, Wak99]. Complete [Bod10, Fis09, LJN +00, RRB17, War02]. completion [MNT14]. Complex [KAZS14, Sig89]. Complexity [SSH17, SP22, Bod88, FS08, GLK +12, Sub08].

Compliance [HC18]. Compliant [CF00, HWCH16, LDRS18]. Component [Ano03b, BSNB20, WML02]. Component-aware [BSNB20]. Components

Comprehensive [AP22, HSN17b, LV99, PCW+16, PS19a, TFltC15, GP13, MFT+19, MA17, NMC18b, NMC18a, RHR20, YWL+18]. compressing [JDW+14]. Compression [HKKW13, SHTE11]. compromise [CD01].


Comprehensive [AP22, HSN17b, LV99, PCW+16, PS19a, TFltC15, GP13, MFT+19, MA17, NMC18b, NMC18a, RHR20, YWL+18]. compressing [JDW+14]. Compression [HKKW13, SHTE11]. compromise [CD01].

ACM06a, ACM06b, ACM06f, Ano93, Ano99b, Ano01a, Ano02, Ano04a,
Ano06a, BW03, DC15, IEE84b, IEE93a, IEE05, LCK11, Mar81, MS91b,
MR91, So93, SS05, Shr89, USE99, USE00a, USE01a, USE01b, USE06,
ACM05c, ACM06e, IEE06b, JPTE94, USE85, USE86, ACM00, IEE85).

Confidence [ARHR22a]. Configurable [WJGA12]. Configuration
[BRX13, Lar09, A+04, FL13b, SMA+10]. configurations
[LDL+08, RGS+20]. configure [Car14]. Configuring [AL05, Rul07].

Confirmation [MTFK19, OG16]. conflict [BLRC94]. Conflicts [KPHA20].

Conformation [MFTK19, OG16]. CoNFV [ZSP+21]. Congestion
[CL16b, Gr20, LYS+18, PHC20, YLH17, ZWC+14]. Congestion-Aware
[PHC20, YLH17]. Congress [GHH+93]. conjugate [MM92]. Connected
[SMES01, MS00]. connection [MJ93, Tur84, XJW+18, TR88]. connections
[FBZS12, Ker15]. connectivity [TZB19, VOS12]. conservation
[BRX13, Lar09, A+04, FL13b, SMA+10]. configure [Car14]. Configuring [AL05, Rul07].
Continuous \cite{DL89, TSLBYF08}. Continuum \cite{Bad87}. Contraction \cite{Par79}. contracts \cite{ZBS+22}. Contribution \cite{Han73, ABB+19b, Han73}. Control \cite{Anh22, AGLM91, Att79, CFL19, CL16b, Com65, Cre65, DL19b, GGK18, HS19, HHC+16, L215, LGZ16, LXL+22, PSBG11a, RSNK17, RSN+18, Sch94b, Sch94a, SDD+16, Sur01, WJ10, WUK+18, WN17, WASJ13, WLC17, Zyt94a, Zyt94b, AS76, AMIA19, BKH+06, FP14, HB08, Kee68, Kis08, KKS12, Lia05, Olb78, PSZ+07, PSBG11b, PSC+07, STS+13, XHY+19, ZBG+05, ZSW+06}. Control-Flow \cite{WJ10}. controlled \cite{KK79, Sto07}. Controllers \cite{AMH+16, SDB+21, CWG00}. Controlling \cite{HSK17, BKC+13}. convection \cite{BB95}. Convention \cite{Ano93}. Conventional \cite{Mad69}. converged \cite{DPW+09, SJB+20}. Convergence \cite{RM03, KKK+18}. Conversion \cite{GBO87, IBM94, YTY00}. convex \cite{SJRS+13}. convolution \cite{QBL+23}. Convolutional \cite{EVCL21}. Cookbook \cite{Car13, Car14, G+06, P+08, TH10}. cooling \cite{ARMMA18}. Cooperative \cite{KJL11, RIP18, GLL+16}. Coordinated \cite{ABV12, CRG16, Tho93}. COOTS \cite{USE99}. Copley \cite{USE01a}. Coprocessor \cite{LRZ16}. Copy \cite{AGJS+16, LSC+17, ZCJ+21, HDG09, LXRS19}. Copy-on-Abundant-Write \cite{ZCJ+21}. copy-on-write \cite{LXRS19}. copying \cite{PV08}. CORBA \cite{GCARPC+01}. Core \cite{JYM+23, KR18, RTL+18, CMP+07, DQR+13, JAD19, KW13, PNT12, SK13b, SWH+13, YTS14}. Corel \cite{Ano03b}. Corfu \cite{DJS+17}. Corner \cite{Sch94b, Sch94a}. correct \cite{DM93, IM75, Kou11}. Correction \cite{ARA20b, Lee16, LCL+23a, NMC18b, SHR19a}. Correspondence \cite{BDJdS+02}. CoShare \cite{WTJR22}. Cosmology \cite{Nel04}. Cost \cite{AMA18, AMH+16, CZX+19, EVCL21, HKS19, HKM+18b, VS19, WDL+20, XLWX19, ZB20, ADA+19, Dre08, KJM+07, LBZ+11, MMTM22, NMC18b, NMC18a, OMB+15, SJRS+13, WCY+17, YRJ18, ZL15, ZLW+19a}. Cost-Aware \cite{EVCL21, YRJ18}. Cost-Efficient \cite{VS19, HKS19, MMTM22}. Cost-Performance \cite{WDL+20}. Costs \cite{ZHW+17, FLL+13}. count \cite{XWX+17}. counter \cite{NB11}. Counteracting \cite{VT14}. Coupled \cite{WN17}. Coupling \cite{BJPS73}. course \cite{AL05, Don88}. courses \cite{BBS06, GD08}. Cover \cite{Arm98}. Coverage \cite{CSS+16}. Coverage-directed \cite{CSS+16}. covert \cite{WXW15}. COVID \cite{Cap21}. COVID-19 \cite{Cap21}. CP \cite{Bar73, Com82, Par72}. CP-40 \cite{Com82}. CP-67 \cite{Bar73, Par72}. CPS \cite{CCL+20}. CPU \cite{ASB18, BSS+14, GKJ+19, HB08, JGW+11, Kam13, LWC+17, PDL+23, Skr01, SK13c, TSN+23, VWT13, WGLL13, Yu20}. CPU-bound \cite{TSN+23}. CPU-intensive \cite{GKJ+19}. CPUs \cite{vSMK+20}. crash \cite{KY16}. create \cite{Fit14}. creation \cite{CK06b, CK06e}. Credit \cite{KP15, KCS14}. Credit-Based \cite{KP15}. Cricket \cite{EBLM22}. crisis \cite{AT16}. criteria \cite{ATS16}. Critical \cite{Ano15}. Criticality \cite{WLMD16, LWM14}. Crop \cite{UBF+98, BDF+98}. Cross \cite{GAHL00, GSS+18, JR02, JXL+12, SWF16, SKT+19, WLW+15, WCL16b}.
cryptographic [QZDJ16]. cryptography [RY10, VDO14]. CSDA [War11]. CSDP [War11]. CTO [Cre08a, Cre08b, Cre09, Cre10b, Cre10a].
Customizable [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, AAAF21, Ahn22, AGC18, Att73, BFHW75, BB13, BC19, CL17a, Cap21, CGC16, CTP+17, DY17, EGR15, ECET18, FML+22, FL13a, GTS+15, HTW+19, H022, IEE84b, JFPL16, KP15, LMM18, LVM16, LLWM23, Man15a, Man16, MMdE19, Nel04, PCC+16, SB16, UVL+13, WKJ20, WN17, Wel94, WTM18, XWJX15, YHL17, YWW+15, ZDK+22, ZHL16, dSdF16, vSMK+20, ARA18, ARA20b, ARA20a, AKK+07, AD19, ABBJ23, AGH+15b, AGH+15a, AHRR22b, ATZP21, ATS16, AMAB17, ARMA18, BK14, BB12, BDE+03, BOF17, CTKR17, CFI+23, CFS+12, Cla05, CRFSR19, DLH+20, DM+17, FLL+13, GE65, GH91a, GH20, GSKJ18, HM20, H08, HK19, HTB19, HLBZ20, HUWH14, IRB19, IKU15, IPRS21, JFZL17, JYOB18, KDK20, KBDK22, KTB17, KJ+16, KSLA08, KB17, LDL14, LZW+15, LZC+16, LRP+19, LMDP19, Man15b, MAK18, MRRM06, MBM09, MMH19, NZH20].
data [NTH+17, PC21, PVR14, PRB07, Pon19, uRQS20, QXH18, RK16, RH17, RT18, RK18, RJK+17, RGS+20, SZKY21, SBI21, SHR19a, SHR19b, SBN18, She91, SS19, SM23b, TSLBY08, TDD20, VOS12, WKJ17, WDC08, WZV+13, WCY+17, WHW20, Wo199, WTL5+09, WCG14, XZ23, XW19, XLQ18, XXW23, YPL27, YGLY21, YLJ22, ZLZ+19b, ZWH+17].
data-control [XHW+19]. data-flow [GE85]. data-intensive [JFZL17, QXH18, SZKY21]. Data-Oriented [ECET18]. data-parallel [She91]. DataABC [JFZL17]. Database [WK90, BB06, CSSS11, ECAE13, MN91, MRC+13, PTM+15, SI81, SMA+10].
databases [GDSA+17]. Datacenter [BBM+15, CFL19, KGGS17, BCP+08, EYG21, GTGB14, MSG+12, SG10b, ZLZ15, ZWC+14]. datacenter-scale
[MSG\textsuperscript{+}12]. Datacenters
[FXL\textsuperscript{+}23, IBBA\textsuperscript{+}20, JWJL\textsuperscript{+}18, KGGS\textsuperscript{18}, KL14, LGJZ\textsuperscript{16}, LGJ\textsuperscript{+}18, LCZ\textsuperscript{+}19, LW20, SC17, SC18, GLJJ\textsuperscript{16}, KK21, LPBB\textsuperscript{+}18, WRS13]. Dataflow [HT98]. Datapath [TSPI17]. Dataplane [BPP\textsuperscript{+}17], DAVmS [MA21], DBT [KS13], DCN [CYX\textsuperscript{+}17], DDG [PGLG12], DDG-based [PGLG12], DGDacc [PGLG12]. de-duplication [CLC\textsuperscript{+}13]. de-facto [Rus08]. dead [SK13a]. Deadline [AD18b, DQLW15, HKS19]. deadline-aware [HKS19]. deadlocks [PRB07]. dealing [BG20]. deallocator [GPS\textsuperscript{+}18]. Death [NOT\textsuperscript{+}17]. Debian [CK06a, CK06b, CK06k, Bau06a, CK06a, CK06b, ZMD\textsuperscript{+}21]. Debian-based [ZMD\textsuperscript{+}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, IMM06]. decentralised [STMV18]. decentralized [AJBJ23, HPS23, XJR\textsuperscript{+}17, ZBS\textsuperscript{+}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-Based [MJW\textsuperscript{+}14]. Deep [Che21, KSVR23, MSC\textsuperscript{+}21, ZDS\textsuperscript{+}22, GTK17, HC-C14, MK22, QBL\textsuperscript{+}23]. deeply [TMJ\textsuperscript{+}21]. defending [CVWL13]. Defensive [BDJdS02, Cob97]. Defined [AFG\textsuperscript{+}17, CL17a, CPKL17, FXHY21, FML\textsuperscript{+}22, JN15, LLW\textsuperscript{+}16, LXZ\textsuperscript{+}21, MP16, Ott18, Pap20, SN23, SB18, SKT\textsuperscript{+}19, TBS17, YWH\textsuperscript{+}21, ZKWH17, ALW15, DS19, HHSG18, LJR12, LWL16, TK20, XJW\textsuperscript{+}18]. Defining [DL89, Hri17, Lot91, BMW86]. Definition [Dom80b, SSB14b, SMO84, EMS15, SSB01]. Definitive [Oak14, Chi08]. Defragmenting [SVG13]. degradation [BJ22]. Degree [GB19, KMM13]. DejaView [LBP\textsuperscript{+}07]. Delay [RSNK17, RKRK17, WCY\textsuperscript{+}17, ZRS\textsuperscript{+}16, HH18, LCL14]. Delay-cost [WCY\textsuperscript{+}17]. delay-sensitive [LCL14]. Delivery [FLZ21, MSCP\textsuperscript{+}21, TFlC15]. delta [SHT11]. Demand [CWL12, KJK\textsuperscript{+}13, MSS\textsuperscript{+}15, SC18, SEF\textsuperscript{+}06, ZZF06, DEG\textsuperscript{+}17, J\textsuperscript{+}05, JMBZ213, LZW\textsuperscript{+}15, SGV13]. Demand-based [KJK\textsuperscript{+}13, SGV13]. demands [BG20]. Demon [XYD\textsuperscript{+}18]. Demystify [YIH\textsuperscript{+}19]. Demystifying [PS19a]. Denelcor [Dun86]. denotational [Arv02]. Denver [USE00b]. Deoptimization [KRCH14]. Dependability [FP14, VW08]. Dependable [DPCA11, SJW\textsuperscript{+}13]. dependences [BKC\textsuperscript{+}13]. Dependent [BP99, BB17]. Deploy [Kol19, XHW\textsuperscript{+}19, CSMB15]. deployed [RY10]. Deploying [KL18, R\textsuperscript{+}13]. Deployment [FBM\textsuperscript{+}21, LXZ\textsuperscript{+}21, MSC\textsuperscript{+}21, ZLZ\textsuperscript{21a}, AAB\textsuperscript{+}05b, Bor07, CGV10, LPZ\textsuperscript{+}22, QBL\textsuperscript{+}23, SASG13, WG\textsuperscript{+}18, ZL\textsuperscript{+}13, ZLV\textsuperscript{+}12, ZBS\textsuperscript{+}15]. depth [CBFH20]. derivation [MSZ09]. Derivative [Pfo13]. derived [Int06c]. Deriving [HWB03]. Description [Cre65]. Design
Designed [HS06, DCG12, Wu13].

Designing [Par79, PM19a, PDM20, TGCF08].

DesignJet [MSCK92].

Designs [DMS02, RGSJ17].

Desktop [Ano03b, BWD15, KGG00, CCWY05, EM06, LLX17, SWW18, WH05].

Desktopping [JKB15].

desktops [KKJL14].

destination [HM20].

Destruction [NOT17].

Detecting [CL14, CJJ+22, JKDC05, TV12, CWdO+06, LRC05].

Detection [CWS12, CIW+14, HTAY21, JHS12, LSSC22, SXH+19, AD18a, AMA+11, BSOK+20, FLM+08, Hui18, LF19, LMDP19, MW18, MA17, NS17, PDM20, PYBH+08, SIH+16, WCG14, XZJ13].

detection/prevention [MA17].

detectors [LMJ07].

Determine [BP99].

Determining [ZRS16].

Deterministic [KD78, RTL18, BB12, KM13a, KM13b].

dev [Fer11].

Develop [DBMI92].

developers [SS17, Wil06].

Developing [HZZ+14, PCR89, RHZ+17, Wuu71, R+13].

Development [IGKBKR19, Kna93, LLWM23, Lia05, RJT93, Wil01, Bor97, But94, CGW00, Her10, IBM88, Int88, STFH15, TT93].

Device [Ano03a, JKJ+10, KKT17, Nou92, SGB+16, XYS+18, FFBG08, LU04, SBZQ14, TuLc13, WHSE15, YWTC15].

Devices [CXLX15, KLK+22, MV16, RC18, SSB03, SVL01, XD16, XD17, CMMG+23, CT03, DPW+09, PDC+12, Rus08, Wal76].

Devirtualizable [LSS04].

devirtualization [KJM07].

Devirtualizing [HHS18].

DevOps [FBL18, SCL+19].

Diagnosing [MST+05].

diagnosis [PPO14].

dialect [BMWB96].

Diego [Ano10, IEE93a, USE99], dienste [WF03].

Difference [GLV+09, GLV+10, Wal10, WBW+19].

Different [Nle04, PM19b, MFT+19, WCG21].

differential [CSS+16].

Differentiated [MSS+15].

diffusion [DM93, MM92].

Digital [MBK+92, TLBW12, vCPWvT11].

dimensional [BSSM08, HPcC04, ZMD+21].

Dinamica [FSFP19].

DINO [RSW91].

Direct [M098, TFlcC15, BLR2C94, LC09a].

direct-mapped [BLR2C94].

Directed [AJM+06, CSS+16, NG13, RP07].

Directions [FLZ+20, GB19, WC01, ZXR+22, NIA18].

directive [CPM+18].

directive-based [CPM+18].

director [KMK10].

Directory [BC19].

direkt [LC09a].

Dirty [LZM+20, MZD+18].

Disaggregated [ASPP22].

disaggregation [SM23].

Disaster [HS19, KKL16, MTFK19, AAF+09, EBS13, RCOW12, Mar08].

disaster-recovery [BGS13, Mar08].

Disclosure [WWL+17a, FSH+13].
Discrete [MBWW86]. discovering [FBZS12]. discovery [PST15b].
Discrete [GLL+21, YP15, ZGL+17]. Discrete-Time [GLL+21, ZGL+17].
Discussion [G9+01].
Disk [ECET18, WWL+17b, AAH+03, BC10, DSSP06, DP11, WTL+16].
Disk-as-a-Resource [ECET18]. diskette [Ano97a]. disks [HJ10, hTMAC+08]. Dispatch [DLS+01, KKC+16]. Distance [GPM21, KKLV16, AJD09, MA21]. Distributed [Ano10, BBD+91, BDF+99, CEPR22, CLLS12, Das91, FXL+23, FKZ17, FD08, HKLM17, IEE93a, IEE96b, JW+18, JZY+22, Kim84, KMG+18, KAZS14, LLW98, LS15, MLXG19, PP16, PHXL19, SC17, SCL+19, SM02, TCP+17, Vol90, WBS1, WIS+15, WVT+17, WLS+18, WN17, XWH+16, ZF06, AC95, Ano96, AB16, AFT01, Bir94, EBLM22, EMI13, FS19, Fis91, FF96, FX06, Fu10, GKP+19, KTB17, KJI+16, KSLA08, LC14, NS17, SBJ14, SSN12, SGB+99, SGB+00, SIK+16, VOS12, WKC+09, XLQL18, YYC+19, ZWKK17, ZWCH17, ZB18].
Distributing [HHW10]. Distribution [Deu08, Vol90, ZKWH17, BTLNB+15b, WRS13]. Distrusting [SOAK23].
Diversity [SJS+17, WG113, WHD+09]. divisible [HM18]. DJM [LLW98].
Domain-aware [KLF+15]. Domains [PNT12]. dominance [CPST14].
Dominant [ARAAA19]. done [Han16, HUL06]. Don’t [HHPV15].
[ACM05a, NSJ12, PY93, RB17, SV13, TV092, XRL+22, CSSS11, DLX+17, EdPG+10, ZBS+22]. Driver [JXL+12]. DriverGuard [CDD13]. Drivers
[Chn06, JKJ+10, Nou92, LU04, 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
[FS08]. dummies [Low08]. duplication [CLC13]. Durham [Boa90].
during [JK13]. DVFS [Kam13]. DVM [MSG+12, MSG14]. Dynamic
[Ab80, AMAB17, BB13, BHI15, BFS+18, DHPW01, DMG+15, DHD20, FB+21, GWZ16, GSNN13, HTW+19, HLPY16, JWH+15, KKE19, Lee16, LLMW13, LB08, JLJ+15, MR23, MP16, MDGS98, MG15, PTTH14, PHXL19, QLT+21, RC18, RAP19, SZW+16, SDM21, TMLL14, TB17, TV12, Vac06, WWH+16, WSC09, XSC13, XCSM18, XML+18, YLT+23, YLN+17, ZFL15, ZWL09, ABDD+91, AT23, ARMMA18, AP18, BK14, BB12, BB15, BZA12, BOF17, CSV15, CPST15, DS18, FAA17a, FAA17b, GAIH00, GPW03, HM20, HTAY21, HLW+13, HB13, IRB19, JK13, JYW+13, JC18, JK17, KRCH14, KJM+07, LMV12, LYY+18, LIL12, MRG18, My09, NZH20,
NTH, PGLG12, PBAM17, RH17, RRBB17, SHR19a, SHR19b, SSEA18, THII+14, TK20, Tho73, WRZvdM11, WRS+15, Wu13, WWH+17, XWW+21, XH90, YWF09, vKF13. Dynamically [MZG14, SML18, BLRC94, BDT13, FC98, HH13]. dynamically-linked [FC98]. Dynamics [MB20, YWC15, ACT94]. dynamo [Hol05].


dynamic-intelligence [MPA+18]. edge/cloud [MA19]. Edition [KGG00, LYBB14]. Editorial [Sed07, WYZAD20]. Editors [FDFO05, KS08b].

EDSAC [CK96]. Education [ACM06d, GPM21, AJD09, DG05, GLA+08, HMS04, DTW07]. educational [WDSW01, YMY17].

Effectively [JKI17, PLMA18, KCV11]. Efficiency [BPP+17, JFPL16, KDB16, AT23, CFFF+r19, DHH20, FGG14, GKT17, GKK+19, IPRS21, KSSG16, MDZ+21, PVR14, QXH18, SEPV19, WTL+16, XNH21, ZLY18]. efficiency-aware [AT23]. Efficient [AMA18, ASMA21, BYZZ20, BWH+19, BHD19, BKH+06, C1L12, CW+14, CXZ+19, CGV10, CHP+17, DMR10, ECJ+16, EG01, GHS17, GKK19, HTW+19, HB13, JYM+23, JGSE13, KIL11, KL+20, LM96, LFH19, LZM+20, MAK18, MBBS13, NSL+06, ORP09, PP16, PWJ17, PDY+23, PCC+16, RSF+15, SSG+20, SVZ+14, SHZ+14, SB73, TLX17, WLW+15, WCC+16a, WXZ+17, WCC20, WHD+16, WJT+22, XWW+17, YX+18, YP15, ZDK+22, ZZG+23, ZLZ+20, ZLG+20, ZB20, ABB12, AAM+16, AMAB17, BHR05, BBD15, BRI10, BRS+22, BSH14, BDE+03, CP17a, Car14, CGM17, CFS+12, DQL15, DCP+12, DCA17, EGKP02, FM90, HMD20, HM18, HHH17, HKJ19, HLB20, IMK+13, JZL17, KMT14, Kha19, KK21, KMG+18, KR16, LLL+17, LWC+16, LYY+20, LFHS23, MR23, MHM19, NTH+17, NBS18, OMB+15, PEL11, PIM19a, uRQS20, RHR20, RT18, RZ14, RCTY19, SBI21, SENS16].

efficient [SJR+13, SSN12, SM23a, SGV12, SYMA17, SLA+16, SHT+11, VSMC23, WKJ15, WWH20, XXZ13, XLQL18, YPL17, YX+19, YWH+23, YL+10, XZ+16, ZDK+19, ZL13, ZLZ+18]. Efficiently [CWL+15, EJAS15, PHXL19, BKC+13]. EGO [FSFP19]. Eighth [IEE01].

Einführung [CK06a, CK06b, CK06e, CK06c, CK06d, CK06f].
CK06g, CK06f, CK06i, CK06h, CK06k, CK06l, CK06m, CK06n, CK06o, CK06p, CK06q, CK06r, CK06s. Einsatz [Zim05]. Einsatzmöglichkeiten [Sch13a]. Elaborate [WMUW19]. Elastic [AAMBE21, AD18b, KSO+15, PLMA18, BKR20, LPBB+18, NAR19, TSCB19]. Elasticity [GLS15, MMdE19, OSK15]. ElasticSearch [Ben21]. ElasticSFC [TSCB19]. electricity [LBZ+11]. Electronic [MSCK92, ZR06]. Electronics [GPM21, BB08]. Elektronische [Mar08]. Elementaires [Han73]. Elementary [Han73]. ELI [GAH+12]. elimination [VED07]. elliptic [AGIS94]. Elmau [IEE01]. em88110 [VdlFCC97]. embeddable [Web10]. Embedded [BH15, DPCL22, DEK+03, DS09a, GGM+16, GCL+21, JAD19, JYM+23, Kut92, Mon97, NKK+06, PPG+17, SMK02, SMP22, WIW+15, AH12, Caa00, CT03, CGV10, HK07, Ivec03, KKC+16, LTK17, MBB13, RJK16, RMB12, TMJ+21]. Embedded-System [Kut92]. Embedding [AM16, BI17, Che21, EMW16, FXL+23, OMB+15, PHXL19, PHC20, YLH17, AO16, BG20, BCC+15, CRB12, EMI13, HKB19, HH18, JK15, KKM+13, NTH+17, OKAM17, SS19, SZL+14, TK20, WHC16, WBW+19, WZZ+20]. Embeddings [RS20]. EMF [WIDP12]. Emphasis [Cre65]. EmuID [CJJ+22]. emulate [tTR82]. emulated [THC+14]. emulating [VdlFCC97]. Emulation [Ano03a, BKMM87, CLKEF21, JN15, KKTM17, Mal72, BB08, CW+14, CJJ+22, GD08, Kam13, YJZY12, Bro89]. emulations [Bod88]. Emulator [Ano14b, Bru07, CFH+79, CFH+80, CK87, FS11, MZG14, WCC16b, Bar06, KS13, Les74, She02]. Emulators [Ert03, HHC+16, Mal73, Ert05]. Enable [XD17, HPS23, TMJ+21]. Enabled [HTB22, LXZ+21, SB18, DMH18, HTB19, KS20a, SGV12, TUM18, VOS12]. enabler [DPW+09]. Enabling [HD16, HS21, KMK10, NOT+17, OVI+12, Spa19, TY14, WHD+16, ZSZ+23, LS804, ZBS+19]. encoding [BDE+03, SPAK18]. Encrypted [HB17]. Encrypting [Pro00]. Encryption [SXH+19]. End [Ram93, SS17]. end-users [SS17]. Endurance [AMA18]. Energy [ADA+19, AGC18, AAK18, BWD+15, CWL12, CP17a, DMR10, DQLW15, Do11, DCMW17, EGR15, FML+22, FLZ17, HTW+19, HKM+18b, IRB19, JJK+11, JFP+16, JYM+23, KC16, KSS+20, KB21, KSS+23, KDB16, KCS14, KL14, LMM18, LZC+16, LYY+18, LGJ+18, LYY+20, LWC22, LFHS23, MDZ+21, OBR16, PHC20, RK16, RH17, SBN18, SYMA17, SZL+14, TDD20, XLWX19, YLK+10, YRJ18, ZDK+22, ZWC+19, ZHL16, JAB13, AMAB17, ARMA18, BAC15, BB12, BB15, BRID10, BJ19, BRS+22, CD14, CFRS19, DP11, DHD20, DXM+17, FA17a, FAE17b, FBF+00, GLK+12, GTN+06, GKI+19, HM20, HM18, HLBB20, JWH+15, JFZL17, JC18, KMT14, KTB17, KR16, LJJZ15, MR23, DBPBK16, MDM19, NTH+17, NBS18, dOL12, PVR14, PTD+18, QXH18, RHR20, RP07, RT18, RCTY19, SB121, SEN16, SMS18, SH19a, SH19b, THG+18, VW08, WDT18, WH20]. energy [XNH21, ZK+20, YPLZ17, YW20, YWH+23, YLJ22, ZLZC18, ZYLY18, ZSRR22, RNA+22]. Energy-Aware
Fabric [ZL18a]. FACADE [GLV99]. FACILE [GMP89]. Facilitating [cCWS14, SWCM12]. Facilities [Gum83, GH91a, MN91]. Facility [McK04, MLA83, SM90, IBM72, IBM73, IBM76b, McC74, Obi78, SZ88]. Facility/370 [IBM72, IBM73, IBM76b, McC74, Obi78]. facto [Rus08].


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 [HUWH14]. film [SL00]. filtering [MG19]. FIMCE [ZD18]. final [Pul91]. find [Fab13]. finding [Bod88]. Fine [BSSS14, CHW12, CDD13, HSKL7, JCCZ13, PG11, RB17, YGLY21, YSS +17, KWZ +19, WJGA12, YTS14, YSM +21]. fine-grain [WJGA12].

Fine-Grained [BSSS14, CHW12, CDD13, HSKL7, RB17, YSS +17, JCCZ13, PG11, KWZ +19, YTS14, YSM +21]. Finite [SC17, GLW23]. Finite-Markov [SC17]. Firefly [KC16, SM23a]. Firefox [Joo06]. Firewall [TMV12, DS18, JES +15]. firmware [ABB +15, MSCK92]. First [ACM05d, IEE84b, LCWB +11, MNS +14, SMP22, ZR06, SS17, SH +03].

First-Class [LCBW +11, SS17]. Fit [WY +18, BY20, LWB13]. Fixed [Lam75, Bod88]. FL [PF23]. Flash [SYC14, Pat12]. Flash-based [SYC14].
null
[BYZZ20, BCZ19, DL89, KLLT18, MP16, NGRF19, TF16, WZL+23, DS19, FJKK17, HHSG18, HH19, KWZ+19, LRP+19, PJZ+19, PFNC20, QZDJ16, TSCB19, YCL+19, ZGL+17, CB19, BGM+18, TSN+23]. fundamental
[BCZ19].

funfte [Müh75].
funnel [LMV12]. Fusion [Kis08]. Future
[FLZ+20, GB19, Her06, IBBA20, KS08b, LCMV17, RG05, Sup05, Var91, ZXR+22, AH12, Baut05, NIA18, PTD+18, Ros14, Str13, Yur02, SJJP11].

Fuzzing [KLF+15]. Fuzzy
[AAR22, BY20, Hu90, LZ15, CFRSSR19, FA21, FLM+08, SENS16, ZB18].
Fuzzy-logic-based [BY20]. FWNs [SIJPP11].
GRACE [M'06]. Gradual [RSF'15, RAT'17]. grain [WJGA'12]. Grained [BSSS'14, CHW'12, CDD'13, HSK'17, RB'17, YSS'17, JCZZ'13, KWZ'19, PG'11, YTS'14, YSM'21].

grammar [FS'89]. Grande [ACM01b, DHPW'01, GPW'03].

Granode/ISCOPE [ACM01b]. Granularity [PXG'17, RRB'19, LLS'14, YGLY'21].

Graph [CFM'17, CRG'16, LKY'17, QBL'23, Syr'07, YTS'14]. graph-based [CRG'16].

graphic [Wal'76]. graphic-simulator [Ber'86].

graphic- simulator [Ber'86]. graphical [Bur'02]. Graphics [Ano'03b, JXL'12, VLZL'16, XML'18, ME'87, Sus'76].

Graphs [Lee'16, Bod'88, PULO'16]. Graph-based [CRG'16].

graphs [CFM'17, CRG'16, LKY'17, QBL'23, Syr'07, YTS'14]. Graph-based [CRG'16].

gray [WSVY'09]. gray-box [WSVY'09].

Greedy [NMG'15]. Green [KL'14, MZ'20, LLW'12, LJL'12, WZV'13, XA'22, YLHJ'14].


Grenoble [ACM05b, JPT'94]. Grid [ACM05b, CCMY'07, IEE'04, MFT'19, SEF'06, TLC'06, ZBS'01, vLSM'01, Rob'06, SJW'13, SGV'12, ZBP'05, AKK'07, CCO'05, KGZ'04, LP'14, WT'08, ZBP'07].

Grid-Based [vLSM'01]. GridGIS [M'06]. Grids [GPM'21, CCWY'05, MPA'18, GTN'16].

Group [Boa'90, Sof'83, YLN'17, CKP'78, KKK'18, ZLH'15].

Grouping [AAR'22].

growth [LDL'14]. GSX [Zim'05].

GTP [M'06]. Guarantee [LZ'15, CMG'19, MDZ'21]. Guaranteed [LWZ'18, ZWL'18, KB'21].

Guaranteeing [LZW'15, YWR'14, ZRS'16]. guarantees [MSG'01, ZHCB'15].

Guest [CCML'12, NOT'17, ABG'14, FL'13b, JXZ'10, LD'11, MSZ'09, XHCL'15, FDF'05, KS'08b].

Guest-Assisted [CCML'12].

guest-OS [FL'13b]. guest-transparent [JXZ'10]. guests [JK'17].

GUI [PW'03]. guidance [JSK'13]. Guide [Ame'13, BBD'91, Bas'04, Bas'06, Gal'09a, IBM'72, IBM'73, IBM'76a, Oak'14, OH'05, Int'88, IBM'88, Int'88, IBM'94, KSS'09, KS'10, MDD'08, MIS'05, RR'09, TC'10, War'02, Wes'98].

guided [HLW'13, SSH'17].

Guiltiness [PJZ'19]. GVirtuS [MGL'17]. gVMP [SM'23b].
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].
Healing [BH15, GK05]. Health [ZL16, ZL18b]. Healthcare [AAR22, KS20a]. Healthcare-Cloud [AAR22]. heap [CSV15, CH08, LLS+08, PNM+20, TLX17, WSAJ13].
Heavy [HS19]. hedging [RY10]. Helix [Ano96, BML+13, DQR+13, EMS15, FF96, Fu10, G+01, GTN+06, GGJ+92, GBCW00, HJK19, LBZ+11, LLE+17, LM99, LMG00, LDL+08, ML78, MUKX06, M+06, MRC+13, MMG+18, RQD+17, SB10, SPF+07, SPAK18, WXW15, WWH+17, XJW+18, ZYZ+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, ACM04b, AKA08, BF07, BPP+17, BCW20, CW03, DMS02, DYL+12, Han16, Hog02, IEE06b, IEE06a, IBBA20, KCWH14, KBK+21, KKM+17, KMM+13, KKS+19, LCK11, LMG01, LRP+19, LJZ12, LHAP06, MLG+02, RCM+12, RB01, SD01, SCSL12, SV13, SYC14, URJ18, Vog03, WQG15, WCC16b, YWCF15, ZLS+17, dGG+17, AAF+09, Ano96, BML+13, DQR+13, EMS15, FF96, Fu10, G+01, GTN+06, GGJ+92, GBCW00, HJK19, LBZ+11, LLE+17, LM99, LMG00, LDL+08, ML78, MUKX06, M+06, MRC+13, MMG+18, RQD+17, SB10, SPF+07, SPAK18, WXW15, WWH+17, XJW+18, ZYZ+18].
High-Throughput [BCW20]. Higher [BW03, MKM+08].
higher-assurance [MKM+08].
Higher [KD78, YYY+23, ZFL15, CARB10, CGM17, GI12, GVI13, TGF08].
hooks [AKCP21]. Hop [WBHN18]. Hopping [DL19b]. Hose [YLH17].
Host [CLW+14, NASD21, QNC07, HM20, LMJ07, TB14]. Host-Based
[CLW+14, NASD21, LMJ07]. Hosted
[SVL01, CBLFD12, CKT08, DS09b, SYZZ+14]. hosting [RQD+17, YMY17].
Hosts [BB13, Bau06c, CLL+13, TtLcC13]. Hot
[IEE96a, IEE97, IEE99, IEE01, BBTK+17]. Hotel [USE01a]. HotOS
[IEE01]. HotOS-VIII [IEE01]. Hotplug [LJL+15]. HotSpot
[ACM06d]. HP [BKMM87, MSCK92]. HPC
[M+06, GPS+18, HCJ07, JQGW15, PNT12, PCB+18, Spa19]. HPC-GTP
[M+06]. HPC.NET [Vog03]. HPCC [DF96]. HPCS'06 [IEE06a]. HPVM
[KS8+18]. HSPT [WLW+15]. HSSM [Wel02]. Huge
[Got07, KYP+17]. HVM
[LTK17]. HVMs [CBZ+16, HW [DCG12, Wu13]. HW/SW
[DCG12, Wu13]. Hybrid [GSW+17, HD16, HAK22, KCWH14, LSC+17,
PST+15a, RSNK17, VVC+17, WGLL13, FX06, KN18, KSS+20, KSS+23,
KS18a, LQW+12, RJK+17, STMV18, YWGH13, ZGW+06, Gua14].
Hybrid-Copy [LSC+17]. Hyper
[Gal09b, Lar09, LC09a, TzB19, WXW15, Apr09, Car06, KVV09, KSS09,
KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. Hyper-space [WXW15].
Hyper-V [Gal09b, Lar09, LC09a, Apr09, Car06, KVV09, KSS09, KS10,
Lar09, LC09b, LC09a, MG08, MG09, SRS09]. HyperBench [WZT19].
Hypercubes [HO92]. HyperMAMBO [dGG+17]. HyperMAMBO-X64
hyperthreading [BKR20]. Hypervisor
[BAL15, CL16a, HCWH16, JZY+22, JSHM15, JAS+15, KYP+17, LKL+19,
NASD21, NOT+17, PPG+17, SJV+05, SKYK16, WJ10, WHD+16, XD16,
XD17, YJZ+21, You73, AGB14, ASB18, BBD+10, Chi08, DN14, MSZ09,
NS17, RSLAGCBL16, Ste14, SL12, KSS09, KS10]. Hypervisor-as-a-Service
[WHD+16]. Hypervisor-Based [BAL15, LKL+19]. hypervisor-secure
[SL12]. Hypervisors [Rev11, SPF+07]. hypervolume [EB20]. HYVI
[Gua14].
G+06, G+05, Kam75, MIS+05, Mly09, Olb78, P+08, R+06, R+02, SZ88.
IBM/360 [Kam75]. ICE [Ano06a]. ICL [HP77, Kee77]. ICTree [FBZS12].
ID [SIJP11]. ID/Locator [SIJP11]. IDE [Ano03a]. idea [BBS06]. Ideal
[Ran20]. identification [BZc17, HLW+23]. Identifying [CJ17a, MD12].
Identity [SXH+19]. Identity-based [SXH+19]. Idiom [KKM+13]. Idle
[DEE+16, SBK15, HKJ19]. IEC [Int05a, Int05b, Int06b, Int06c, Int06a].
IEEE [ACM04b, ACM05c, ACM06a, IEE90a, IEE91, IEE02, IEE03, IEE04].
IEEE/ACM [ACM04b, IEE04]. Igniting [ACM03a]. II [Cre08a, TSR19].
IIoT [TDMP23]. IJCAI [MR91]. IJCAI-91 [MR91]. ILDJIIT [CARB10].
Illinois [ACM05d]. illuminating [BK14]. im [KGG00, Mar08, Zim05]. IMA
[XHCL15]. Image [AD11, CWH+16, ETAB22, EF94, HKM+18a, NSJ12,
ZCL+21, IM93, KMG+18, SBBP20, XZZ+16, XWX+17, ZXW16, ZFY18].
Image-Content-Aware [CWH+16]. Images [Li14, WWL+17b, ZTA+21,
BNS18, GKP+19, Isl19, XJWW15, XJR+17, ZMD+21]. iMeter [YZLQ14].
iMIG [LZL+15]. immutable [SV15]. Impact
[KK+19, LSSC22, Ros06, WKJ20, WZKP19, BT15, WKJ17]. impacts
[HH19, KWZ+19]. Impasse [APST05]. Imperative [LFBB94]. implement
[Sig89]. Implementation
[TrNW14, BBD+91, DAH+12, DJ77, DLS+01, Hal79, JR02, JJ02, KR94,
Mar73, MD12, MNN05, MN91, NSP16, Rev11, SGR92, SIR+17, SCD90,
SB73, Sur01, TVO92, TO96, TFLeC15, UOKT84, WLW+15, War80, YLWH14,
YCL+19, YW20, ZSXX07, ZL18b, AFT01, ANH00, BKR20, Blu02, BT15,
CKP78, DN14, DJ76, DCA04, IT86, JNR12, Lav10, Man18, MJ93, PNM+20,
Sch09, SJW+13, SGGB99, SGGB00, SJL20, Taf11, WW77, XCI+14, Leec16].
Implementations [AP22, HLP+16, SVB93, VV18, AEMWC+12, CSS+16].
Implementierung [Mar08]. Implementing
[CTS+93, D+04, LFBB94, Tai98]. Implications
[RM03, DLLN18, GTN+06, MT16, MT17, ZTA+21, DLL+16, Pat12, RVJ+01].
Important [SC18, CK06b]. Improve
[GKXK13, GKB15, KDB16, SAT09, YWGH13, YQZ14]. Improved
[BRS+22, War80, BTNLBF+15b, KS20a]. improvement [YLH14].
Improving [AWF05, BHEP14, BCG73b, CFG+13, CFRSSR19, HXZ+16,
HLW+13, IPR21, JKB15, KL13, LCT+15, LBL16, LIWM23, LQD+18,
OSK15, QXH18, RSC+15, RSLAGCLB16, SP83, TCP+17, WKJ15, WHSE15,
XNH21, BMF23, GV113, HC12, JYW+13, LC14, OL13, UTO13]. IMSA
[Ano99b]. in-depth [CBF15]. in-kernel [Uli07]. In-Memory [TF16].
in-situ [CRJ17]. In-VM [LWLL10]. in-VM-assisted [PDM20].
Inapproximability [RS20]. Incentive [XLWZ18]. Incentive-aware
[XLWZ18]. included [Ano97a]. including [B+07, CGW07, WG07].
Incorporating [GH91b]. Increasing [LWLL10]. Incremental [LXZ+21].
Independent [DPW01, DSO9a, KAHS3, 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
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, AO16, AMA+14, AA18, BDS+09,
Car14, Hal09, HS13, HH13, Hui18, J+05, KN18, KSRL10, KR16, LLY+18,
Low08, dOL12, YW20, MR04, PW03, RSF03, Fro13]. Infrastructure
[WTM18, ZB20, ACG18, CSMB15, FPGK18, LPBB+18, MPM+20]. Ingens
[KYP+17]. inherently [TDG+18]. injection [CP17b]. InkTag [HKD+13].
Innovation [ACM03a]. Innovations [ABB+15]. Input [ACL72, Wal76].
[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 [MZA14]. Instruments [BPB86]. integer
[YTY00]. integer-reference [YTY00]. Integrated
[BDF19, QLL+21, SP22, vCPWvT11, CWG00, HKJ19, YZLQ14]. Integrating
[JMSLM92, LTT92, LCL14, OBSR16]. Integration
[GMP89, VGF16, Ano13]. integrierten [Deu08]. Integrity
[CW03, DL19a, DM75, (Fo71, (Fo78, QT06, WJ10, CS76, JXZ+10, KBC21,
LXR519, XCHL15]. Intel [AJM+06, CMP+07, DLM+06, Don06, KBC21,
NSL+06, NKK+06, NBB+19, RSW+06, RI00, UNR+05, Uhl06, vSMK+20].
Intelligence [MR91, JNR12, MPA+18]. Intelligent
[GH91b, PF23, HTAY21, JYOB18, PTD+18]. intelligente [PO09]. IntelliJ
[Ano05a]. intensive [BPM+22, GKL+19, IKU15, JFZL17, dCJR16, KBKD22,
LFHQ19, QXH18, SZKY21, VVB13]. Inter [cCWS14, GGM+16, RLZ+16,
BML+13, CBZ+16, SWeCM12, SBP+17, SWL+23, VOS12].
Inter-Application [cCWS14, SWeCM12]. 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, SWeCM12]. Interactive
[Hir17, LD05, MLA18, SSC90, WLS+18, YYY+23, Ber86, HMS04, KKJL14].
Interconnect [RCM+12, SKJ+17]. interdependencies [LBF12]. Interface
[Cro93, SH04, Sun95a, Guz01, HP77, VL00]. Interfaces
[CLKEF21, Mac79, PST+15a, WML02]. Interfacing [MC93]. Interference
[LSW+23, NBH08, XLL+14, XLJ16, ZRD+15, ZLZ21a, HL13, gKEY13,
LFHS23, SS13, VVB13]. Interference-Aware [XLL+14, XLJ16, ZLZ21a].
Interferences [ZRYZ15]. InterLISP [IT79]. intermediate [GLV99].
internal [SI81]. internals [MKM+08]. International
[ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b, BW03,
IEE84b, IEE85, IEE93a, IEE96b, IEE02, IEE03, IEE04, IEE06b, IEE06a,
LCK11, MS91b, MR91, Ost94, SS05, Shr89, Tho93, TLC06, ACM06c,
JPT94, 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].
Internetwork [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f].
Internetworkkommunikation [CK06b, CK06d, CK06e, CK06g, CK06f].
Internetworkprogramme [CK06b].
Internet [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b,
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JPT94, M+06, HHK94]. Internet [Ano99b, CK06b, KGG00, ASL+20,
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Mon97, PTD+18, SXH+19, SDM21, WSX+19, Wid01].
Internetworkkommunikation [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f].
Internetworkprogramme [CK06b].
Internet [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b,
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Internetworkkommunikation [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f].
Internetworkprogramme [CK06b].
Internet [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b,
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JPT94, M+06, HHK94]. Internet [Ano99b, CK06b, KGG00, ASL+20,
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Mon97, PTD+18, SXH+19, SDM21, WSX+19, Wid01].
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, Ano07b, Ano97c, Ano97d, Ano03b, AFT01, ABC07, AC98, ANH00, BDF+98, BHDS09, BD01, BP01, BP03, Bri98, BZD17, Caa00, CW03, CT03, CH08, Cla97, Coh97, CDG97, Cra98, Cza00, Dalxx, Da97, DHPW01, DD20, DEK+03, DS09a, DBC+00, DCA04, DLS+01, EGD03, Eng99, EL98, Eu90, FFB+00, Fra98, FK03, G+01, GGG03, GCARPC+01, GWF03, GBCW00, HT98, Han05, HM01, HOKO14, HWB03, HB08, Ivo03, JR02, J102, Juo07, Ka97, KS13, LM99, LMG00, LB98, LV99, L97a, L97b, L99, LYxxa, LYxxb, LYBB13a, LYBB13b, LYBB14, LTK17, MSG01, MO98, Men03, MD97, MDxx, MLG+02, MB98, Mon97, MP01, NG13, OT97, Oak14, Oi05]. Java [Oi06, Oi08, PTHH14, PN92+20, PR07, PV06, Qia99, RVJ+01, RHR02, Ran02, R+13, Req03, RRB19, SMK02, SSB+14a, SD01, SE12, SH04, Sch13a, SSMGD10, Set13, SMSB11, SSB03, Shi03, SMO1, SUG12, SEPV19, Siv04, Sni97, SSB01, SSB14b, SHB+03, Sun95b, Sun95a, SUN97, JCV99, Sun99, STS+13, SM02, Sun01, Tale98, Tol98, TO96, UBF+98, UR15, Van98, Ven97a, Ven97b, Ven97c, Ven99a, Ven99b, VED06, VED07, VL00, WLF06, WGF11, Wak99, WH99, Wes98, Wol99, Won97, WWMG06, WZL+18, YC98a, YC98b, YME05, YKM17, Yel99, YTY00, ZP14, ZS01, vLSM01, Ano07a]. Java-based [Ano96, FF96, HOKO14, KS13, YC98b]. Java/CORBA [GCARPC+01]. JavaCard [BDJdS02]. JavaScript [AHK+15, CBLFD12, VP16]. JavaScriptCore [Piz17]. Java [LG01, MES01, CF00, RB01, vD00]. Javy [GGG03]. JCloudScale [ZLH15]. Jenga [TBS17]. JET [MLG+02]. JetBrains [Ano03a]. just [KGG00]. Jikes [AAB+05a]. Jini [JJ02]. JiST [BHvR05]. JIT [JK13, PFH+16, THL03, WKJ17]. JIT-based [PFH+16]. JIT-compiler [THL03]. JITs [KRCH14]. JN [Mon97]. JnJVM [TGCFO8]. Job [MNT14, PS19b, HJK19, PC21, RAP19]. jobs [KS18b]. jockey [Hin97]. John [IEEE06a]. Joint [CCT+17, FXY+21, MAK18, NTH+17, RJK+17, SJ21, WZV+13, XYL+20, ATZP21, LKR+19, SBNU18, SM23b]. Jointly [LWL16, XHW+19]. Jon [Ano97a]. Jose [Ano04b]. journaling [HC12]. JP2 [SSB+14a]. JPDA [Sun99]. JPF [BA19, WKG17]. JPR [WKG17]. jRapture [SCFP00]. JS [AHK+15]. judgment [CSV15]. July [IEEE06b, So03]. Jump [WBHN18]. June [ACM90, ACM01a, ACM01b, ACM05d, ACM06f, IEEE85, USE85, USE86, USE01a, USE06]. JVM [Ano00, Ano01a, Ano01b, USE01c, USE01d, USE02, AC16, CSS+16, DBC+00, Giv14, Kha19, R+13, RBB17, SSB+16, SYZZ+14, SV15, Sub08, Sub11, Ven99b, WKJ20, WKG17]. JVMPI [Sun95a]. JVMs [BK14].
K. [Sch94a]. Kailua [Shr89]. Kailua-Kona [Shr89]. Kaleidoscope [LFB94]. Kanazawa [HHK94]. Kanotix [CK06c, CK06h, CK06r, CK06a]. Karlsruhe [RM03]. KDE [KGG00]. Keeping [NP13]. Kernel [FL13a, HD16, JJ91, KZB+90, SM90, SYB12, TY14, WLMD16, DD20, LWM14, Uhl07, VMBM12, KM13a, KM13b].

Kernel-based [TY14, KM13a, KM13b]. Kernelized [WCC16b]. kernels [HPHS04, RMB02]. Key [LCMV17, TF16, DPW+09]. Key-Value [TF16]. Kinder [CK06q, CK06r, CK06s]. Kingdon [Vra05]. kit [Car06, LC09b]. knapsack [EYGS19]. knew [RAT17].


Kundenserversystemen [See08a]. KVM [Deu08, Hin08, DN14, GLC84, HWCH16, IYAK23, LZL+15]. KVM-based [HWCH16]. KVM/370 [GLC84]. KVM/ARM [DN14]. KylinX [ZZW+21]. L [Lot91]. lab [AL05, HMS04]. laboratories [DTW07]. Laboratory [GPM21, Kim84, SVN+10]. Labs [See08b]. lag [ZMD+11]. 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, Int06a, Kam83, Luc97, MR04, PW03, PFH+16, RSF03, SIR+17, SVB93, SUN97, WIDP12, WBHN18, Arv02, Ber86, BD01, BMER14, DH01, Don88, GLV99, Hog06, IT86, Juo07, KRCH14, Les74, MD12, MC93, PRB07, RJK16, RSW91, SKC73, SM084, Taf11, Ta98, WCG14, WWH+17]. Language-independent [PFH+16]. language-level [WCG14]. Language-Neutral [WBHN18]. Languages [BS90, Dan86, KP99, LFB94, PTHH14, SSG90, Tol98, YKM17, ACM99, BDT13, Jou85, ML78, MRG18, PMC05, PUL016, SSB+16, Sus76, TB14, Wel02, Wn13, YFW09].

LARD [WCG14]. Large [DK93, GKB15, PHL+12, RLP18, RGSJ17, SADP21, SLN01, XDL15, ZSXZ07, ZLW+14, ZTA+21, BLRC94, DK75, FPGK18, LPD+11, Niel2, Req03, STMV18, SZ13, SHTE11, WCG21, YZSC17].

Large-Scale [PHL+12, SLN01, XDL15, ZLW+14, ZTA+21, SZ13, WCG21, YZSC17]. last [Rob12]. Latency [ASSB18, BPP+17, BL17, MV16, RZPX19, IMK+13, MMTM22, ZSW+06]. latency-aware [MMTM22]. Later [FS12]. launch [AIMA19]. launch-time [AIMA19]. Layer [SKT+19, BTLNBF+15b, BTLNBF+15a, EBLM22, MA17, RSLAGCLB16, ZFY18]. layered [PSC+07]. layering [YFW09].
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, FFM+21, GPM21, HPS22, JYO18, KKE19, KSVR23, MSC+21, XRL+22, ZXR+22, AD18a, AJBJ23, BMF23, GH20, GKT17, KRG+12, NKK21, QBL+23, RGAT18, 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]. Lernprogrammen [CK06k, CK06m, CK06l, CK06n]. 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, BSD9, BSO+20, But94, Cla07, EGD03, FLCB10, IM75, JHE14, LZW+17, ML78, SVN+10, SwcM12, SSG90, WHSE15, WCG14, ZLZ13]. levels [CCMY07]. Leveraging [LLF+18, LDL+08, Pfo13, RTL+18, WHD+09, ZL13, AJD09, RAT17, ZBG+05]. Libraries [DK93, Int05b, DSS19, Won97]. Library [Cro93, SJS+17, KS20b, PBWH+12]. libvirt [Ano14c]. License [HO22]. Life [ZR06]. Lifetime [BFM+21, WJ10]. Light [WWL+17a, HB08]. Light-Weight [WWL+17a, HB08]. Lightweight [ABB19a]. Linux [KGG00, Ano06a, CK06a, CK06b, CK06g, CK06f, CK06i, CK06h, CK06j, CK06o, CK06p, G+06, Mar08, USE00a, WF03, ABB19a, Bau05, Bau06c, BBH08, Ble10, Bor01, CK06a, CK06b, Com00, Com03, DN14, Dav04, Fab13, G+06, GDNB16, MZG14, 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 [LKL+19]. Literature [BDL19, DCM22, ARA18, ARA20b, ARA20a, ZJR19]. LITT [Lam75]. little [Men03, YPA01]. Live [AGC18, BWH+19, CCZ+06, Deu08, DK17, ECJ+16, HKN22, HTB22, JFPL16, JDW+14, KKL16, LSC+17, LZL+15, LHL+11, LH15, L ZM+20, MZD+18, MK22, MSC+21, RJ1+18, SHW+15, SKI+17, TUM18, XLL+14, XD16, XD17, ZRS+16, ZDLG17, ZXY+15, AS14, BAC15, BB08, DS20, EYG21, FGL15, GJK+20, HLW+10, HTB19, HDG09, IMBB20, JK+13, JFZL17, JZW+11, JGSE13, LFH+19, NIA18, PKS+19, PDC+12, SS22, SSL+13, SLA+16, SHTE11, TDG+06, WLG+11, WRSvdM11, WRS+15, YW20, ZLLL13, Isl19].

Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


Load [ARAAA19, BFM+21, CL16a, DY17, KAZS14, KK19, LW12, LYS+18, YWR+14, Bir94, DS18, GH20, KNHH18, TF16, XH90, XTB17, YWH+23].


NBK16, NMG15, Nel04, NASD21, NLD+23, NSJ12, NL19, Ob78, PPTH72, PP73, PAC+22, PXG+17, Pfo13, PF23, PCC+16, PK75a, Pro00, Qia99, QT06, RNA+22, RG17, RLZ+16, Ren78, Rl00, RSN+18, RT93, Ros99, RG05, Ibs84b, SL14, San88, Sch94b, Sch94a, SSB03, SMA18, SCP93, SSG90, SHZ+14, SB73, SHB+03, SVL01, Sun95b, Sun95a, SUN97, JCV99, TT96, TMV12, TY14, USE01c, USE01d, USE02, VTV16, Ven97a, VL00, WL96, WIDP12, Wak99].

Machine [WH99, WDL+20, WBS1, WNW+17a, Wel94, WSCG05, WHE+09, WP97, WLC17, WJX15, XLJ16, XLWX19, YY+17, YP15, ZDK+22, ZLW+14, ZRS+16, ZL16, ZCG+17, ZL18b, ZLZ+19b, ZCL+21, ZFF06, ZWL+18, ZX+22, ZHL16, ZJXL11, ZTW17, Zyt94a, Zyt94b, dSdF16, AD18a, Abr82, AS85b, AD19, AGSS10, AJBJ23, AGH+15b, AGH+15a, AHRK22a, AHRK22b, AT23, ATZP21, AAB+00, AC95, Ame13, Ano94, Ano96, Ano99a, AO16, AFT01, ABC+07, Arm98, AWR05, Arv02, AP18, ANH00, AMA+11, BB20, BDF+03, BBTK+17, Beg12, BPC94, BMF23, BJ20, BCM90, BRS+22, Bir94, Blu02, BADM06, BFC02, BY20, Bri98, CARB10, CD14, Car14, CEG07, Cav93, CFVP12, CS76, CHCC07, CCL+20, CLL+23, CBLFD12, CK06a, CK06e, Clo85, Co99, CGV10, dCCDFdO15, CWG00, CD01, DH01, DSC+08, DP11, DM93, DBC+00].

Machine [WHH9, WHW20, WB81, WNL+17a, Wel94, WSCG05, WHE+09, WP97, WLC17, WJX15, XLJ16, XLWX19, YY+17, YP15, ZDK+22, ZLW+14, ZRS+16, ZL16, ZCG+17, ZL18b, ZLZ+19b, ZCL+21, ZFF06, ZWL+18, ZX+22, ZHL16, ZJXL11, ZTW17, Zyt94a, Zyt94b, dSdF16, AD18a, Abr82, AS85b, AD19, AGSS10, AJBJ23, AGH+15b, AGH+15a, AHRK22a, AHRK22b, AT23, ATZP21, AAB+00, AC95, Ame13, Ano94, Ano96, Ano99a, AO16, AFT01, ABC+07, Arm98, AWR05, Arv02, AP18, ANH00, AMA+11, BB20, BDF+03, BBTK+17, Beg12, BPC94, BMF23, BJ20, BCM90, BRS+22, Bir94, Blu02, BADM06, BFC02, BY20, Bri98, CARB10, CD14, Car14, CEG07, Cav93, CFVP12, CS76, CHCC07, CCL+20, CLL+23, CBLFD12, CK06a, CK06e, Clo85, Co99, CGV10, dCCDFdO15, CWG00, CD01, DH01, DSC+08, DP11, DM93, DBC+00].

Machine [DLH+20, Don87, DHD20, DJ76, DXM+17, DS22, EYG21, EGKP02, EG03, FLL+13, FS19, FM90, FA21, FSFP19, FMIF18, Fit14, FF96, FLM+08, FCG+05, Fre05, GGQ+13, GTGB14, GH20, GSKJ18, Gol74, GCARPC+01, GPW03, GR80, GBCW00, GLW23, GA18, HZL+18, HJ10, HKN22, HTB19, HUL06, HAK22, HK07, H-C14, HPHS04, HLBB20, HSC15, Hui18, HPS23, IBM85, IBM88, INT88, IBM94, IBM96, IBR19, IKU15, JKK+13, JNR12, JC18, JGW+11, JADAD06b, Kai97, KOY05, KBDK22, KB21, KS13, KS20a, KSO+15, KS18a, KTB17, KK21, gKEY13, KCS14, KJLY15, KCKC15, KKC+16, KMG+18, KFF12, KHA22, KSS+18, Kon11, KCV11, KRG+12, Lam75, LBZ+11, Les74, LC02, LM99, LZW+15, LIB16, LWL16, LYYY18, LIWW18, LFQH19, LXRS19, LZL+19, LZLY20, Lia05, LL14, LPZ+22, LWZC22, LCL+23a, LCL+23b, LPBB+18, Lot91, LG93, LFHS23, LQD+18, MG+12].

Machine [MR23, MD73, MD74, MSG01, DPBK16, MS17, Man18, MNA16, MS00, MC72, MC93, Mcm11, MRG+18, MN91, MST+05, MW18, MMH19, EYS19, MAK07, MJ93, NZH20, NKK21, NK22, NOK+85, NAR19, NIA18, OG16, Oi08, ORP509, PEL11, PFPJ18, PCB+18, PIZ+17, Poni9, Pui91, PS23, RKT20, RHR20, Raj79, RWC21, RZ14, Reo03, RK18, RFBL001, RY10, RJK+17, RCTY19, SZKY21, SB12, SBP20, SH19a, SHR19b, Sch13b, SSMGD10, SEM+20, SHL13, SM23a, She91, SCEG08, SASG13, SSEA18, SLO0, Sig99, SGGB99, SGGB00, SKC73, Smi97, SYMA17, SJL20, SMA+10, SPB+17, SSU+12, Str05, TSLBYF08, TMLL14, TDD20, Tay76, tTR82, THG+18, TIIN09, TB14, TT93, Tur84, Vag10, Van98, Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VVB13, VGL23, WGF11, WKT08, WRX11, WZV+13, WKJ15, WC+17, WSX+19].

Machine [Web10, WHW20, WLL+13, WYY+17, Won97, XHL+13, XCJ+14, XJWW15, XZZ+16, XLWX19, XZ+20, XXWG23, YME05, YZW+13, YLH14, YLHJ14,
YPLZ17, YLCH17, YW20, YBZ+15, YYC+19, YWH+23, YLK+10, Ye99, YSM+21, YC16, YRJ18, YGN+06, YQZ14, YQZ19, YTY00, ZG13, ZXW16, ZYZ+18, ZLZ15, ZLH+15, ZHHC17, ZFY18, ZWC+19, ZLZ+19a, ZBP07, ZLW+19a, ZFL+23, ZLL+16, ZL13, ZLLL13, ZWH+17, ZLCZ18, ZLY18, ZWC+14, dSOK17, AEM+14, AAB+05a, Ano97b, Ano97c, Ano97d, AC98, BD01, BP01, BP03, BZD17, Caa00, CCWY05, CK87, Cla97, Cohn97, CDG97, Cra98, Cza00, DD20, DCA04, DLS+01, Eng99, FFB+00, Fra98, FK03, FG91, GKP+19, GGG03, HT98, HM01, HLW+23, HWW03, HB08, IVE03, JR02, JDJ+06, Jjo07, KM13a, KM13b, LMG00, LMG01, LB98, LV99, LY97a, LY99, LYBB13a, LYBB13b, LTK17, Men03, MB98, Mon97, MP01. Machine [OT97, Oi05, Oi06, PTHH14, PNM+20, PRB07, Ran02, RRB19, RB01, SMK02, SSB+14a, SH04, Sch13a, SMES01, Set13, SMSB11, Shi03, SG12, Sim92, Siv04, SM02, Sor11, Tu98, THB22, To98, TO96, TR88, UR15, Ven99a, Wel02, Wel09, WWMG06, vD00, Ano97a].

Machine-Based [LW11, WB81, CGV10, WKT08, YZW+13]. Machines [Ano75, ASSB18, Att73, AH68, BMS16, BP99, BDJ_02, BSSS14, BWH+19, Bee05, BB13, BP673, BRX13, BG73b, BCG73a, CL17a, CWL12, CCML12, CWS12, CGMD19, CSS+13, CL16a, CCO+05, CH78, CHLY18, CDN02, DSM14, DEK+03, Den01, DK17, DMR10, DKW15, Do11, EGR15, EGJS15, ECI+16, Ert03, EDS+15, Gal71, Gal73, G01, GTS+15, Gol71a, Gol73b, Gum83, Han73, HKLM17, HTB22, HB17, Ho09, HS06, HPP15, Ian14, JE12, Jen79, JXL+12, JAS+10, JKJ+10, KCWH14, KJL11, KP15, KPHA20, KA18, Kov19, LMR18, LZZ+15, LYYY17, LLWM23, LD05, LW+23, LHAP06, LW12, LLL+15, LLZ18, Mac79, Mal73, Man15a, MD12, MGL+17, MM94, Par71, Par72, PSBG11a, PS16, Run20, Rev11, Ros04, SD01, SCSL12, SV13, SN05a, SN05b, Sta97, SKI+17, Sup04, TTH+19, TV12, U87, V03, WLL+15, WGLL13, WZL+15, WZL16]. Machines [Win71, XSC13, XLL+14, XLL+20, ZRD+15, vLSM01, Agr99, ABB19a, AAH+03, ADA+19, AGH+16, ATS16, AAM+16, AMAB17, AS14, BC15, Bac11, Bag76, BML+13, BDF+98, BHvR05, Bel06, BB12, BB15, BJ22, BPM+22, BBM09, BBS06, BB95, CL17b, CG17, CSSE21, CCL+17, CH08, Cra05, Cra06, CWd0+06, CLL+13, DDS+94, DC15, DEG+17, DLQLW15, DSZ11, DMW17, EB20, EGD03, EM06, Era05, EL98, EMS15, FBZ12, Fit14, FHL+96, FGL15, FX06, Fu10, GH12, GVI13, GJK+20, Gol73a, GKI+19, GLV+10, HLS09, HM18, HMH17, HZ1+14, Hin97, HDQ99, Hol95, IMBB20, JES+15, JWH+15, JDW+14, JGSE13, JYOB18, KDK20, KSSG16, KRC14, KB11, KBC21, KR16, LJM07, LZZ+16, LWF+18, LLL12, LQW+12, LF19, LC13, LTZ+14, LS04, Man15b, Mat09, MK19, MG13, MRG17, MMTM22, hTMAC+08, MP+20, NK10, NOR15, PKS+19, PFH+16, PSBG11b]. machines [PMC05, PDM20, PBYH+08, PRS16, PV08, uRQS20, RK16, RH17, RHR02, RG19, R18, SJ14, SS13, SENS16, SNV10, Sch09, SSN12, SJJ+12, SJW+13, SWH+13, SLC20, SS22, SSL+13, SPAK18, Ste14, Str13, SK13c, S1A+16, SHTE11, Syr07, T0K17, TGCF08, TMMV12, TDG+06, TtLeC13, VT14, VED07, WVT13, WQG15, WX+17, WDT18, WCS06.
[XYD']18. **MO** [ACM97]. **Mobile** [CPKL17, CPS17, CWH'16, LH16, LGXC23, LYS'18, MV16, RSN'18, SGB'16, SML'18, USE93, WVT'17, WCC'20, XZL'20, ZLW'19b, BD11, BBD'10, CM18, FC98, HILW'10, IIK'06, ISE08, LLLE17, LFHS23, SASG13, WHSE15, ZLZ'19a]. **mobility** [FXZ'06, SPB'17, ZLZ'19a]. **mobility-induced** [ZLZ'19a]. **Mode** [Dav04, CWH'14, Cof99, YLJ22]. **MODEF** [SMO84]. **Model** [Bar73, BRX13, CHW12, DL19b, GGK18, HKM'18b, IBM76a, KKTM17, KF91, KCY22, KAZS14, LOWN17, MTTFK19, MV16, MP01, Nel04, NSJ12, WLCS17, XDL15, YLH17, ZDLG17, AIIJ23, Bar78, BMF23, BCM90, Bir94, CKP'93, EYG21, Fre05, JFZL17, NNK21, RHR20, Req03, SS13, TMJ'21, W075, YZLQ14, ZP14, ZBG'05, ZGL'17]. **Model-Driven** [NSJ12]. **Model-Free** [BRX13, AJBJ23]. **Modeling** [ACM81, CH78, GLL'21, IN87, KRG'12, LDL14, PFNC20, SHB19, TIIN09, WDL'20, WLS'18, WZZ'20, XWH'16, BPM'22, BB95, gKEY13, SK13c, TLX17, YZSC17]. **Modelling** [DPB16]. **Models** [DSM14, HBL'10, HWB03, KKE19, Man15a, RSW'06, SL16, ADG'92, BKR20, CPM'18, CBFH20, HCJ07, Lia05, RO16, SL16, TUM18, ADG'92, BKR20, CPM'18, CBFH20, HCJ07, Lia05, RO16, VBB'13, WDT18, Ble89]. **Modem** [Ano03a]. **Modern** [BDG18, EG01, FKZ17, GG11, KKS'19, FIF'15, KB17, ZDK'19]. **Modification** [Aln22]. **modified** [FS19]. **Modular** [AvMT11, ADWM18, DCA04, HWB03, KKE19, Man15a, RSW'06, SL16, ADG'92, BKR20, CPM'18, CBFH20, HCJ07, Lia05, RO16, VBB'13, WDT18, Ble89]. **Monena** [ACM81, CH78, GLX'18, GGQ'13, GKP'19, GH20, HZL'18, JHE14, KMT14, LC14, LYXY18, LLZ'19, LCL'23a, LCL'23b, MPM'20, RK18, RPE12, STMV18, SE12, SWH'13, SS19, SM23b, SIK'16, SWW'18, SOK'23, WDL'08, XZ11, XJW'18, YKS16, YTS14, ZMD'21, ZNSL14, ZLL'16, JDJ'06, NMS'14]. **Multi-Access** [Fie68, HCB18]. **Multi-Agent** [PXG'17, ABV12, DHD20]. **multi-attribute** [SS19]. **Multi-Capacity** [BB17, HMM17]. **Multi-Channel**
near-threshold [TDG+18]. Neat [BB15]. need [BGS13, GLK+12, WCS09]. needs [BKT+19, STF+15]. Negotiation [ABV12]. Nested [HBL+10, GHS16, KS20b, RQD+17]. nested-virtualization [RQD+17]. Net [MBK+92, Tur92]. NetAdvantage [Ano03b]. NetKernel [NSC+22]. NetLCR [Joo06]. nets [NMC18a, NMC18b]. Netstumbler [Joo06]. NetWare [WF03]. Network [ACM98, RM03, AFG+17, AP22, AVNR19, ASL+20, Ahn22, Ano10, AO16, ACA16, BYZZ20, BLMP22, BRIdM10, BL17, BHEP14, CFM17, CB12, CPS17, CFL19, Che21, CKT08, 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, KKT17, Ken80, KLR+20, KASON14, KLLT18, LXL+22, LLW+16, LH+20, LCZ+19, LDRS18, LCFL12, MLXG19, MDZ+21, MAK18, MP16, MCZ06, Mon97, MR06, NLD+23, NSC+22, Nout92, PHL+12, Pap20, PHXL19, PCR89, PST+15a, PHC20, Rix08, RS20, RKKR17, SADP21, SN23, SK+19, SSOT17, TSN+23, UVL+13, VV18, WB81, WZL+23, XWH+16, XWW+21, XD16, XD17, YYZ+21, YYY+23, YWH+21, ZWFX17, ZZG+23, ZHHC17, ZSP+21, ZLZ21a, ZWH+17, ZKWH17, ACM06c, AM16, AMIA19, ALW15, BG20, BCC+15, BCM90, BL90]. network [BH13, BBS06, CBZ+16, CB10, CRB12, Cre10a, DS19, DS18, DYL+12, FCD09, FZZ+13, FZS+20, FJKK17, FK13, FSH+13, GLQ+13, GLLL16, HH18, HH19, HS13, HBP06, IM93, JAC+19, JK15, KBDK22, KSO+15, KK21, KKK+18, KKWZ+19, LYY+17, LLZ+19, LRP+19, LMD+19, LQD+18, DPBK16, MK22, MSZ09, MHS21, NTH+17, OKAM17, OK90, PI+19, PFNC20, PST15b, PBL+16, QBL+23, RK16, RWCB1, SHB19, SOK12, SZL+14, SWL+23, TSR19, TK20, TSCB19, Tur84, UBL+82, VOS12, WWS89, WHC16, WCC16c, WBW+19, WZC19, WYZAD20, XHW+19, YCL+19, YLTF20, YXL+20, ZLZ+19, ZJRW19, ZGL+17, BCZ19, CEP22, HTAY21, MRCJ19, TF16, YWL+18]. Network-Aware [CTP+17, AO16, IUK15, ZHHC17, KK21, LQD+18]. network-based [LYYY17]. Network-hosted [JAC+19]. Network-I [RM03]. Network-I/O [RM03]. networked [CT03, HKN22, NSB18, SBN90, SGS90]. Networking [ACM04b, CPKL17, IEE06b, LCK11, MLA83, Pap20, SN23, SS05, SB18, XWJX15, ZKWH17, BTMS10, Bor07, BH13, GD08, Ker15, MC19, M+06, Zho10]. Networks [BSI+15, CPKL17, CGC16, CFL19, EVCL21, FXHY21, FML+22, Hal79, HHK94, JN15, KKLV16, LLW+16, LXZ+21, LCMV17, MP16, MBWW86, MSC+21, NGRF19, QLL+21, SJLP11, TVQ02, VVC+17, XZL+20, XRL+22, ZDS+22, ALW15, Alf91, AAC+17, BTLNBF+15a, CL15, CM18, DS19, FLS+20, GCARP+01, GLQ+13, GHM+18, HHSG18, KCV11, LC02, LWL+15, LWL16, MG19, Mon22, MAK07, NRS92, OMB+15, RS16, THH+14, TK20, T091, WZV+13, WT91, XWW+21, XYYY17, XJW+18, YKS16, YPLZ17, YLTF20, YMY+16, AAJD+16]. Netzwerk [KGG00]. Netzwerke [WF03]. Netzwerkconfiguration [WF03]. Neumann [FS11, FS12, Sig89]. Neural [EVCL21, JAC+19, MBK+92, TV092, Tur92,
WWS89, ZDS+22, Alf91, BCM90, BL90, IM93, KCV11, MK22, OK90, RK16, RWC21, TO91, WT91, WC91, HLW+23. Neural-FEBI [HLW+23].
Neurocomputer [GBF+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]. Niklaus [BGP00]. Nimble [ZCJ+21]. Ninth [USE00b]. NoC [FRD+08]. NoCs [FD08]. Nodal [Che21].
Non-cache-coherent [ZP14]. Non-clairvoyant [KS18b]. Non-Control [Aln22]. non-dedicated [KOY05]. non-deterministic [KM93a, KM93b].
Notebook [IBM94]. Novel [ARAAA19, ATS16, BMJ+22, JZY+22, LSC+17, NK10, PKS+19, XCSM18, ZWFX17, CBZ+16, LXRS19, LJYZ15, SDN09, ZLCZ18].
Novell [WF03]. November [ACM75, ACM89, ACM96, ACM03a, ACM04b, ACM05b, ACM05c, IEE90b, IEE92, IEE93b, IEE02, IEE04, LCK11, USE91, ACM97].
NSGA [TSR19]. NSX [PPS+18]. Nu [DNR06]. null [AT16]. NUMA [BMS16, GTS+15, KP15, LL14, LXM+16, SJA+17, SKJ+17].
STMV18, SL14, SM23b, SCL+19, TSR19, ZLL+16]. Objectives
[AP22, ML78]. Objects [Qia99, ABB+19b, SK13a]. Observation
[NBH08, SCFP00]. observation-based [SCFP00]. Observations
[LHW+20]. occupied [SZ13]. OCTET [BKC+13]. October
[ACM03b, Ano99b, Ano06a, Boa90, IEE03, Tho93, USE00a, Vra05]. off
[CGV10]. off-board [CGV10]. Offensive [BDJdS02]. Offers
[Ano03a, Got07]. office [BRIdM10, Ano03b]. Offline [TRG13, SHLJ13].

Offloading [CL16a, GKXX13]. offs [SidLB15, XZK+20]. OGSA [AKK+07].
OGSA-DAI [AKK+07]. Oktober [Müh75]. Old [Got07]. Older [SHB+03].
Older-first [SHB+03]. Oeleco [Joo06]. On-Chip [GGM+16]. On-Demand
[SPF+07, ZZF06, DEG+17, JCZZ13]. on-Device [XYD+18]. On-Stack
[WBHN18, LH13]. On-the-fly [URJ18]. One
[Bai70, Cre09, HPHV17, NKL+18, JK15, Ste14]. one-shot [JK15]. Ongoing
[Car23]. Online [BPM+21, FL13a, GR15, HKLM17, HH18, HKKW13, JKL+18, Joo06, KTB17, LW20, MSC+21, NG13, RG17, SZW+16, SIK+16, SXCL14, SCL+19, XWW+21, ZHW+17, ZLZ21a, ZWC+14, BB12, KS18b, LSS04, MPM+20, NK10, THB22, ZXW16]. Online-Handbuch [Joo06].
Ontario [ACM06f, So83]. onto [AO16, Bak83, BS90, PS16]. Open
[AFF+17, AP22, LLWM23, SJY+05, ARA20b, ARA20a, AGH+15a, AAB+05a, FP14, TSP17]. Open-Source [LLWM23, SJY+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]. OpenQRM
[Kar07]. OpenStack [AMA19, BB15, BLMP22, HKJ19, YW20]. OpenSUSE
[CK06g, CK06f, CK06a, CK06p]. Operand [MSI18]. Operating
[ACM75, ACM03b, BPP+17, BH73, BYBYT16, CD12, Das91, HXZ+16, IEE01, J+05, Mar73, MNN05, MKKE12, MM94, RT93, SLM98, THB06, Vra05, ACT94, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CK06a, CK06b, CK06e, CP78, Com09, CLDA07, Dav04, Don87, Fli77, HKD+13, KSLA08, Kou11, KS20b, MW18, MDFS72, NV05, Ros06, SPF+07, SS72, TT93, Vac06, Van06, WR07, WWT89, WHSE15, YK13, YLJ22, Mat10].

Operation [ZR06]. Operational
[Dan12, LCMV17, Siv04, BG20, NMC18b, NMC18a]. Operations
[OLZ16, MPF+06]. operator [GHM+18]. Opportunistic
[GJK+20, KMK16, OMB+15]. Opportunities [JAC+19, CBF20]. Optimal
[BP99, BB12, DS19, DEG+17, HM18, HJJ18, LYL21, XYYY17, XRL+22, ZB18, GSKKJ18, HAK22, KB21, WHC16]. optimale [Sch13a]. Optimisation
[SCL+19, YWGH13, GKP+19, PTD+18]. optimise [DHD20]. Optimised
[HKM+18a]. Optimises [War80]. Optimistic [Pou19, WGF11].

Optimization
[AGC18, CPS17, CWH+16, DKW15, GLBJ18, HO22, KC16, LW11, LKIL19, LGZ+19, Man15a, MJW+14, NIA18, PAC+22, PS23, RRB19, SM06, SS22, SHZ+14, SKT+19, VG20, WDL+20, WK90, YMK17, YWF09, AT23, BRS+22, CLL+23, EB20, GCARP+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, ZLL+16, ZLY18, Optimization-Based [SHZ+14]. Optimization
[HB12, JZY+22, NBK16, PDY+23, RLZ+16, CPST15, NG13, PGLG12]. Optimize [OLZ16, LDL+08, RAT17]. Optimized
[CGC16, MZD+18, DS20, HZL+18, KCV11, LWL16, RGS+20, TMMVL12]. Optimizing
[CEG07, dCCDFdO15, EG03, GKT17, 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]. orbiting
[BRS18]. Orchestration [ZB20, ZXR+22, BSNB20]. Order [BW03, BFC02]. Ordering
[BW03, BFC02]. ORE [OMB+15]. Oregon [IEE93b, USE85]. O'Reilly [Ano97a]. Organization
[BPC94, Kam83, RSGG15, Juo07, Skr01, Tho73]. Organizational
[PXG+17, GAHL00]. organizer [MS00, SMES01]. organizing [OK90]. Orient
[IT86]. Oriented [BBB+91, BWD+15, BS90, CAF+91, DY17, ECT18, HW12, LVM16, LYGG20, MP16, PYGG21, RSGG15, SYB12, USE99, USE01b, YLT+23, ZL18a, Beg12, BPB86, Fro13, GSN93, IIC+06, IT86, PTTH14, PMC05, PPO14, San88, WML02]. Origin [Com82, Den01]. Original
[BDR+12]. Orthogonal
[PNM+20]. Orthogonally
[LMG01, LMG00]. OS-Level
[cCWS14, KHW+16, SwcCM12]. OS/2
[Bri98]. OS/390
[DBC+00]. OS6
[SS72]. OSCAR
[VS06]. OSS
[Blc10]. Other
[Den01, Mac79, KS13, Mat10]. OtOt
[DKF94]. Ottawa
[ACM06f]. Out-of-Band
[ZSXZ07, PBYH+08]. Out-of-order
[BFC02]. Out-of-Process
[RB01]. out-of-the-box
[XHCL15]. Out-of-VM
[ZFL15]. Outage
[Che21]. Outline
[Keef77]. Output
[ACL72]. Outsourced
[YDW18, CMP+13, QZDJ16]. outsourcing
[SASG13]. Over-Provisioning
[SC18]. overbooked
[LPBB+18]. Overcoming
[APST05]. Overcommitment
[GKBB15]. Overcommitted
[CWS12, WSC06, ZHHC17]. overhead
[BJ20, BJ22, LPD+11, LBL16, ZHCBI5, ZLZ+19a]. overheads
[MST+05]. Overlapped
[LZM+20]. overload
[AHRH22a, LYYY18]. Overloaded
[BB13]. Overshadow
[CGL+08a, CGL+08b, CGL+08c]. Oversubscription
[YLT+23]. Overview
[Lau87, MLG+02, ALW15, BB08, MNA16, NK22]. oVirt
[Ano14d]. OVM
[BFC02].
Page-Aware [CWL+15, CHLY18]. Page-level [LZW+17].
Page-sharing-based [LLZ+15, CHLY18]. Pages [GBK15, Ano97a, JDW+14].
Paging [BGM70, GHS17, HBL+10, GHS16, TKG89]. Pagoda [YSS+17].
Pallor [RHV17]. Palm [MS00, SMES01]. Polo [ACM01b]. Pandemic [Cap21].
Panel [G+01, UBF+98, BDF+98]. Papers [DC15, KM13b, ACM90, G+88].
Parallax [hTMAC+08]. Parallel [ACM06b, Arm78, BP99, BS90, EGR15, Fis01, HD16, HHK94, IEE93a, IM93, JFPL16, JN15, KNT02, Loy92, LCFL12, MM92, MM93, MRG17, MM94, NOT+17, PAC+22, PY93, SSN94, TVO92, WCC16b, Wat86, Wat87, Wel94, YP15, ZRZY15, ZW20, AS14, AGIS94, BPC94, Bir94, BL90, BFC02, BB95, CARB10, Cav93, CDM+10, dCCDF+15, CRG16, CKP+93, DFK94, DSD+94, DM03, EF94, FM90, GSN03, HTAY21, Hol95, JGA+88, KJLY15, KSS+18, Kra90, Les74, LG93, McK11, MRG18, MN91, NOR15, NG13, Pou90, RH17, RSW91, She91, SL00, Taf11, WK08, YC98b, YYC+19, Ble89, JTP94, YC98a].
Parallelism [BYZZ20, HC18, YTS14]. Parallelization [LYL21, vKF13].
Pareto [DS20, EB20]. PAROS [MM94]. PARS [CWL+15]. Parser [UOKT84]. parsing [Kha19].
 Particle [Cre09, HO92, NSC+22, RGSJ17, Sch94b, Sch94a, Cre08a, SS72, Zyt94a, Zyt94b]. Part-of-Memory [RG3J17]. Partial [BWD+15, FTNY69, KLY20, LY21, ZLL+20, WGF11, WWH+17].
partiality [Dan12]. partially [HH13]. particle [AT23]. Partition [Int06c, LLS+08]. Partitioned [Van06].
Pass-Through [PYD22, XHD+18, PDC+12, YLWH14, MLA83]. passé [BC10]. Passing [Fra98, GGM+16, DM93, TO91, UR15, XH90]. Passthrough [XD16, XD17].
Password [CD12]. Past [Sup04, Var91, BJJ19, BS96, JKDC05]. PASTE’01 [ACM01a]. patches [Ano07]. patching [PM19a]. Path [GR20, AM16].
PATHWORKS [Nou92]. Pattern [CFM17, HPP15, YGW18, ZDLG17, OK90]. Pattern-Aware [HPP15].
Patterns [Aln22, CL17a, ESY+17, PMC05]. Paving [FLZ+20]. Paxos [HMS17]. PBS [ZLL+20]. PC [ACM04a, GBO87, Mon97, Voe86]. PCI [YLW114]. PCs [Ros99]. PCVM.ARIMA [CSSE21]. PDB [HHH04].
PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].

performanceability [EBJ17]. Performance
[ACM98, ACM04b, Ao03b, AD11, Bad82, BPM+22, BL90, Cal75, CFH+79, CFH+80, CGS06, CHW12, DLLN18, De 06, DSZ11, EDS+15, GE85, Gua14, GKB15, HSK17, HTB19, Hor73, HB12, IEE96b, IEE06a, IN87, IBBA20, JR02, JK13, dCJR16, KCWH14, KS08a, KS20a, KMM13, KP15, KKS+19, KD78, LZ15, LGJZ16, LCK11, LMR18, LMG01, LCT+15, LXW+23, Lhap06, LTZ+14, MJW+14, MT16, MT17, MLG+02, MBK+92, NBB+19, NMS+14, Oak14, OBSR16, PZW+07, Pat12, PDY+23, PNT12, Ra79, RCM+12, RP07, SHW+15, SD01, SCSL12, SDD+16, SL20, SJA+17, SM92, SP22, SM02, TSN+23, THC+14, URJ18, UT87, VP16, VOG03, WDL+20, WKT08, WCC16b, WTL+17b, WZL+23, XLJ16, YC98a, You73, YWCF15, ZLSI17, ZRZY15, ZWL+18, ZTA+21, ZJXL11, dGg+17, AKK+07, AHH+03, AGH+16, Ano96, AWR05, ASB18, BML+13, BB12, BJG19, BJ22, BBM09].

performance
[BMER14, CBGM12, CBZ+16, CCW+20, CMP+07, DQR+13, DLL+16, Dssp06, DLH+20, DYL+12, Ems15, Fit14, FF96, GP13, G+01, GVI13, G+05, Gah+12, HKJ19, Han16, Hsg18, Hg02, HC12, Hl13, KBK+21, KKJL14, KL13, Kou11, KCV11, Lbe+11, Lle17, LM99, LMG00, LL14, LqD+18, Mcc18, Ma10, Mst+05, Muxx06, M+06, Mmg+18, MW05, NB11, Ol13, Pjz+19, Pvo8, Qxz18, Rhr02, Rap19, RqD+17, Rix08, Rgs+20, Rcy19, Sens16, Se12, Sbn18, Sp83, Sepv19, Sb10, Spf+07, Syc14, Spak18, Tiin19, Wvo8, Wtl+16, Wwh+17, Xjl+20, Yc98b, Yzlq14, Yqz14, Yqz19, Zsr+05, Zsw+06, Zfl+23, Zlc18].

performance-aware [Zfl+23]. Performance-Based [CHW12].

Performance-directed [Rpo7]. Performance-Guaranteed [Zwl+18].

performance-optimized [Rgs+20]. performance-to-power [Dlh+20, Rcy19]. performing [Bbo8, Gbcw00]. performs [Ven97d].

period [B+07]. Periodic [Ld05]. periodical [Yqz14]. Periods [Rb17].

peripheral [Vwt13]. Peripherals [Bgb4]. Persistence [Scd90, Pnm+20].

Persistent [Gh91b, Low88, Sme01, Sxh+19, Zcl+21, Lm99, Lmg00, Ms00, Pnm+20, Lmg01].

Personal [Hir92, Lbp+07]. Perspective
[Flz17, Han16, Lc+19, Rsgg15, Smp22, Fp14, Ldtt12, Paky16, Wal10].

perspectives [Ma10]. Pervasive [HHh04, Btlncf+15b, Hh05].


PEVM [Lmg00, Lmg11].

Phantasy [RzpX19]. phase [Jk13, Szky21, Tf16, Zl13]. phases [Rhr02].

Phi [Ggk19]. Philosophy [Com65]. Phoenix [AcM03a]. Phosphor
[Dca17]. Piccolo [Chpy17]. PicoJava [Mo98, To96, Ot97]. PicoJava-I
[Dh01]. Pittsburgh [AcM96, AcM04b, Iee04]. PL [Skc73]. PL/EXUS
[Skc73]. Place [Use01a, Fab13]. Placement
[Aaf21, Aar22, Byzz20, Bmj+22, Cgc16, Glb18, JqWg15, Kp15,

[DPWP01, DMG+15, Fra09, GWZ16, GPW03, HCB18, JXL+12, JF02, MCE+02, PPS+18, SML18, Sun99, TCP+17, VGF16, WL96, Wal99, WBHN18, ZSP+21, AMB+17, BBD+10, CSMB15, DCA+17, Fra06, MW18, PW03, WQG15, WLC+16a, WLF+11, XZ11, YMY17, Ros99].

platform-independent [PW03]. Platforms [AMA18, ASMA21, Ano06a, BDG18, GLS15, SN05b, Uhl06, YP15, BSL+18, BSD19, DPW+09, GLK+12, MRM06, MBBS13, NV05, SWH+13, SBP+17]. Player [Joo06, Zim06]. Plex86 [Law00]. Pliant [KDB16]. Pliant-based [KDB16]. plotter [MSCK92]. plug [Kag09]. plug-in [Kag09]. Plural


[HWB03, lsb84a, SMK02, lsb84b, FCG+05, HK07, LTK17, AEMWC+12]. Porting [Caa00, J91, Ke06, MB98, Shi03, vdK09]. Portland [IEE93b, USE85]. position [Hin97]. postion [USE01c]. Post

[AGJS16, HDG09]. Post-Copy [AGJS16, HDG09]. Postroom [Osb01]. Potential

[CLKEF21, FRD+08, G07, JK13]. Pour [Han73]. Power

[AAM+16, CLL+23, DSM14, GPM21, HSK17, KBB11, KL14, LZ15, LGJ16, LLE17, MAK18, MV16, MJW+06, PLZ20, RSNK17, RSN+18, SSN12, SDD+16, Sta07, WW+13, XDL15, ZWL+18, CBGM12, CMP+07, DLH+20, EB17, FLL+13, HH18, HH19, IMK+13, JKK+13, JNR12, KK21, N507, RHZ+17, RCTY19, TGD+18, TUM18, TH+14, WRS13, XHL+13, YZLQ14, YLHJ14, YLCH17, YW20, A+04, B+05, C+05, MBBS13]. Power-Aware

[SDD+16, ZWL+18, KBB11, JNR12, RHZ+17]. power-capping [JKK+13]. Power-efficient [AAM+16, LLE17, SSN12, KK21]. POWER5 [AAB+05c].
PowerPC [But94], ppXen [ASB18]. Practical
[BJH+16, DLX+17, HN10, Kna93, PDY+23, WLW+15, WBHN18, WWH+17, FIF+15, PJZ+19, SNV10, TC10, Wun13]. Practice
[Bec09, Cre08b, Lar09, SHB+03]. Practices [MO98]. Praxis [Bec09].
Praxisbuch [Lar09], Praxisführer [Bor01]. Pre [LUL+05].
Pre-virtualization [LUL+05]. Precedence [EGR15].
precedence-Constrainted [EGR15]. Precise
[LJFS17, BHSB14, CCW+20, TLX17]. Precision
[ADM98, BKMM87, KKS+19]. pre-conditioned [MM92]. Predicate
[UOKT84]. predicates [JKDC05]. Predictable
[KR18, LTE12, XLI16, LTK17, HK07]. predicting [WQG15]. Prediction
[EVC12, FFM+23, HM20, LWC+17, ZDLG17, ZFH+22, ADA+19, BKT+19,
CEG07, CCW+20, EYG21, EGO3, HLZ20, KJM+07, KCV11, PT+18,
RGAT18, Raj79, SOKE23, SNV10]. Prediction-based [HM20, EYG21].
Predictions [BFM+21]. predictive [CSSE21, XCJ+14]. Predictor
[BSMF08]. Pre-emptable [OL13]. Pre-empted [OLZ16]. pre-empting
[SJB14]. pre-emption [YQQ14]. Pre-emptive [PG17, PG18, YXL+20].
Preferences [AAAF21]. Preferred [Par72]. prefetch [KW13]. Prefetching
[RZPX19]. Preliminary [HW93]. prep [IIPB09]. Pre-Scheme [Ram93].
Presence [KBK+21, CFG+13, CJJ+22]. Present [Var91, JKDC05, Yur02].
presented [ACM90]. Preservation [JE12, BB08]. preserve [STFH15].
Preserving [BS96, DN06]. Presidio [Str05]. pre-tenuring [BOF17].
Prevent [KLY20, SYB12]. Preventing [DL19b, Kip21, WLCS17, PRB07].
preservation [MA17]. previous [STFH15]. Price [FFM+23, WHC16].
pricing [ADA+19, DEG+17]. Primary [PP16]. Primitive
principled [WSAJ13]. Principles
[ACM75, ACM99, ACM03b, Gol73c, Jno07, PJZ18, SHW+15, Vra05, SS72].
Prioritized [FBM+21]. priority [OKAM17]. Privacy
[IEE84a, IE90a, IE91, WLL+13]. Private
[HW12, Nie12, SYMA17, TUM18, WH08, ZLW+19a, Fro13]. Privileged
[MPF+06]. Pro [SRS09, Fra06, Fra09, Wil06]. Proactive
[MZ20, WB16, BKT+19, CFSSR19, JR19]. Pro-actively [KBB15].
probabilistic [PKS+19]. probability [LYY18]. Problem [AAR22, BL17,
BFG+14, GWZ16, Man15a, GLW3, MM92, EYGS19, SL00, XA22].
Problems [GR20]. Proceedings
[ACM06, ACM97, ACM09, ACM04b, ACM05b, ACM06a, ACM06b, Ano99b,
Bna00, IEE06e, LCK11, USE99, USE00a, USE00b, USE01a, USE01b, ACM00,
ACM03b, ACM05a, ACM06f, Ano93, GHH+93, HHHK14, IEE85, IEE04,
JPTE94, Mat10, MR91, SS95, USE85, USE86, Vra05, ACM75, ACM81,
ACM89, ACM90, ACM01b, RM03, ACM04a, ACM05c, ACM05d, ACM06e,
ACM06c, ACM06d, Ano01b, Ano04b, Ano06a, BW03, IEE84b, IEE84a, IEE90a,
IEE90b, IE91, IE92, IE93a, IE93b, IE005, IE006, IE006a, MS91b,
Ost94, Sof83, Shr89, Tho93, USE91, USE93, USE01c, USE02, USE06, M+06].
Process [AGLM91, Bal91, ETAB22, HPHV17, MZG14, RB01, SC17, Tho93, AC95, LZW15, EYGS19, PAKY16, PTD+18, XJC+14]. process-aware [XJC+14]. Processes [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91].

Processing [ASPP22, DKW15, GLL+21, Loy92, MMdE19, VLZ16, DH01, EF94, GSN93, IM93, KHL17, KWZ+19, LKY+17, LRP+19, LMDP19, LG93, MMG+18, WWT89, Wün13, ZDK+19, ZGL+17]. Processor [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91].

Processor [JADAD06a, Kim84, SOAK23, SN05b, FA21, WT91]. Processor-Interconnect [SKJ+17].

Processors [DSM14, Gei02, MT16, MT17, MBK+92, PDL+23, PNT12, RTL+18, KKC+16, MN03]. products [IBM88, Int88, SV17].

Evaluation [SL00]. Products [Ano03a, Ano03b, Ano05].

Professional [vH08, IIPB09, Ham07, Khn09]. professionelle [Zim05].

Profile [WKJ20, AWR05, WKJ17]. Profiler [SH04, VL00]. Profiles [Int05b].

Profiling [LV99, Sun95a, YWW+15, DSZ11, NK10, SSB+14a, STY+14, TSK+17, TSN+23, THC+14, YZLQ14]. Profiling-Based [YWW+15]. Profits [BYBYT16, MLXG19, ZHW+17, LWLL16]. Profit-Maximizing [BYBYT16].

Profitability [WUK+18]. Program [ACM01a, Com65, Cret65, FTNY69, Han95, HB08, MSG01, SZZ98, ABD+91, BPB86, Olb98, She02, WGF11].

Programm [Mar08]. Programmability [EMW16]. Programmable [DCG12, DMS02, FS11, Ken80, Kov91, MSS+15]. Programmer [PSBG11a, PSBG11b]. programmers [Hee07].


Prometheus [ACG18]. Promoting [ACA16, WLW+17]. Proof [FC98, LLZ18, Arv02, FP14, FCG+05, ZHL+15]. proof-carrying [FCG+05].


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

Prospects [PCB+18]. protected [ZBP07]. Protected [BPP+17, Cof99, GHD12]. Protecting [LMJ07, MT18, WLL+13].

Protection [VMW+19, CD12, CDD13, SSS5, CGL+08a, CGL+08b, CGL+08c, CBHH20, CIZZ13, PK75b, TSLBYF08, WJGA12]. Protectit [KSLA08]. Protocol [GKX13, MN91]. protocols [DM93, RSLAGCLB16].


Providing [BDS+09, HC18, ISL19, KHW+16, KKH14, KGZ+04]. Proving [BW03, IM75]. Provision [LXGC23, WN17]. provisioner [JMR12].
Provisioning
[BSS14, BCW20, ELC+19, HJG18, LCT+15, LWC+17, LLZ18, NMG15, NSJ12, SC18, SZW+16, SXCL14, XLJ16, ZLW+14, ZRS+16, CSSS11, CFVP12, FGG14, GSKJ18, KBB11, MHS21, PPO14, SJB14, VOS12].


PV [Ano15]. pyramid [MJ93].

Q [AJBJ23, Che21]. Q-Learning [Che21, AJBJ23]. QEMU [WR07, WR08, CK06a, CK06b, CK06c, CK06d, CK06f, CK06h, CK06i, CK06j, CK06k, CK06m, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s, Bar06, MZG14, WR07, WR08, vdK09, CK06a, CK06b, CK06c, CK06d, CK06g, CK06j, CK06k, CK06m, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s, Deu08]. Quantifying [FFB+00, PJZ+19]. Quantitative [ZWW+13]. Quantum [NLD+23]. Quelle [LC09a]. Quemu [CK06a]. Query [WK90, KHL17]. querying [CKRJ17]. queuing [Pon19]. Quick [NOT+17]. QuickDedup [SSG+20].

QUICKTALK [BMWB86]. QUIS [CKRJ17].

GPM21, HcC14, JAD19, JYM+23, KR18, LSSC22, LXL+22, LD05, Mac79, Mat09, NL19, PPG+17, QT06, Ran20, Sta97, Swa06, ABB19a, AS76, ABC+07, BCC+15, HK07, Ive03, KBB11, LTK17, NBS18, Nie12, PTD+18, RK18, SBNU18, WQG15, YCL+19, ZEdlP13, Real-Time [CW03, FXHY21, GPM21, JAD19, JYM+23, KR18, LSSC22, LXL+22, NL19, PPG+17, Sta97, HcC14, LD05, QT06, ABB19a, AS76, ABC+07, HK07, Ive03, KBB11, LTK17, NBS18, PTD+18, SBNU18, WQG15, YCL+19, ZEdlP13].

Real-World [AAR22, Ben21].

Realism [DSSP06].

realistic [CKP93].

Reality [BG20, CB07].

Realizing [UT87, Syr07].

Reallocation [LWZ18, BY20].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].

RealNetworks [Ano03a].
Satellite-Terrestrial \cite{QLL21}. Satisfaction \cite{LVM16}.
Satisfaction-Oriented \cite{LVM16}. Satisfied \cite{KCY22}. SAVE \cite{GKJ19}.
saving \cite{YLCH17, YLJ22}. SC’11 \cite{LCK11}. SC2003 \cite{ACM03a}.
SCADA \cite{ADWM18}. Scala \cite{AT16, SMSB11, Sub08}. Scalability
\cite{MKK16, QNC07, TCP17, VP16, BFS18}. Scalable \cite{ASPP22, CL17b,
DSM1+18, FBL18, HJ10, HPS22, JAD19, KCY22, Kol19, KKL+22, Li14,
RSN1+18, SD01, SADF18, SWL+23, UVL+13, XML+18, ZL18a, ZSP+21,
DS18, HLW+10, HTAY21, HPS23, LKR+19, SJJ+12, SPF+07, SG10b, Uhl07}.
Scale \cite{CXZ19, HC17, PHL+12, RIP18, RJS+18, SL89, XDL51, ZLW1+4,
ZTA1+21, FPG18, LDP1+11, MSG1+12, ZS13, WWT89, WCG21, YZC17}.
scaled \cite{KNHH18}. Scaling \cite{CBJ22, HC17, JWL1+18, JG17+06, LW20,
PBL1+16, TCP1+17, AB16, SBN18, SSEA18, TSC19, XLQ18, AMAB17}.
Scaling-Aware \cite{HC17, AMAB17}. SCAN \cite{Ble89}. Scenarios
\cite{MTF19, SAD18, KCV11, Sch13a}. Scenes \cite{Cra98}. Schedulability
\cite{NL19}. Scheduler \cite{AGC18, IYAK23, ASB18, KCS14, RAP19, SWH1+3}.
schedules \cite{LC14}.
Scheduling
\cite{ARAAA19, AD18b, BE17, Car23, EB20, EGR15, FML1+22, HSN17b,
JJK1+11, KDB16, LMM18, LGJ1+18, LD05, LWL16, LC13, PG17, PG18,
RB17, TTH1+19, VS19, WDL1+20, WWT89, WC18, ZWFX17, ZQC16,
ZL181, AAB19a, AT23, ATZP12, BC10, CCL1+20, CLL1+23, CCW1+20,
DEE1+16, DQLW15, DXM1+17, DCM17, DS22, HKS19, JGW1+11, K118b,
KJ1+13, KNHH18, KCV17, LFHS23, MMTM22, NAR19, PC21, RWC21,
RZ14, RHZ1+17, S113, SHJ13, SSN12, Sto07, TMLL14, THG1+18, VBV13,
WQ115, WCC1+16, XCH1+14, XLW118, XZK1+20, XXW23, YPL17,
YXL1+20, YWH13, YQZ14, YQZ19, Yu20, ZSR1+5, ZB18, MA21}. schema
\cite{S181}. Scheme
\cite{AJ18, AMA18, KAZ14, RSN1+18, SHZ1+14, YWR1+14, KK21, KJLY15,
LJY15, SM23a, XCH1+14, YPL17, YQZ14, YQZ19, FM90, FDD1+19, KR94}.
Schemes \cite{Do11, LSSC22, MNA16, YWHG13}, Schloss \cite{IEE01}.
School \cite{BGP00}. Science \cite{ACM06d, BR01, DFG5, SGV15}.
Sciences \cite{Shr89, MSB19}.
Scientific
\cite{AD18b, Bad87, RB17, CSMB15, dCCDF15, EB20, MPM1+20, WC21}.
Scientists \cite{THLK10}. Screening \cite{LP14}. Scripting \cite{MJW1+06}.
SD \cite{KKK1+18}. SDDSFL \cite{CLLS12}. SDN \cite{Pap20, ASL1+20, BDF19, HTB19,
HTB22, LLY1+18, SMD18, SB18, SP22, VVC1+17, WYZ120}. SDN&NFV
\cite{ABB1+19b}. SDN-based \cite{WY120}. SDN-Enabled \cite{HTB12, HTB19}.
SDN-NFV \cite{SP22}. SDNs \cite{ALW15, BG20}. SDWN \cite{AFG1+17}. SE
\cite{LYB14}. Seamless \cite{Hr92, TDG1+06, WX15, BADM0, D20}.
Search \cite{Cox12, MNS1+14, VG20, CWD0+06, KMT14, SB21, Th06, WZ1+17}.
search-based \cite{WXZ1+17}. Seattle \cite{ACM05c, ACM06b, LCK11, Ost94}.
Sebastiani \cite{AN97a}. sEe \cite{SMK02}. SECD \cite{ABR82, AS85a, AS85b}.
SECD-M \cite{ABR82, AS85a, AS85b}. Second \cite{ACM06f, IEE93a, Shr89}.
SecondSite \cite{RCW12}. Secure
\cite{AD19, AVNR19, AMH1+16, CCML12, CLA07, ETAB22, JSHM15, JAS1+15}.
LJR12, LP11, PEC+14, QZDJ16, RC18, RI00, RSGG15, SOAK23, THB06, TTLC13, WF07, YML+18, vD00, BDS+09, GNDB16, HKD+13, ISE08, LLX+17, Str05, SL12, TLBW12, ZBP05. Secured [TMV12, WCC16c].

Securing [Sar01, Hal08, Hal09, PDM20]. Security [AKK+07, Ano93, AEB19, Att79, Att73, BDG18, De 06, ESY+17, FJKK17, GW07, HHSG18, HB17, IEE84a, IEE90a, IEE91, IEE05, JE12, KZB+90, KS08a, KS08b, LWLL10, NMMP15, PM19b, PVDS08, Pfo13, SJV05, SM90, SABL20, SEF+06, Ste05, TMV12, TV12, USE00b, VN08, WHD+09, WTM18, XKKL23, ZL16, ZL18b, ZYH+19, Ano07, BTMS10, Bau05, Bau06b, Bau06a, Be06, BCP+08, Bor07, BBS06, CCMY07, CBFH20, EM06, FA21, Hal09, HMS04, IK+06, LLW+12, MD73, MD74, Mat09, MKM+08, MA17, PG11, PZH13, PBB13, Sch13b, SDN09, VT14, WHSE15, YSM+12, vCPWvT11, DTW07].

security-aware [FA21]. Security-focused [BDG18]. security-oriented [IIK+06]. see [Yur02]. SEED [DTW07].

Segment [ELC+19]. seinen [KGG00]. Selecting [GSKJ18, NBK16]. selection [AHRR22b, HM20, JK13, LZWC13, LLWW18, MJC19, NKK21, ZB18].

Selective [WZW+11]. Self [BHI15, BRX13, HHW10, JC18, dOL12, SEPV19, XCSM18, BKT+19, CBLFD12, GK05, GKJ+19, KKB14, NKK21, OK90].


Self-management [dOL12]. self-optimizing [NKK21]. Semantic [Das91, DGLZ+11, FL13a, GKP+19, SBBP20, AD18a]. Semantic-centric [SBBP20].

Sensing [SML18]. sensitive [DK17, KSLA08, LCL14, MMTM22, ZBP07]. sensitivity [HB13, Tzik17]. Sensor [BSI+15, LC02, MAK07]. sensors [ALL06]. Separation [FK91, WLMD16, LWM14].

September [ACM81, ACM04a, ACM05a, ACM06c, ACM06b, Ano93, BW03, GHH+93, Jou85, JPTE94]. Sequence [ARAAA19, EDS+15]. sequential [Clo85].

Serialization [BP01, BP03]. Series [Kee77, KA83]. Server [ARA18, Ano03a, Apr09, BE17, Bod10, Car06, CGS06, Do11, HSK17, Joo09, KSS09, KS10, KLLT18, LZ15, Lar09, LC09b, LC09a, LZX+21, Mar08, MAK18, MG08, MG09, PZW+07, RWX+12, R+02, SCW08, WN17, ZHW+17, Zim05, Zim06, ARA20b, ARA20a, A+04, AGH+15b, AT23, BKR20, B+07, DBC+00, EB17, Hal08, IMK+13, KF18, LC14, LLWW18, LLS+08, LL14, LDST12, MNT14, MRM06, NTH+17, NMC18b, NMC18a, R+13, RPE12, Wall02, WDT18, YZW+13, AHH+03, Ano03a, B+07, D+04, Ham07, Lar09, MWHH05, OH05, R+06, Rul07, R+02]. serverless [NRdA+20]. Serverless [Mar08]. Servers [DSM14, JJK+11, KAZS14, SDD+16, SKJ+17, WLW+17, A+04, BJ22, BBHL08, G+05, Hal08, DJD+06, Mly09, SZ13, YLJ22]. Service [AP22, AAMBE21, BB13, BCW20, BFG+14, DKW15, DPCA11, EMAL17, ESY+17, FBM+21, FFM+23, GR20, GGK18, HS21, HW12, HJG18, HPHV17,
Service-Based [LP14]. Service-centric [AAMBE21], service-chaining [GHM+18]. Service-Oriented [HW12, MP16, RSGG15, Fro13]. Serviceability [RB01]. Services [BFHW75, IEE06b, KCY22, KLR+20, MSS+15, MLXG19, WC01, Wid01, ZLW18, BDS+09, HPB06, KBB11, KSLA08, LKR+19, LTZ+14, ZEdlP13].


NRS92, RMB02, SK13b, SHB19, UBL+82, WWS89, YYY+19, ZSRR22.

Simulations [LCT+15, BL90, DH01]. Simulator
[Ben21, CK96, CRZ83, Dun86, FTNY69, PCR89, Ber86, BR01, CMP+07, DC15, GB087, Hog02, KW80, MRL02, YYPAP01, Ano14a]. Simulators
[NMHS15, Sup04, Man18, Yur02]. Simultaneous [LRZ16, ABB+15, FS19].

Singapore [Ano06a, TCL06]. Single
[CCO05, KP15, AGIS94, Fis91, KNHH18, LSS04, Mon97]. Single-chip
[Mon97]. Single-Computer [CCO05]. single-ISA [KNHH18].
single-node [LSS04]. single/multigrid [AGIS94]. site [CPST15, SSB+14a].
situ [CRR17]. Sixth [ACM05a, TLC06]. Size
[Lam75, NKY+18, HPHS04, UTO13]. Sizing
[LWB13, VTW16, CSV15, WSAJ13]. Skip [WBHN18].

Skype [Joo06]. SLA

Sizing [LWB13, VTW16, CSV15, WSAJ13]. Skip [WBHN18].

Smartphone [DAH+12]. SMIL [Bru07]. SMILemu [Bru07].

Snowbird [ACM01a]. SnowFlock [LCWB+11]. 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, DBM192, DL89, EDS+15, FXHY21, FML+22, HO22, Hsu01, IGBKR19, JMSLM92, JN15, KP99, Kna93, KAJW93, LH16, LTT92, LLW+16, LZX+21, LZW+20, MZD+18, MP16, Ost94, Ott18, PJZ18, Pao20, Par79, PBR+90, SoF83, SM06, SN23, SMA18, Shr89, SAT09, SB18, SKE+19, Sts07, SCL+19, Tht93, TBS17, Wm71, YWH+21, YYL+15, ZKH17, vdk09, ACM01a, A06, ALW15, AAB+05b, AC95, BD11, CBGM12, CFG+13, DS19, FP14, Guz01, HHS18, HHI3, HP77, LJ12, LWL16, MNT14, PV06, Sam22, SV17, TK20, WZW+11, XJW+18, YJZY12, ZWKK17, ZLZ13, ZHCB15, CK06q, CK06t, CK06r, CK06s].

Software-Based [LZM+20]. Software-Defined
[AFG+17, CL17a, FML+22, JN15, LLW+16, LZX+21, MP16, SB18, TBS17, YWH+21, ZKH17, ALW15, HHS18, LJ12, TK20, XJW+18].
Stochastic

stock

Stop

Storage

Stories

Strategy

Strong

Structured

student

studies

Studio

Study

Supercomputing

Supercloud

Supercomputer
QTR21, SB16, SGB+16, UOKT84, VV18, WMUW19, AGH+15b, CB10, DS19, FMIF18, HKB19, MG13, MHS21, NIA18, PBB13, XCTB17, YWL+18. Surveyor [Fra83, GHF83a, GHF83b, 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, BR912, KSS+20, KSS+23]. Sweet [WBB+16]. Swift [NOT+17]. Swiper [CRZH15]. switch [BR01, Ste14]. switches [YGLY21]. Switching [DMG+15, LBL16, YLJ22]. SY [USE01c]. Sydney [MR91, Gre10]. symbiotic [LD11]. symbolic [MMP+12, TB14]. SymCall [LD11]. Symmetric [DBO+18, GMP89]. Symmetry [PBL+16]. Symposium [ACM75, ACM03b, ACM05a, ACM06d, Ano00, Ano01a, Ano01b, Ano04a, Ano04b, Ano10, HHK94, IEE84a, IEE85, IEE90a, IEE91, IEE96b, IE06a, Ost94, TLC06, USE91, USE93, USE00b, USE01d, USE02, Vra05, IE06a, Ano02]. Synchronization [BC19, LJL+11, ZJXL11, Sub11, Uh07, Ven97d, YQZ19]. synchronized [KS18b]. Synchronous [SIR+17]. synergy [BR05, Car13, CSS+13, CZX+19, Cref65, CWL+15, CHLY17, DRM10, DM75, Fis01, GGM+16, G+06, GJH91b, HXZ+16, HW93, HHC+16, HWCH16, IBM76a, IN87, JAD19, KAM83, KEE77, KP15, KUT92, LP14, Li04, LCZ+19, LCF12, LXM+16, MCE+02, Mat73, Mat10, MNN05, MS07, MDGS98, MB98, MS91b, MM94, NSH10, NMS+14, P+08, PHXL19, P+23, QTR21, R+06, RHV17, Sch86, SML89, SVN+10, Sh03, Sh09, SJJ+17, SWF16, Ste05, WLY+15, WJK90, ZJC+21, ZSX07, ZQG16, ZZL+20, ZZF06, ZYX+15, AD18a, AEMWC+12, AL05, AH12, ACT94, AP18, Bar78, BSD19, Bor07, Bur02, Cao00, CWB+14, CK06b, CK06c, CKP78, CBFH20, DHD20, DCA17, FFBG08, Fis91, FLS77, GGG+13, HNO8, HKD+13]. system [HC12, HUI18, IBM88, Int88, KB21, KCK15, KK79, LJN+00, LHA05, LLC+17, LMDP19, LDL+08, MR23, MD73, MD74, MDFS72, NMC18a, NMC18b, PRB07, PK75b, RG19, Rob06, SNV10, SP+07, SLY20, SWW+18, SZ13, SST2, STY+14, TC10, Vag10, Van06, VMBM12, VSC+10, WKT08, WH08, WWT9, WHS15, WFO7, WC91, YLC17, YZCS17, ADG+92, ABDD+91, Car14, Gum83, HTAY21, IBM76a, SNC91]. System-level [SVN+10, AL05, BSD19, WHS15]. System/370 [IBM76a, Gum83, IBM76a]. System/6000 [ABDD+91]. System/9000 [ADG+92]. Systemarchitecktur [See08a]. Systematic [BD19, DCM22, ARA18, ARA20b, ARA20a, BJ19, BJ20, KHA22, NK22, ZJR19]. Systeme [WF03]. Systèmes [Han73]. Systems [ACM81, ACM03b, AAT+22, Ano99b, BBMA91, BHI15, BG74, CD12, CC77, CAF+91, Das91, DJ77, Fie68, Gol69, Gol71a, Gol73c, Han73, HHS18, Her10, HBL+10, IE039a, IE01,
T [CZX+19], T-Gaming [CZX+19], Tables [MT16, MT17, WLW+15], tackle [Sub08], tactics [OG16], Tail [ASSB18, WZKP19, War80], Tailor [PDL+23], Tailor-nade [PDL+23], Taipei [SS05], Taiwan [SS05], Take [Kis08], Taking [Uhl06], talk [Piz17], Taming [CZL08, HHPV15], Tan [Fra13], Tape [DK93], target [FCG+05], Targeting [CDG97], Targets [Sta07], Task [ARAA19, DS22, KMM13, LWW+16, RRB19, ATZP21, LFHS23, MMTM22, ZB18], Tasking [MB98, Shi03, JDJ+06], Tasks [KGS16, VS19, YSS+17, ABB19a, FGG14, KLY20, YQZ14], Taxonomy [Car23, FLZ+20, GB19, SGB+16, SB18, ZXR+22, AGH+15a, HKB19], TCAM [HWW+18], TCAM-Based [HWW+18], TCB [HCJ07, HPHS04], TCP [CL16b, GKKX13, G112], TD [WBW+19], teach [Don88], Teaching [Agr99, Dav04, Don87, GGG03, ME87, Gaz01, Ham76, KW80, MS01, NW05, KWC+09, YPP+01], teasing [LBF12], Technical [ACM06d, Ano06b, Han16, OH05, UOE01a, UOE06, BBO8, Int06c, Int06a, LC09a, Wal10, ZMD+21], Techniken [Tho08], Technique [JHS12, JSM12, LTT92, SMK02, WMMUW19, ACT94, FAA17a, FAA17b, KLY20, PS23, SLA+16, XHL+13, YKS16], Techniques [ACM06b, ASL+20, BG18, BCG73b, BG74, KK19, LJL+15, NKY+18, OVI+12, QTR21, SMA18, ShiLB19, Tho68, UOKT84, VV18, ZZF06, AD18a, ARA18, AA06, AH12, BDM06, CMGI+23, HSC15, IM93, KS13, KRG+12, SSN12, SHTE11, TSB19, VGL23], technische [LC09a], technologie [Apr09], Technologies [DF96, LCMV17, PZW+07, RC18, SABL20, USE09, USE01b, AMIA19, C1a06, Kao17, MPA+18], Technology [Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Cap21, DLM+06, Don06, ELG+19, Got07, Her06, RG05, USE01c, USE01d, USE02, UNE+05, VSMC23, WHD+09, XKLL23, 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 [CWD+06, ZZG+23, WBW+19], temporal-difference [WBW+19], Tenancy [DY17], Tenant [LCZ+19, SWW+18, YKS16, ZRY15], Tensor
[BSNB20, BRS18]. TosKer [BRS18]. Total [LGJ+18, THG+18].
TotalStorage [D+04]. TPC [NP13]. TPHOLs [BW03]. TPM [KC12]. TR
[Int05b, Int06c, Int06a]. Trace [MZG14, NASD21, BDE+03, DC15]. Traces
[WKG17, DD20]. tracing [BT15, PFH+16, WKJ15, WoI99]. Track [Shr89].
Tracking [JADAD06a]. Tractable [KR94]. Trade [StLB15, XZK+20].
Trade-offs [StLB15, XZK+20]. Tradeoff [MTFK19, UTO13, WCY+17].
Tradeoffs [CMM+06a, CMM+06b, CMM+06c]. trading [IWL+16, VGL23].
Traffic [BBM+15, CGC16, CYX+17, DK17, LXL+22, PCW+16, VV18,
YLTF20, CBJ22, FLL+13, HH19, IKU15, JYOB18, LLZ+19, MG19,
WZV+13, XHW+19, YCL+19]. Traffic-Aware [CCG16, CYX+17, JYOB18].
traffic-intensive [IKU15]. Traffic-sensitive [DK17]. Transactional
[URJ18, CMM+06a, CMM+06b, CMM+06c, ZHCB15]. Transcendent
[VTW16]. Transfer [HHC+16]. transfers [DPBK16]. Transformation
[WIDP12]. transformations [HB08]. transient [LR05]. Transiently
[LDRS18]. Transition [MBWW86, Syr07]. Translation
[AZEE17, AZEE18, JLX+12, LH16, YVCB17, YVCB18, dGG+17, CFG+13,
JYW+13, Oi05, Oi06, Oi08]. translation-based [Oi05]. Translational
[WIDP12]. translations [UTO13]. Transmission [RSN17, RSN+18].
Transparent [BZA12, FK03, KJ1+10, KK14, MSI+12, dGG+17, AW17,
JXZ+10, MRG+13, YYJ12]. Transputer
[Boa90, GHH+93, Boa90, GHH+93]. travel [TSLBYF08]. Traveling [YK13].
traversal [YTS14]. Treating [SSOT17]. Tree [Hal79, KMMV14]. Trenches
[HN10]. Trends [RG05, AH12, CM18, JPET94, vD06]. TRI [ACM97].
Trigram [Cox12]. Troubleshooting [WF03]. Troy [An097a]. truly
[ZBS22]. trust [XJR+17, RNA+22]. TRUst-aware [RNA+22]. Trusted
[DPW+09, ETAB22, SVB93, Srr05, BCP+08, KSLA08, WH08]. TrustZone
[PPG+17, PS19a]. TrustZone-Assisted [PPG+17]. Truthful [NMG15].
TSAC [WZL15]. Tucson [IEE05]. Tuning [EDS+15, RS16, WZL+23].
Tutoring [GH91b]. TVDc [BCP+08]. Twelfth [MR91]. Twenty
[MS91b, Shr89]. Twenty-Fourth [MS91b]. Twenty-Second [Shr89].
TwinDrivers [MSZ09]. twins [HCJ07]. Twitter [Guy14]. Two
[AW17, ASMA21, IMBB20, SSG90, TF16, BSSM08, CCMY07, HCJ07,
LU+05, SZKY21]. two-dimensional [BSSM08]. Two-Level
[ASMA21, SSG90]. Two-phase [TF16, SZKY21]. Two-tiered [AW17]. TX
[ACM99]. Type [ADM98, AT16, Arv02, KCV11, PRB07]. type- [Arv02].
Type-Precision [ADM98]. Typed [G+88, BDT13, GLV99, KRC14].
Types [Wel94, GLW23, MFT+19]. TypeScript [RSF+15]. Typing
[RSF+15, RAT17].

u.v.a [Tho08]. UCSD [SP83]. UKCF [JXL+12]. umfassende
[Bod10, Fis09]. Umgebung [CK06p]. Umgebung
[CK06a, CK06e, CK06c, CK06d, CK06f, CK06i, CK06h, CK06j,
CK06k, CK06m, CK06l, CK06n, CK06o, CK06q, CK06r, CK06s].
UML [Fre05, RFBL01]. UML exe [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]. Uniform [ZDS+22, MBA+12]. Uniform [Eug06, Bod88]. Unifying [MD12]. 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]. unleash [Ano07d, HH08, MG08, MG09]. Unmodified [HLP+16, MKKE12]. Unpicking [LBF12]. unreliable [MPM+20]. unsound [AT16]. Untrusted [CD12, HKD+13, HPHS04, WLL+13, ZBP05]. upcalls [LD11]. Update [FXHY21, LC14, SCL+19, VVC+17, J+05]. Updates [LCZ+19, LDRS18]. upgrading [CCZ+06]. upfront [ZLW+19a]. upgrade [CHCC07]. Uptrees [Ano03a]. USENIX [ACM05d, Sof83, USE91, USE93, USE06]. User [Chu06, ZQCZ16, Ano93, ACT94, Bor07, Guz01, PG11, RSC+15, Sto07, Tho73, ZLZ13, ZLZ+19a, CKT08, Dav04]. user-controlled [Sto07]. User-Level [Chu06, ZQCZ16, 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, HLW+10, HWHW18, JMSLM92, LNJ+00, LTT92, LD05, Mar73, MV16, MZ20, NASD21, OLZ16, PEC+14, RSW+06, Sar01, See10, SM06, SC17, SYB12, SAT09, SBK15, SXCL14, TDG+18, WDSW01, WK17, WUNK17, Wic00, Wl099, XSC13, XCSM18, ZLG+20, ZBP07, ZLW+19b, dGZ+17, AD18a, Agr99, ATS16, AWR05, AP18, AGIS94, BS+12, BHvR05, BSO+20, CL14, CPM+18, CCZ+06, Dan12, DHD20, DS22, EB00, FFBG08, FA21, FL13b, GHM+18, HKJ19, HJ10, HTAY21, HN08, HPHS04, Hol95, HPS22, JNR12, JWH+15, JGSE13, JYOB18, Jum07, KSS+20, KSS+23, KK13, KSH+13, KJJ+19, Kip21, KGS16, KL13, Kon11, KRG+12, LLD14, LIWW18, LQW+12, MHM19, NMC18b, NMC18a, NV05]. using [PBL+16, Pon19, RP07, RW21, SEM+20, SVG13, SSN12, SS22, SIJP11, SIK+16, SSH17, STPH15, SSN94, Str05, TSLBYF08, TSR19, TF16, VT14, WG+18, WZZ+20, YK13, YLWH14, YFW09, YWCF15, ZL13, ZDLG17, ZB18].

V [Gal09b, Lar09, LC09a, Apr09, Car06, KVVO9, KSS09, KS10, Lar09, LC09b, LC09a, MG09, MG09, SMP22, SRS09, AJ15]. V-Mapper [AJ15].

V2E [JYJ12]. Validation [BSL+18, SSB14b, SSB01]. Value [TF16].

VaNetLayer [BTLNBF+15a]. VAP [PM19a, XJW+18]. vApp [SG10a].


vehicular [BTLNBF+15a, MCC18, YBZ+15]. Velox [TV18]. Vergleich [Zim05]. verifiable [CNP+13, PK75b]. Verification [ABDD+91, JE12, SES+15, LMZ+20, SSB14b, ZL18b, ZLZ+21b, BSD19, DL19a, FC98, LLS+12, PBL+16, SSH17, SSB01, ZSRR22]. Versatile [EBJ17, SN05b].

versioning [STFH15, WF07]. Versus [RAN20, DKS5, HPHS04, S HEG08, VED06].

vertical [BFS+18, STY+14]. Verwaltung [Zim05]. Very [RGSJ17, SSB03].

VFe [Anod05]. vGPU [LZM+20, SM+3b]. vGreen [DMR10]. VHDl [FS89].

VI [Ht06b]. via [FL13a, GI12, GLLJ16, HSK17, HB13, KJM+07, KNNH18, LF19, LJJ+11, MRS+15, NGRF19, QZDJ16, RZPX19, SP3, SDD+16, TDD+18, WZL+23, WXJX15, YTS14, ZSW+06, vSMK+20]. viable [HW15].

viele [WR07, WR08], vieles [Joo06]. View [GB19, KKH14, AD18a, Gya14, LDDT12]. Viewpoint [LPSS19]. Views [PW03].

Vigilant [PBHY+08]. VIII [EE01, IEE06a]. VINEA [EMW16].

ViNEYard [CRB12]. Violation [ZHL16]. violations [BSM+12]. VirtCL [YWTC15]. virtio [Rus08]. Virtual [ACM05d, ACM06f, AGJS16, AS85a, ABCC66, AEM+14, ADM98, AGH+15a, AZEE17, AZEE18, AAF21, AAR22, AAB+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, BDJ+02, BSSS14, BWH+19, BDF+99, Bee05, BCC+15, BH73, Boc66, BB13, BN75, BJ20, BHDS09, BJS73, BBHLO8, BL17, BFG+14, BWD+15, BBM+15, Blu02, BM09, BD01, BP01, BP03, BZD17, Bro99, BRX13, BFM+21, VMW+19, BBS06, BJH+16, B+07, BG73a, BG73b, BCG73a, BCG73b, BG74, Caa00, CTS+93, CW03, CCWY05, CL17a, CFH+79, CFH+80, CLW12, CM17, CCML12, Car13].
[CK87, CFVP12, CWS12, CHCC07, CGMD19, CF00, CT03, CSS+13, CGC16, CL16a, CL16b, Cha21, CRZH15, CCO+05, CC77, Cla97, Coh97, CDG97, Cox09, Cra05, Cra06, Cra98, CH78, CWG00, CWL+15, CHPY17, CYX+17, CHLY18, CDN02, Dalxx, DAH+12, Dal97, DHPW01, Dan86, DD20, DSM14, DG05, DEK+03, Den01, DK17, DMR10, DKW15, DCM22, DF96, Do11, DGLZ+11, Dom80a, DL19b, DJ76, DJ77, DCA04, DLS+01, EGR15, EGJS15, ECJ+16, ETAB22, Eng99, EM06, EMAL17, EG01, Ert03, EMW16, EDS+15, FXL+23, FFB+00, FG91, Fie68, Fis01, FPS+02, (Fo71, (Fo78, Fra98, FK03, FL13a, Gai75, Gal73, GO1, GWZ16, GKSP99, Gei02, Gen86, Gol69, Gol71a, Gol71b, Gol73c, GGG03, GLBJ18, Gum83, HHV02, HHW10, HT98, Hal79, HTW+19, Han73, HKLM17, HM01, HA79, HTB22, HWL+23, HH79, HB17]. Virtual [Hin97, HKM+18b, Hir17, Hof20, Hor73, HKKW13, HS13, HWB03, HS06, HB08, HPS22, HPP15, IBM72, IBM73, IBM76b, IBM85, IBM88, Int88, Ian14, Ibs84a, Ivo03, JR02, JHS12, JK+11, JE12, Jen79, JXL+12, JMSLM92, JQWG15, JAS+15, JN15, JKJ+10, JADAD06a, JDJ+06, JJ02, Juo07, KCWH14, KRS+17, KC16, KS08a, KSS+20, KMK16, KNT02, KKT17, KF91, Ken80, KDB16, Kim84, KKL11, gKEY13, KKJ14, KP15, KPHA20, KAH83, Kev19, KGZ+04, KLTT18, KLF+15, LCWB+11, LMM18, Lam75, Lau87, LW73, Law00, LW11, LP14, LSC+17, LMR18, LW98, LG80, LG01, LSE12, Li14, LZ+15, LZWD15, LVM16, LWL16, LYYY17, LGJ+18, LWM23, LB98, LV99, LTT92, LD05, LW16, LXW+23, LY+17, LY97b, LY99, LYxxa, LXxb, LYBB13a, LYBB13b, LYBB14, LHAP06, LWL10, LL+11, LW12, LJL+15, LLZ18, LWZ+18, LCZ+19, LPB17, LPBB+18, LFBB94, Loy92]. Virtual [LTK17, LXM+16, MSG14, Mac79, Mad69, Mal73, MS91a, Man15a, Man16, Mar73, MD12, MP16, MZ20, MG72, MRG18, Men03, MS70, MD97, MDxx, MW18, MDGS98, MLG+02, MB98, MKKE12, MA21, II79, MP01, MJW+06, MM94, NBH08, NBK16, NGM15, Nel04, NASD21, NGRF19, NLD+23, NSJ12, NL19, Not92, OT97, OKAM17, Oi05, Oi06, Olb78, PTHH14, PAKY16, Par71, Par72, PPTH72, PP73, PSBG11a, PAC+22, PHXL19, PXG+17, PNM+20, PRB07, Pfo13, PHC20, PF23, PS16, PCC+16, PK75a, Pro00, Qia99, QBL+23, QT06, RNA+22, RG17, Ron20, Ron02, RLZ+16, Ren78, Rev11, RI8, RY10, RI00, RSN+18, RRB19, Ros99, Ros04, RG05, RS20, RCTY19, RB01, SMK02, Ibs84b, SL14, Sun88, SB+14a, SD01, Say06, SH04, Sch13a, SMES01, Sch09, Sch94b, Sch94a, Sch73, See10, Set13, SMSB11]. Virtual [SSB03, SC17, SCEG08, SCSL12, SMA18, Shi03, SM01, SGV12, SV13, Sim92, SCP93, Siv04, SSG90, SN05a, SN05b, SHZ+14, SBP+17, SXMX+18, SB73, Sta97, SSB01, SSB14b, SBH+03, SVL01, Sun95b, Sun95a, SUN79, JCW99, SKI+17, Sup04, SM02, Sur01, TSLB10, Tsa98, TTF96, TTH+19, TMV12, THB22, TY14, Tsi98, T096, TV12, USE01c, USE01d, USE02, UT87, UBF+98, UR15, Vag10, VTHW91, Ven97a, Ven99a, VGF16, VL00, Vog03, Vol90, WL96, WIDP12, Wka99, WH99, Wal99, WDL+20, WB81, WLW+15, WWL+17a, We94, WGLL13, WZL15, WZW16, WSG14, WHD+09, Win71, WP97, Wol99, Won97, WWMG06, WLCS17, WWL+17b,
Virtual [ZZW+21, ZCL+21, ZFF06, ZWL+18, ZLL+16, Zh010, ZHL16, ZLY18, ZJXL11, ZTMW17, Zim05, ZR06, Zy94a, Zy94b, dSdF16, vD00, vLSM01, Ágr99, AEMWC+12, ABB19a, Abr82, AS85b, AD19, AGSS10, AJBJ23, AAH03, AGH+15b, AHRR22a, AHRR22b, AT23, ATZP21, ADA+19, AAB+00, AAB+05b, AC95, Ame13, AGH+16, Ano94, Ano96, Ano99a, AO16, ATS16, ABC+07, Arm98, AWR05, AAMAB17, Arv02, AP18, AS14, AMB+17, AAC+17, ANH00, BB20, BAC15, Bag76, BML+13, BSM+12, BDF+98, BDS+09, BHvR05, BG20, Beg12, BPC94, BMF23, BB15, BCP+08, BJ22, BCM90, BRS+22, BPM+22, Bir94, BADO6, BFC02, BY20, Bri98, BB95, CSMB15, CARB10, CL14, CL17b, CD14, Car14, CEG07, Cav93, CS76, CGM17, CSSE21, CCL+17, CCL+20, CLL+23, CBLFD12, CH08, CJ12, AAM22, AMB17, Arv02, AP18, AS14, AMB+17, AAC+17, ANH00, BB20, BAC15, Bag76, BML+13, BSM+12, BDF+98, BDS+09, BHvR05, BG20, Beg12, BPC94, BMF23, BB15, BCP+08, BJ22, BCM90, BRS+22, BPM+22, Bir94, BADO6, BFC02, BY20, Bri98, BB95, CSMB15, CARB10, CL14, CL17b, CD14, Car14, CEG07, Cav93, CS76, CGM17, CSSE21, CCL+17, CCL+20, CLL+23, CBLFD12, CH08, CRB12].

Virtual [CK06a, CK06e, CFRSSR19, Co99, CGV10, dCCDFdO15, CWdO06, CLDA07, CLL+13, CD01, DPW+09, DDS+94, DS19, DSC+08, DP11, DM93, DC15, DEG+17, DBC+00, DQLW15, DLH+20, Don87, DHD20, DLF98, DSZ11, DCMW17, DS22, DCA17, EB20, EY21, EGK02, EGF03, Ert05, EL98, EMS15, FCD09, FLL+13, FZS+20, FS19, FM90, FA21, FSFP19, FMIF18, Fit14, FHL+96, FGLI15, FF96, FLM+05, Fre05, FX06, Fu10, GP13, GQ+13, GTGB14, GI12, GVI13, GH20, GSK18, GJK+20, Gol73a, Gol74, GCARPC+01, GAHL00, GPW03, GR80, GBCW00, GLQ+13, GJ+19, GLW23, GLV+10, GA18, HKS19, HM18, Hal09, HMM17, HZL+18, HJ10, HKN22, HN08, HKB19, HZZ+14, HTB19, HUL06, HH18, HH19, HAK22, HDG09, Hc14, HPHS04, Hol95, HLBZ20, HSC15, Hui18, HPS23, IBM94, IBM96, IRB19, IKU15].

Virtual [MBB20, JKS+13, JK15, JES+15, JKK+13, JNR12, JWH+15, JC18, JGW+11, JDW+14, JGSE13, JYOB18, JADAD06b, dCJR16, Kal97, KOY05, KDKO, KBDK22, KB21, KSSG16, KS20a, KSO+15, KRC14, KS18a, KS18b, KT17, KK21, KBB11, KCS14, KJLY15, KCKC15, KKC+16, KNNH18, KKK+18, KMG+18, KFF12, KHA22, KF18, KS+18, Kou11, KCV11, KBC21, KR16, LBP+07, LMJ07, LBZ+11, LC02, LM99, LC14, LZC+16, LBL16, LYY18, LLF+18, LLIW18, LFH91, LXR19, LLZ+19, LZLY20, Lia05, LJL12, LJW+12, LF19, LC13, LL14, LTZ+14, LPZ+22, IWCZ22, LCL+23a, LCL+23b, LMDP19, Lot91, LSS04, LG93, LFHS23, LQD+18, MS+12, MR23, MD73, MD74, MSG01, DPB16, Man15b, MS17, Man18, MRM06, MBM09, MMA16, MS00, Mat09, MK19, MN03, MC93, McM11, MG13, MRG17, MN91, MMTM22, MST+05, hTMAC+08, MM19, MP+20, EYGS19, MA07, NZH20].

Virtual [NNK21, NK22, NK10, NOK+85, NAR19, NOR15, NV05, NIA18, OG16, Oi08, OMB+15, ORPS09, FKS+19, PFT+16, PEL11, PSBG11b, PM05, PM19a, PDM20, PFPJ18, PBYH+08, PJZ+19, PCB+18, Piz17, Pon19, PRS16, PV08, Pul91, PS23, uRQS20, RK16, RKT20, RH17, RHR20, RH02, Raj79, RI19, RWC21, RT18, RZ14, Req03, RK18, RFBO01, RJK+17, RGS+20, Rus08,
SZKY21, SBI21, SJB14, SS13, SENS16, SBBP20, SHR19a, SHR19b, SNV10, Sch13b, SSMDG10, SEM+20, SHLJ13, SSN12, SM23a, She91, SJI+12, SJW+13, SWH+13, SASG13, SLC20, SSEA18, SS19, SLO0, SS22, SGGB99, SGGB00, SKC73, Smi97, SYMA17, SJL20, SSL+13, SPAK18, SMI+10, Spi06, SOKE23, Ste14, SSU+12, Str13, Str05, SZL+14, SK13c, SLA+16, SHTE11, Syr07, TZK17, THH+14, TMLL14, TSR19, Tay76, TK20, tTR82.

dVirtual

virtual

[TGCFO8, THG+18, TIIN09, TMMVL12, TB14, TDG+06, Tsa14, TTLC13, Tur84, Vac06, Van98, VT14, Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VEO07, VVB13, VWT13, VDO14, WGF11, WRT10, WUX+11, WQG15, WJW15, WHC16, WCY+17, WXZ+17, WAZ+19, WZZ+20, WYG0, WRO07, WD18, Web10, WKO8, WLG+11, WHW20, WJO8, WCS06, WLL+13, WW77, WSOY09, WRSvdM11, WRS+15, WCG21, XHN21, XJC+14, XJW+19, XHCL15, XST12, XTH13, SK13c, SLL+16, SHTE11, Syr07, TZK17, THH+14, TMLL14, TDD20, TSR19, Tay76, TK20, tTR82].

dVirtual

virtual-machine [HUL06, HPSS04]. Virtual-Machine-Based [JN15].

virtual-time [She91]. Virtualbox [Deu08, Bec09] Virtualisation [Ska07, Apr09, Rob12, SDN09]. virtualised [MPF+06]. virtualisierte [Mar08, Kar07]. Virtualisierung [Spr06, Spr07]. Virtualisierungs-Buch [Tho08]. Virtualisierungslösung [See08a]. Virtualisierungslösungen [PO09]. Virtualisierungsssoftware [Zim05].

Virtualisierungssystemen [Deu08]. Virtualities [Den01]. Virtualizable [GG72, HH13, PG74, PG73]. Virtualization [AFG+17, AJM+06, AP22, AAJD+16, AVNR19, ASL+20, AAT+22, Ahn22, AABEB21, ADWM18, APST05, An03b, AvMT11, Bac11, BE17, BLMP22, BJG19, Ble10, BHEP14, BDR+12, CZL08, CLS07, CGS06, CEPR22, CHW12, CXLX15, CWH+16, CQQL18, CD12, CDD13, CWS14, CLLS12, Chu06, Coh10, Cre09, Cre10b, CGW07, DPLC22, DLEFT18, DMS02, DW14, DPCA11, DLM+06, Don06, DNG+15, DY17, ECET18, EMAL17, ELC+19, FPR+06, Fer11, FDF05, FRD+08, FLZ17, Gal09a, Gal11, GHS17, GW07, GCL+21, Got07, GG11, HD16, HFW07, HTAY21, Her06, HN10, HHC+16, HSN17a, HSN17b, HDM08, HLS17, HB12, HW12, JAD19, JYM+23, JW17, KHW+16, KLY20, KS08a, KSVR23, KMM13, KR18, KS08b, KKS+19, KGS16, Kot10, Kot11, KC12, KLR+20, KLL+22, LH16, LIC+17, LXL+22, LLW+16, LRZ16, LZW+17, LYGG20, LCFL12, LDDT12, MZD+18, MDZ+21, MCC18, MA10].

Virtualization
[MCZ06, MUKX06, MA17, MGL+17, MWHH05, NTR18, NSL+06, NKK+06, 
NsP16, OVI+12, PZW+07, PHL+12, Pap20, PDL+23, PM19b, PZH13, 
PYYG21, PYDG22, PvDS08, PNT12, PST+15a, QNC07, QTR21, RC18, 
RSW+06, RCM+12, R+06, RTL+18, RZPX19, RKRK17, RXW+12, RR09, 
SMP22, SADP21, Sed07, SM06, SN23, SGB+16, SYB12, SABL20, SAT09, 
SIJPP11, SYC14, SWF16, Spr07, Sta07, SKYK16, Swa06, TDMP23, 
ThLK10, TFl6, Tre05, UNR+05, Uhl06, UVL+13, VN06, VN08, WBB+16, 
WDCLO8, WWH+16, WZT19, WC01, WG07, WHD+16, WH05, WLW+17, 
WZL+23, XH16, XYD+18, XML+18, YLT+23, YSS+17, ZDS+22, ZG+23, 
ZSX07, ZQCCZ16, ZYH+19, ZSP+21, ZZW+21, ZZF06, ZAI+16, ZXY+15, 
ZLW+19b, ZKWH17, dGG+17, vdMAT14, vdK09, AA06, AKK+07, AAF+09, 
A+04, AH12, AMIA19, ALW15, AJD09, Ano14c, Ano15, AKCP21, Apr09].

virtualization [AAB+05c, AEB19, ABB+15, ABB+19b, AA18, ABB+19, 
BDF+03, BBD+10, BSL+18, BR14M10, BKR20, B+05, BB08, Bor07, BH13, 
BTLNBF+15b, BTLNBF+15a, BSMF08, B+07, CPM+18, CSSS11, CMGI+23, 
CMG+19, CBER09, CDM+10, CFG+13, CWH+14, CL15, CCZ+06, CCMY07, 
CGL+08a, CGL+08b, CGL+08c, CB10, CMM+06a, CMM+06b, CMM+06c, 
Cia07, Cla05, CBFH20, CM18, CKT08, Cre08a, Cre08b, Cre10a, CB07, 
DLL+16, DBO+18, DYL+12, DCP+12, DS09b, Dre08, EBLM22, EdPG+10, 
ECAE13, FFBG08, FP14, FJKK17, FLCB10, FS08, Fro13, FSH+13, 
GTM+06, G+06, G+05, GTN+06, GAH+12, GTK+17, HLV+10, 
Hal08, Han16, HHG16, HPcC04, HBl+06, ISE08, IMK+13, 
IPRS21, J+05, JM08, JXZ+10, JCZZ13, Kao17, KVV09, KSL10, KKB14, 
Kip21, KWZ+19, KL13, KS20b, Kro09, LPD+11, LD11, LUL+05, LLLE17, 
LW+12, LZW13, LL+18). virtualization [LLX+22]. Virtualization-Based 
[AAB+05c, AEB19, ABB+15, ABB+19b, AA18, ABB+19b].

virtualization-driven [CSSS11]. Virtualized
Virtualizing [BTMS10, Sar16, SB10, SVL01, WRS13].

VirtualKnotter [ZWC +14].

Virtually [Say67, Spi06, WL96, Tre05].

VirtualPower [NS07].

virtuelle [WF03, WR07, WR08, Zim07, Zim06].

virtuellen [CK06a, CK06e, CK06c, CK06d, CK06g, CK06i, CK06j, CK06k, CK06m, CK06l, 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 +16, CCW +20, Com82, CTP +17, DS20, ESY +17, FAA17a, FMJ15, Fis91, FGG14, FL13b, GH91a, G +06, GH12, GPR23, HM20, HKM +18a, HKJ19, HXZ +16, HC12, HW15, IBM94, IYAK23, JFPL16, JFZL17, KN18, LPSS19, LY +20, LBF12, LJZ12, LWLL10, MK22, MSA9, MLA19, NOK +85, NS17, OB78, OJG91, P +08, PDM20, PG17, PG18, RAT17, RSNK17, RSJ +18, STMV18, SSG +20, SHW +15, SM29, SM23b, SBK15, SNC91, SDLB15, TB17, TUM18, TV18, Var91, Wal10, WBHN18, XCSM18, YZLQ14, YKM17, YIJ +21, YWR +14, ZFL15, ZWFX17, ZDLG17, ZSLH17, ZFL +23].

VM-Agnostic [IYAK23].

VM-based [ESY +17].

VM-protected [GH12].

VM-scaling [AB16].

VM-to-hypervisor [NS17].

VM/370 [Att79, Bar73, Bar78, Cal75, Com82, OB78, SM79].

VM/4 [NOK +85].

VM/application [LBF12].

VM/ESA [Fis91, IBM94, MS91, OJG91, SNC91].

VM/Pass [MLA83].

VM/Pass-Through [MLA83].

VM/VA [BN89, Boz89, IBM94].

VMBackup [ZKW16], vmBBProfiler [TZK17], VMbuddies [LH15].

VMDFS [SSEA18].

Vmgem [EGKP02].

VM [LLF +18].

Vmnoppix [Deu08].

VMM [AD18a, ALL06, Car14, DQR +13, DLX +17, KZB +90, LD11, LHAP06, OLZ16, RQD +17, SM90, TUM18].

VMM-based [ALL06].

VMM-Bypass [LHAP06].

VMM-to-guest [LD11].

VMMB [MKKE12].

VMOR [MS18].

vmOS [LLX +17].

VMP [JRN12, FAC +22].

VMPbatter [FLL +13].

VMPants [KZ +04].

VMP [Loy92, LG93].

VMs [KMT14, KJJ +13, PLMA18, RJK16, SEPV19, VS19, ZB18].

VMScatter [CCL +13].

VMSI [TZW17].

VMThunder [ZLW +14].

VMWare [Joo06, CK06f, Ham07, Khn09, KGG00, The08, Zim05, Zim06, Bas04, Bas06, War05, Wil01, AAH +03, Ano03a, Ano03b, Ano07, BBD +10, Bau06c, Bor01, BDR +12, CK06f, Com00, Com03, DS09b, D +04, Gal09b, GKB15, Hal08, Hal09, Her10, HMS17, IIPB09, Kis08, KMK10, Lav10, Low08, Low09, Low11, LMG +14, MRM06, MBM09, McC08, MWHH05, MJW +06, Ng01a, Ng01b, Ng01c, Ng01d].
[AD18b, RB17, dCCDFd015, EB20, FGG14, MPM+20, QXH18, WB16, XYYY17]. Working [NKY+18, ZDLG17, G+88]. Working-Set [ZDLG17]. Workload [IEE02, IEE03, MA19, NASD21, PYYY21, SSB+16, YWW+15, ZWFX17, ZFH+22, EB17, KCV11, SS13, SSN12, SLC20]. Workload-Aware [PYYY21, ZWFX17, EB17, SSN12]. Workloads [BB17, DS09a, GTGB14, IPRS21, LFHQ19, LL14, SMHS18, SMA+10, SWC08, VVV13]. Workshop [ACM98, RM03, ACM05b, IEE01, IEE02, IEE03, IEE04, Mat10, Tho93, ACM01a, ACM04a, ACM06c]. workshops [M+06]. Workstation [Bau06c, Bor01, BDR+12, WF03, War05, SSN94, War02, SLW01]. World [AAR22, Ben21, DF96, GHH+93, WLW+17, BBM09, STS+13]. World-Wide [DF96]. Worlds [AJD09, LUL+05]. Worm [CLW+14]. Worst [HWB03]. Worst-Case [HWB03]. Write [ZZW+21, LFHQ19, LXRS19]. write-intensive [LFHQ19]. Writing [Wes98]. written [MSG01]. WWC [IEE02]. WWC-5 [IEE02]. WWC-6 [IEE03].

x3950 [R+06]. X64 [dGG+17]. x86 [AGS10, BDR+12, CoF99, MT16, MT17, MGL+17, Rev11, AA06]. XA [BN89, Boz89, IBM94]. XBox [Ste05]. XC [GH91a]. XEN [Hin08, PO09, Deu08, Kar07, Mar08, See08a, Tho08, RHIs08, Adj09, Ano15, BDF+03, B+07, CBZ+16, Chi08, CGW07, De 06, DLM+06, Don06, Fis09, Hab06, HFW07, HHH04, IGBK19, Kar07, Ke06, LX+22, MDD+08, MKM+08, MST+05, MCZ06, NB11, NOT+17, PO09, PRS16, QT06, RHZ+17, SJV+05, SHLJ13, Spr06, Spr07, TC10, VS06, WG07, dSOK17, vH08]. Xen-based [CBZ+16, dSOK17]. Xen-Basis [Kar07]. Xen-virtualisierte [Mar08]. XenEnterprise [CGW07, WG07]. XenExpress [CGW07, WG07]. XenServer [CGW07, WG07]. Xeon [GGK19]. XHive [KJL11]. XHPC [M+06]. XINU [BWP95]. XIVE [AA18]. XML [Int06c, Kha19]. XPL [Kan75]. XSA [Ano15]. XScale [CMP+07]. xSeries [R+02]. XTREM [CMP+07].

yang [CBGM12]. Years [FS12, BJG19]. yieldpoint [LWB+15]. yin [CBGM12]. York [ACM03b, IEE90b, IEE96b, IEE90b]. Yountville [Tho93]. Yourself [AZEE17, AZEE18].

References


Alpern:2005:JRV


Alpern:2005:PVE


Armstrong:2005:AVC


Ayoubi:2017:RMC


Adeshiyan:2009:UVH


**Ahmad:2003:ADP**


**Al-Ayyoub:2016:VBC**


**Aryania:2018:EAV**


**Aroca:2016:PEA**


**Alqahtani:2021:ECR**


Luca Abeni, Alessandro Biondi, and Enrico Bini. Hierarchical scheduling of real-time tasks over Linux-based virtual ma-


Abramson:1980:WGL


Abramsky:1982:SMV


Anderson:2012:MAN


Ambriola:1995:DVM


AzanonEsteire:1998:JST


Anjo:2016:DML

REFERENCES


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Ackerman:1992:SIE


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Asvija:2019:SHA


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this bug that allows memory pages to leak between Xen virtual machines on the same physical host: “... the bug is a very critical one. Probably the worst we have seen affecting the Xen hypervisor, ever. Sadly. ... it is really shocking that such a bug has been lurking in the core of the hypervisor for so many years.”.


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