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

$32.95 [Ano97a]. 5 [ALW15, HH18]. \text{T}^M [Cza00]. \text{T}_P [LTK17]. d [XDL15].
HV^2M [CBZ16]. n [WZKP19]. \omega [Arv02]. \Pi [Syr07]. V^2 [DG05].$

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

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

/CLI [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06]. /dev/random
[ Fer11].
0 [Sim92, SCP93]. 0.9.0 [WR07]. 0.9.1 [WR08]. '01 [Ano00, Ano01a, Ano01b, USE01c, USE01d]. '02 [USE02]. '03 [ACM03b, Ert03]. '04 [Ano04a, Ano04b]. '05 [ACM05d, Vra05].

1 [Fli77, Pul91, Sch94a, WDSW01]. 1-4 [Ano06a]. 1.x [KGG00]. '10 [Ano10, Gal73, See10, VSC10, YCL18]. '10.0 [Bau06b]. '10GE [HB12]. '11 [IBM76a]. '11/60 [SP83]. '1100 [Kam75]. '11th [ACM04a]. '12th [IEE85]. '14-16 [ACM06f]. '148 [Ano15]. '15th [ACM06b].

2 [Bri98, Com00, Com03, Kis08]. 2-Level [ZSR+05]. 2.0 [Fra06, Ng01a, SUN97]. 2000 [ACM00]. 2001 [ACM01b]. 2003 [RM03, ACM03a, ACM03b, IEE03, Int05a]. 2004 [ACM04a, ACM04b]. 2005 [ACM05a, ACM05b, ACM05c, Wil06]. 2006 [ACM06c, ACM06b, ACM06d, IEE06b, IEE06a, Int06b, Int06c, Int06a]. 2008 [Lar09]. 2010 [Ano10]. 2011 [LCK11]. 2018 [Kol19]. 20th [IEE06a, Vra05]. 21st [IEE05]. 23272 [Int05b]. 26th [ACM99]. 29-state [Sig89]. 2nd [Ano02].

3 [Mc708, PO09, vdK09]. 3.0 [MRGB91]. 3.1 [Bau06a, Skr01]. 3.5 [Fra09, Hog08]. 32 [Ano14b]. 32-bit [VED06]. 335 [ECM01, ECM02, ECM05, ECM06]. 360 [Kam75]. 360/40 [ABCC66]. 370 [Att79, Bar73, Bar78, Ber86, Cal75, Com82, GLC84, Gum83, IBM72, IBM73, IBM76a, IBM76b, McC74, Obi78, 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, ZLZ21a]. 5L [Mly09].

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

7 [HH08]. 7th [Tho93].

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


Aggregation [JZY+22]. Agile [GHS16, GHS17, IMK+13, ZLZ+21b].


ALEP [Sim92, SCP93]. ALEP-0 [Sim92, SCP93]. Alfa [WDSW01]. Alfa-1 [WDSW01]. Algorithm [AAR22, AAK18, BP99, LSC+17, LIWM23, LW16, LW12, LW20, WCC20, ZHL16, AHRR22a, BB20, BRS+22, EB20, FS19, GGQ+13, GH20, GA18, HAK22, Hog02, HS13, JGA+88, LKR+19, LZC+16, MM92, MS17, MMTM22, MHH19, NAR19, PC21, PKS+19, QBL+23, RGAT18, RH17, RT18, SB121, SEM+20, SS19, TMLL14, Tho68, WBW+19, XWW+21, XXWG23, YLCH17, YYY+19, ZYLY18].


Alignment [EDS+15]. allocate [LLF+18]. allocating [MMTM22, XHW+19]. Allocation [BFM+21, CWL12, CPST14, Do11, GLBJ18, HKLM17, HLPY16, JFPL16, KRS+17, KCY22, LLZ18, Man15a, NMG15, NHH22, PCC+16, SJ21, SDM21, VTV16, WTJR22, XSC13, ZWFX17, ZLG+20, CEPR22, CPST15, dCCDFo15, DEG+17, EdPG+10, GLJJ16, GLW23, HMM17, HHH19, JWH+15, JC18, KDK20, KS20a, LJJY15, MLY09, RNA+22, RCTY19, SG13, THH+14, WGGY20, YGLY21, YYY+19, ZG13, ZLH+15, ZWC+19].


AMD64 [Ano14a]. American [Boa90]. among [CDN02, LLF+18, LTZ+14, TtLcC13]. amplifying [DP11]. Analogy [Gal17]. analyses [BNS18, HB13]. analysing [PV06]. Analysis [ACM05a, BE17, BFG+14, BDG18, CC77, HT98, HKM+18a, HB17, HWB30, JKK+13, KNT02, LCK11, MM93, NMS+14, Ost94, R100, RRB19, SM02, TKG89, VP16, WH99, WDL+20, WLS+18, ZTA+21, ACM01a, AHH+03, AMIA19, BBM09, BMER14, CBFH20, DD20, EBJ17, EMS15, FX06, GP13, GPW03, KS+20, KSS+23, KS20a, LTZ+14, MD73, MD74, MSG01, PFCN20, RRB17, RGS+20, SBS11, TLX17, WUN13, YJJZ12, YSM+21, ZMD+21, DHPW01].

Analysis-Driven [ACM05a]. Analytic [Bar73, Bar78]. Analytics [IGBKR19, KKE19, WTM18, KB17]. Analyzer [Ano03a, SLJ13].

Analyzing [CVWL13, PV08, ZDK+19]. ANCS [HLPY16]. Android [CXL15, KLF+15, MM+20, STY+14, THC+14, ZYH+19]. Anemia [RHV17]. Anemia-Like [RHV17]. Angeles [ACM06c, EIE84b]. Animated [PCR89]. annealing [RH17]. Annotated [MR04, RSF03]. annotation [ANH00]. annotation-aware [ANH00]. Announcement [Ano00]. Annual [ACM06a, Ano10, EIE85, IE05, MS91b, Shr89, USE00a, USE01a, USE06, ACM06a]. anomalies [FRM+15]. anomaly [Hui18, MW18, SIK+16].

Anonymisation [V18]. Ant
[AAK18, PAC+22, AP18, FS19, GGQ+13, ZFL+23]. **Antifarm** [JADAD06a].
**Anti** [SMA18, AKCP21, Sta07]. anti-debugging [AKCP21]. **Anti-P2P** [Sta07]. Anti-Virtual [SMA18]. anti-virtualization [AKCP21]. **Antonio** [ACM99, USE01b]. **Anwendung** [Bec09, Bor01, Wf03, Zim06]. **Any** [WL96, FIF+15]. **AOT** [WKJ17]. **APA** [JNR12]. **Apache** [FRM+15]. **apart** [LBF12]. **API** [Ano14c, SM23b]. **APL** [Alf91]. **App** [ZYH+19]. **Apple** [Sam22]. **applets** [Wes98]. **Appliance** [See10]. **Appliances** [BRX13, ZZW+21, AEMWC+12, BSM+12]. **Application** [AJ18, AW17, BB17, BCZ19, CHW12, cCWS14, Cza00, HM17, KNT02, KLF+15, LWC+17, LPZ+22, MD73, MD74, PCW+16, TB17, WGW+18, ZYH+19, AS14, BBS06, IBM88, Int88, IBM96, JSK+13, JCCZ13, JDJ+06, Kag09, Lia05, LBF12, LLs+08, MRG91, SE12, SwcCM12, SAG13, SL00, ZS01, ZBG+05]. **Application-Aware** [AJ18]. application-specific [ZS01]. **Application-transparent** [AW17]. **Applications** [Ano99b, Ano03a, BAL15, Boa00, DSM+18, DJS+17, FBL18, HHV+02, HSK17, HC17, HCB18, IEE05, JW17, KKS+19, LGJZ16, LHS+22, LH15, NKK+06, Par71, PLMA18, Pio13, PY93, SN23, SS05, TR88, VP16, WLS+18, WZKP19, ZL1+20, AS76, Al91, AC16, AB16, ACT94, ABC+07, BD11, BPM+22, BSN20, BTLNBF+15, BR18, BOF17, BFS+18, DMH18, DBC+00, EBLM22, EF94, EMS15, GHD12, GTN+06, GH1+03, GLQ+13, GJ+19, HKS19, HcC14, HKD+13, HSC15, JPTF94, KRC+12, LCL14, LF19, MCC18, MA19, NBS18, Dol12, PTN+15, RNA+22, R+13, RSLAGCLB16, Sólky21, Sch13h, SGV12, SZ88, TDG+18, TV18, WDC+08, WXY+19, YYY+19, YGN+06, ZBP05, ZNSL14]. **Applicative** [AS85a, Abr82, AS85b]. **applied** [MM92]. applying [CSSE21]. **Approach** [ARAAA19, BC19, BFG+14, BRX13, CFM+17, CLW+14, Cox09, DPCA11, DM75, EMAL17, Fie98, FPS+02, FML+22, Jen79, JQWG+15, KC16, KAH83, Mad69, MP16, MSC+21, NLPV12, NSJ12, SDD+16, VN06, Wjo17, WVT+17, WJ1R22, XD17, YYY+23, ZTWM17, AHRTR21, ADW18, BMI+13, BH+05, CGL+08a, CGL+08b, CGL+08c, CBZ+16, DS22, GKP+19, GLJ16, HLBZ20, kW13, KKB14, KF18, LH13, LU04, MD73, MD74, MK22, MAK18, MA21, NZH20, PSC+07, PJ+19, Pon19, RWC21, SENS16, SHR19a, SHR19b, SEVP19, Tzk17, Tsr19, XHCL15]. **Approaches** [BAL15, FMI18, HM20, JK15, EYGS19, TIN09]. **Approximate** [ZRS+16]. **Approximation** [GLW23]. **apps** [MMP+12]. **April** [Ano01b, IEE84a, USE01c]. **Arbitration** [SKJ+17]. **Architecting** [SYC14, TZB19]. **Architectural** [DLLN18, DCP+12, Gh73c, Jk02, NMH15, PJZ18, PEC+14, SL12, CFS+12, DLL+16, PAKY16, RVJ+01, WLL+13]. **Architecture** [ASMA21, BBD+91, BKM+87, BDR+12, Bg73a, CAF+91, DAH+12, DSM+18, Dso09a, ECET18, EMW16, G+05, GoL73a, GCL13a, Gum83, Han73, Hw93, Hsu01, Hwch16, IEE85, KZB+90, Kee77, Lw73, LMG00, LMG01, LGR+14, MSS+15, PCC+16, PK75a, RC18, Rev11, SJV+05, SADP21, SBS03, SN05a, SJ+17, SWF16, Sun99, TR88, TV12, Tur92, Uhl06, WIS+15, You73, ZL18b, ZGW+21, ZGW+06, Ano94, Ber86, Br01, BNS18, CCL+17, CLDA07,
average [LDL14]. avionics [ABC+07]. Avoidance
[HS19, LYS+18, AHRR22a, OG16, PC21]. Avoiding [BLRC94]. Award
[War11]. Aware
[AJ18, AAK18, BMS16, BL17, CWI+16, CGC16, CWL+15, CTP+17,
CYX+17, CHL18, Do11, EGR15, EVCL21, GCL+21, HC17, HTB22, HPP15,
JJK+11, JQWG15, KL14, LMM18, LXL+22, Man16, MA21, PYY21,
PHC20, RI17, SDI+16, TB17, XLL+14, XLJ16, XLWX19, XZL+20, YLH17,
ZWF17, ZGC+17, ZLZ21a, ZWL+18, dSdF16, ABBJ23, ADA+19, AO16,
AMBI7, ANH00, BSNB20, CD14, CCL+20, CLL+23, DYM+17, DCMW17,
EB17, FZS+20, FA21, GLK+12, GA18, HKS19, HZL+18, HH18, HH19,
HBBZ20, HSL15, IRB19, IKU15, JNY12, JC18, KN18, KB16, KBKD22,
KB21, KKB11, KCS14, KR16, KLF+15, LYY18, LYY+20, LWL16,
LWCZ22, LCL+23, LOD+18, MMTM22, MHL19, MA19, PC21, PFPJ18,
PS23, RNA+22, RKT20, RH17, RHZ+17, SSB+14a, SHR19a, SHR19b,
SSN12, SGV12, SLI+14, SK13c, TDD20, WIS+15, WCC+16a, WDT18].
aware [XCJ+14, XWW+21, XLWX19, XXWG23, YRJ15, YQQ19, ZHHC17,
ZHWS+19, ZFL+23, ZWH+17, ZSRR22, JZY+22]. Awareness
[ZHL16, LCL14]. Azure [Fab13, RHV17]. Azure-Based [RHV17].
B [Req03]. B5500 [Ham76]. BA [KSS+20, KSS+23]. Back [KS08b],
backhaul [MCC18]. backpropagation [RWC21]. Backup
[AAC16, KS+17, ZXS16]. Backup-Sharing [AAC16]. bad [RY10]. Bag
[VS19]. Bahamas [An099b]. balance [YWH+23]. Balanced
[LLW+16, DS18, XZK+20]. Balancing [ARAA19, CGC16, CL16a, DY17,
Gua14, HPP15, K19, LW12, LYS+18, MKKE12, WWH+16, WTL+16,
YWR+14, Br94, GH20, KAZS14, TF16, Vac06, XH90, XTB17, ZWL09].
Ballooning [LJL+15]. Baltimore [An093]. Band
[ZXZ07, PBYH+08]. Bandwidth [ELC+19, KDK20, LJFS17, LWZ+18, YLH17,
ZRS+16, BAC15, GLL16, LZW+15, THI+14, WQG15, WX15]. Bandwidths
[LMM18]. bank [PAKY16]. Bare [AGH+16, OSK15, GAH+12]. Bare-metal
[AGH+16, OSK15, GAH+12]. barrier [Rix08]. barriers [LM99]. Base
[UOKT84, WH08]. baseband [KZW+19]. Based
[AAY18, Bad82, BAL15, BE17, CW12, Cap21, CHW12, CLW+14, CD12,
CDD13, DPCI22, DF96, ECET18, FD08, GGG03, HKM18b, HWW18,
JFPL16, JN15, KP15, KLR+20, KAZS14, LW11, LP14, LKL+19, LCT+15,
LWM23, LGZ+19, LW12, LZW+17, LQM+20, MIJ+14, MTFK19,
MGL+17, NASD21, NL19, OVI+12, PdS08, Ran02, RZPX19, RY17,
RXW+12, SJY+05, SXH+19, SDM21, SHZ+14, SKJ+17, TV12, WBS1,
WLS+18, WTM18, YWR+23, YFW+15, YLY+15, ZDK+22, ZQCZ16,
ZLZ+20, ZXY+15, ZB20, vLSM01, AD18a, ABB19a, AHRR22a,
AAJD+16, Ano96, Ano06a, AB16, AAM+11, BD11, BLMP22, BL17,
BSNB20, BY20, BNS18, CL17b, CBJ22, CPM+18, CEPR22, CVWL13,
CGL+08a, CGL+08b, CGL+08c, CWC+14, CBZ+16, CLC13, CPST14,
CPST15, CRFSS19, CGV10, CR16, DD20, DP11, DS18, DC15, DLH+20,
based [FS19, FMJ15, FLCB10, FF96, FL13b, GTGB14, GDSA+17, GH20, GR15, H20, HKJ19, HO22, HOKO14, HWCH16, JFZL17, Kag09, Kam13, KLY20, KS13, KS20a, KRCH14, KKB14, KDB16, KK21, KM13a, KM13b, KJM+07, KKJ+13, gKEY13, KLM+22, LMJ07, LBL16, LYYY17, LYYY18, LXRS19, LLZ+13, LLP+23, LC13, LPZ+22, LWCZ22, LCL+23, LMDP19, MCC18, MPA+18, MW18, NAD1+20, NS17, Oi05, Oi06, Oi08, PFH+16, PDM20, PGLG12, uRQS20, QZDJ16, QBL+23, RGAT18, RH17, RHR20, RG19, RT18, RAP19, RCTY19, SJB14, SENS16, SG10a, SEM+20, SGV13, SM23a, SS19, SM23b, SPF+07, SYC14, SXMX+18, SOKE23, SV17, SCFP00, Sto07, STT96, THB22, TG14, TSCB19, VGL23, Vog03, WKT08, WDCL08, WHCZ17, WBW+19, WGY20, WW77, WYZAD20, XZ11, XZZ+16, XJR+17, XWZ+17, YXYX17, XA22, YS98a].

d[FS19, FMJ15, FLCB10, FF96, FL13b, FTGB14, GDSA+17, GH20, GR15, H20, HKJ19, HO22, HOKO14, HWCH16, JFZL17, Kag09, Kam13, KLY20, KS13, KS20a, KRCH14, KKB14, KDB16, KK21, KM13a, KM13b, KJM+07, KKJ+13, gKEY13, KLM+22, LMJ07, LBL16, LYYY17, LYYY18, LXRS19, LLZ+13, LLP+23, LC13, LPZ+22, LWCZ22, LCL+23, LMDP19, MCC18, MPA+18, MW18, NAD1+20, NS17, Oi05, Oi06, Oi08, PFH+16, PDM20, PGLG12, uRQS20, QZDJ16, QBL+23, RGAT18, RH17, RHR20, RG19, RT18, RAP19, RCTY19, SJB14, SENS16, SG10a, SEM+20, SGV13, SM23a, SS19, SM23b, SPF+07, SYC14, SXMX+18, SOKE23, SV17, SCFP00, Sto07, STT96, THB22, TG14, TSCB19, VGL23, Vog03, WKT08, WDCL08, WHCZ17, WBW+19, WGY20, WW77, WYZAD20, XZ11, XZZ+16, XJR+17, XWZ+17, YXYX17, XA22, YS98a].

basic [A04].

basierende [Deu08].

Basis [Kar07].

Batch [KMM13, LD05, SS13].

Batched [GLL+20].

bathymetry [MMG+18].

Bay [Ano10].

Bayesian [LYY17].

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, Wo99].

behavior-based [SEM+20].

behavioral [CL17b].

Behind [Cra98].

Belgium [ACM04a].

Benchmark [DP19, WZT19, GFW03, SMSB11].

Benchmarking [CGS06, RO16, AHK+15, FLM+08, KJ13, ZS01].

benchmarks [LJN+00].

Benefit [HB14].

Benefits [KWZ+19, LS15, SIRP17, CM18].

Berkeley [USE01c].

Best [B+07, BY20, GHS16, MS17, Sch13a].

best-fit-decreasing [BY20].

betreiben [RMH08].

Betriebssystem [CK06a, CK06b, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06n, CK06o, CK06p, CK06q, CK06r, CK06s].

Betriebssysteme [WR07, WR08].

Better [MW05, Com00].

Between [Jen79, KLLT18, ZLHD15, BDJdS02, BRS18, CL17a, GLQ+13, GSW+17, KGS16, Mal73, EYGS19].

Beyond [FPS+02, ACM04a].

Bias [Lee16].

biased [ABDD+91].

Big [ECET18, GTS+15, MSG14, WTM18, BOF17, DXM+17, LMDP19].

Billing [RB17].

Bin [BB17, GR15, SXCL14, XDL15].

Binaries [PA21].

Binary [BG18, KLF+15, WMUW19, ZLM15, dGG+17, HLW+13, JYW+13, PGLG12, vKF13].

BIND [SEC10].

binding [KW13].

biophysical [ZL+16].

biogeography [ZL+16].

biogeography-based [ZL+16].

biology [Wu13].

Biopolis [Ano06a].

bird [Guy14].

Birth [NOT+17].

bison [Kag09].

bison/flex [Kag09].

bit [VED06, VED07].

Bitcoin [HB14].

BizOps [FBL18].

Black [NMMP15, VVV13, EB20, TCK17, WSVY09].

black-box [TCK17, WSVY09].

Blackboxes [KB+21].

blackhat [SKA07].
Blending [VSMC23], Blessing [Kot10, Kot11]. Block
[Sch94b, Sch94a, TLB12, ZLL+20, Zyt94a, Zyt94b, FFBG08, FLBC10, LLE17, TKG89, WF07]. block-device [FFBG08]. block-level [FLBC10].
block-paging [TKG89]. Blockchain[CQLL18, DMH18, TDM23, XKKL23, XJR+17]. Blockchain-based
bodies [AGIS94]. Bolton [ACM03b]. Book [Ano97a, Fro13, Lar09, Van98, B07, TC10, War02]. books [Van98]. boost
[CBZ+16]. boosting [AC16, LKY+17, PGL12]. Boot [RP07]. Boston [IEE85, USE01a, USE06]. Both [ZHL16]. Bottom
Brewing [WZL+18]. Bridge [Men03]. Bridging [ACM04b, FL13a, GSW+17]. Brighten [Vra05]. bring [XKY+11]. Bringing
[YML+18]. BSD [WF03]. Buch [KGG00, Tho08]. buddies [WTL+09]. Budget [BE17, RB17, SJJ+21]. Budget-Driven [RB17]. buffer [JADAD06b].
buffers [CFG+13]. Bug [Ano097b, Ano15]. Build [Kol19]. Building [AAB+05a, CGM17, DBC+00, DF96, HWCH16, PEC+14, SJV+05, See10,
[SUH86].

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, ZB18, Blu02, CGW00, G+01, Hee07, Hog06, Hog08, JM08, Men03, Siv07, Wil06]. C# [G+01]. c-mean
[ZB18]. C/C [Blu02]. CA [ACM06a, ACM06c, Ano97a, IE84b, IE93a, USE01c]. Cache
[HS21, JQWG15, KR18, NSP+16, RH02, SDS+21, TBS17, vSMK+20, Boz89, JADAD06b, Oi05, RJK16, ZP14, AMA18]. CacheInspector [SDS+21]. CacheOut [vSMK+20]. caches [BLR94]. Caching
[AMA18, ASMA21, KJL11, LGZ+19, MM93, LM99, XWX+17]. CAFE [ZFH+22]. Calculations [Bad87, Hol95]. Calculus
[ABV12, Wat86, Wat87, WK90]. Calif [ACM01b]. California
[ACM05a, Ano01b, Ano04b, Ano10, IE96a, IE97, IE99, USE91, USE99, USE01c, USE02, IE84a, IE90a, IE91, 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, HMIH17, LYGG20, SJ21, WUK+18].
capo [SMSB11]. Capping [HSK17, JKK+13]. Capture [SCFP00].
capturing [BKC+13]. Card [Siv04, SUN97, HM01, Req03, JCV99]. cards [GLV99, TLBW12].
carrier [FZS+20]. carrying [FCG+05]. Cascade [YYL+15].
cascading [HL13]. Case [GGG03, HBL+10, HWB03, Ian14, PK75a, PS19b,
vCPWvT11, GGK19, HIIG16, MN03, RK18, Sig89, SIRP17, Vit14].
Case-Based [GGG03]. Cases [FG91]. Cassandra [FRM+15, SLC20].
Catalyst [Ano03a, GMK17]. Catching [SXH+19]. Categories [Gal75].
catering [RNA+22]. causes [FRM+15]. CBase [ZLZ+19b]. CCAP
Center [Ano93, Car14, CGC16, DY17, FLM+22, IEE90b, PCC+16, WN17,
WXJX15, ZDK+22, CML+23, HKB19, HUWH14, IRB19, KBDK22, LZW+15,
Man15b, MRM06, MBM09, NTH+17, RGS+20, TDD20, VOS12, WDC08,
WZV+13, YPLZ17, YGLY21, YLJ22, ZLZ+19b, ZWH+17, Car13]. Centers
[AJ18, AAF21, AGC18, BB13, CL17a, CTP+17, EGR15, HTW+19, HO22,
JFPL16, KMM13, LMM18, LVM16, LLWM23, Man15a, Man16, SB16,
YH17, YWW+15, ZHL16, dSdF16, ARA18, ARA20b, ARA20a, AD19,
AJBJ23, AGH+15b, AGH+15a, AHRR22b, ATZP21, ATS16, AMAB17,
ARMMA18, BB12, CFRSSR19, DLH+20, FLL+13, GH20, GSKJ18, HM20,
HTB19, HLBZ20, IKU15, IPRS21, KDK20, KTB17, LZC+16, MAK18,
MM19, NZH20, PC21, PVR14, Pon19, uRQS20, RK16, RH17, RT18,
RK18, RJK+17, RGS+20, SB21, SHR19b, SBU18, SS19, SM23b, WCY+17,
WHW20, WTLS+09, XLQL18, XXWG23, SHIR19a. central [Fis91].
centric [AAMBE21, PAKY16, SBBP20]. Certain [Han73, JHS12]. Certains
[Han73]. Certified [Khn09, IIPB09]. CÉU [SIR+17]. Chain
[EMAL17, GR20, HJG18, LW20, MTFK19, MSC+21, RH17]. chain-based
[RH17]. chained [TSN+23]. Chaining [AP22, GGK18, KBK+21, LLW+16,
LYL21, MP16, WCC20, XZL+20, GHM+18, LKR+19, SHB19, TSCB19].
Chains [FRM+21, JWL+18, KLLT18, PHXL19, ZLZ+21b, NRS92, RHR20,
XHW+19, YXL+20]. challenge [STMV18, Sam22]. Challenges
[AAR20a, AFG+17, AP22, Cap21, Car23, JW17, KK19, MZ20, Nie12,
SABL20, SG10b, AEB19, BCZ19, CM18, FJKK17, JAC+19, LDDT12, MA10,
MA17, PCB+18, TIIN09, ARA20b]. change [ZL13]. Changing [Mac79].
Channel [LGR14, TTH+19, LF19, MN03, WXW15]. Channels [Hu90].
characteristic [CJ+22]. Characteristics [SHW+15, CWC+14, CCW+20].
Characterization [AMA+14, CGS06, DS09a, IEE02, IEE03, NASD21,
ACM06c, RVJ+01, SSB+16, TSN+23]. characterize [LJN+00]. Chatten
[Joo06]. **Cheat** [Rul07]. checking [BHSB14]. **checkpoint** [BBHL08, EBLM22, GPS+18]. **checkpoint/restart** [BBHL08, EBLM22].

**Checkpointing** [ECJ+16, ZLW+19b, PEL11, SGL12, TSLBYF08, dSOK17]. checkpointing-enabled [SGV12]. chemical [KK21]. **Cherub** [JCZZ13].

**Chez** [FFD+19]. **Chicago** [ACM05d]. **Chicken** [PS23]. **Chip** [GGM+16, Mon97]. **Chips** [FRD+08, IEE97, IEE99, IEE96a]. Choices [NRF19, XDL15, Ano93]. **chromatin** [MFT+19]. **CICS** [R+13]. circuit [Bur02, KKC+16]. **Circuits** [NLD+23]. clairvoyant [KS18b, ZLW+19a].

**Class** [LCW+11, LB98, Pat12, SS17, Won97]. classes [Bo07, OKAM17, SKr01]. classical [SGS92]. **Classification** [VLZ16, CWC+14, YSM+21]. classification-based [CWC+14].

**CleanCach** [VTW16]. **CLI** [ECM01, ECM02, ECM06, ECM06, Int06b, Int06c, Fra06, Fra09, Hee07, Hog06, Siv07, SNS03, VOG03, Wil06]. **CLI-based** [Vog03].

**Client** [RSW+06, DPW+09, HIIG16]. **CLIP7** [ Lau87]. clock [DCA17].

**Clones** [ZCJ+21]. **Cloning** [LCW+11]. **Closing** [ZLHD15]. **Cloud** [AJ18, AVNR19, AAAF21, AAR22, AGC18, AD18b, ASSB18, BB13, BLMP22, BCW20, BHEP14, CWL12, CPKL17, Cap21, CPS17, CZH+19, CTP+17, DSW+18, DKW15, ETAB22, ELC+19, FBL18, GB19, GLS15, GSW+17, HMI17, HKLM17, HW12, JE12, JQW15, JW17, KC16, KKE19, KSVR23, KCY22, KMM13, KAZS14, KK19, LCW+11, LKIL19, LGR14, LGJ+18, LSSC22, LLWM23, LW12, LH15, LWZ+18, LS15, MSG14, Man15a, Man16, Man18, MJW+14, MZ20, MPA+18, MB20, NLPV12, NS12, NHL22, PJJ18, PHXL19, PCW+16, PXG+17, PS16, PCC+16, PG17, PG18, RSNK17, RSGG15, RWX+12, SL14, Sar16, SJS+17, SC18, SZW+16, SV13, SB18, SXCL14, TB17, TVKB16, TMMV12, VGL23, WDL+20, WVT+17, WUNK17, WUK+18, WLS+18, WTM18, XSC13, XWJX15, XL+14, XLJ16, XLMX19, XLL+20, XRL+22, YLN+17, YP15, ZDK+22, ZDS+22, QZCZ16, ZL16, ZCG+17, ZL18b, ZLZ+21b, ZWL+18].

**Cloud** [ZB20, ZH16, ZLW18, AR18, AD19, AJJB32, AGH+15b, AGH+15a, AHRR22b, ATZP21, ADA+19, AB16, AO16, AMA+14, ATS16, AB17, ARMMA18, AP18, AEB19, AA18, AAC+17, BB20, BD11, BTMS10, BG12, 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, FAA17a, FAA17b, FS19, FA21, FPBK18, FMIF18, Fro13, GGQ+13, GUTB14, GDSA+17, GH20, GLK+12, GJK+19, GA18, HS18, HZL+18, HTB19, HAK22, HLBZ20, HS13, Hui18, IRB19, IKU15, JES+15, JWH+15, JC18, KN18, KDEK20, KBDK22, KSS+20, KB21, KSS+23, KSO+15, KSR10, KS18a, KMT14, KTB17, KK17, KC18, KLJY15, KCKC15, LLW+12, LZW+12, LZC13, LZW15, LZC+16, LLF+18, LIW+18, LCL14, LS14, LL14, LTZ+14, LPZ+22].

**Cloud** [LP11, LPBB+18, MR23, MK22, Man15b, MNA16, MK19, MMTM22, MW18, MA21, MA17, MHM19, MA19, MPM+20, MMG+18, NZH20, NK21, NAR19, NS17, Nie12, NIA18, dOL12, OL13, PKS+19, PAKY16, PM19a,
PDM20, PFPJ18, Pon19, PS23, uRQS20, RK16, RKT20, RGAT18, RH17, RHR20, RG19, RWC21, RT18, RQD+17, RK18, RJK+17, Ros14, RGS+20, SZKY21, SSG+20, SB121, SHR19a, SHR19b, SG10a, SEM+20, SGV13, SM23a, SASG13, SEA18, SM23b, SBP+17, Str13, Tzk17, TMLL14, TDD20, TUM18, VT14, WCY+17, WGY20, WB16, WLL+13, WRSvdM11, WRS+15, WXW15, XHL+13, XZ+16, XTB17, XLWZ18, XZK+20, XA22, XXWG23, YLH14, YLHJ14, YLC17, YW20, YJZ+21, YBZ+15, YWH+23, YRJ18, ZWKX17, ZY+18, ZLZ13, ZWHC17, ZWC+19, ZFL+23, ZWH+17, ZYLY18, ZSR22, BB12, CD14, CFVP12, CMG+19, KKB14.

Cloud [KBB11, KMG+18, XYYY17, SJL20].

Cloud-assisted [ZYZ+18].

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

Cloud-Computing [ZLZ13].

Cloud-Distributed [AB16].

Cloud-Edge [KSVR23].

Cloud-Internet [KB21].

Cloud-of-Things [CMG+19].

Cloud-Oriented [Beg12].

Cloud/Virtual [YP15].

ClouDiA [ZLV+12, ZBS+15].

cloudbased [YBZ+15].

Cloudlets [RSN+18].

CloudMon [WLLZ16].

CloudNet [WRSSvdM11, WRS+15].

Clouds [AD11, CRZH15, ESY+17, HTB22, HKM+18b, HLPY16, HKKW13, HS21, KMK16, KDB16, KPHA20, Kov19, LWLL10, LLZ18, MLXG19, NMG15, OG16, OSK15, RG17, RB17, SBBP20, SDS+21, SCL+19, WZL15, WLLZ16, WHL+17, YWY+17, ZHH15, ASB18, BB15, dCCDFdO15, DXM+17, FBZS12, FGG14, HZZ+14, KMK10, KR16, LMV12, LBZ+11, LLW16, LLZ+19, PPO14, QXH18, RCTY19, STMV18, SYMA17, TSCB19, VSMC23, XJWW15, ZG13, ZLH+15, ZLW+19a, ZB18, ZLY+12, ZBS+15, EMS15].

Cloudscheduler [BCW20].

CloudSim [OBSR16].

CloudSimSDN [SHB19].

CloudSimSDN-NFV [SHB19].

Cluster [CL16b, GKP99, LLZ18, SEF+06, TLC06, ZCG+17, FLCB10, KJLY15, LJJ12, SBP+17, SSN94, WDT18, WLG+11, XLQ18, YLHJ14, YCL+18, GWZ16].

Cluster-Aware [ZCG+17].

cluster-based [FLCB10].

Clustered [DJS+17].

Clustering [ARAAA19, ZCG+17].

Clustering-based [ZCG+17].

Clusters [CHHY17, GSW+17, LST15, LW16W17, PSM+15, YWCF15, ZLW+14, AO16, CP17a, Fu10, HCJ07, Koy05, KS18b, PRS16, RHR20, SJ+12, ZWKX17].

CMD [CWC+14].

CMI [MPM+20].

CMS [CSN91, IBM96].

CNC [Lia05].

Co [DCG12, HS06, LLZ16, LH16, WIDP12, CCW+20, LF19, OG16, WU13, WVGHS13, YU20, THB22].

Co-Design [LH16].

Co-Designed [HS06, DCG12, WU13].

Co-evolution [WIDP12].

Co-Located [LGZ16].

co-located [OG16].

Co-Location-Resistant [THB22].

co-resident [LF19].

co-scheduling [CCW+20, WVGHS13, YU20].

COBOL [IBM88, Int88, TT96].

Cocoa [YLN+17].

Code [AC98, CDN02, Dom80b, Fra83, GHF82, GHF83a, GHF83b, RJK16, VFG16, WKF16, WNL+83, Ano15, DNR06, EL98, FC98, FCG+05, HK07, HLW+13, JM08, NG13, PV08, tTR82, UTO13, WKF17, WGF11, Cox12].

code-copying [PV08].

Coded [ZLL+20].

Codesign [KAJW93].

CodeWeavers [Ano03b].

Coding [CFLL19, Huo01, IMBB20].

Cognitive [SN23, ZYZ+18, AAD+16].
Tur92, WR07, WR08, ZR06, Ågr99, BR01, DG05, DTW07, DCA17, FFB+00, GE85, GD08, Hog02, Jou85, Jou07, KW80, LBP+07, ME87, MS01, Pou90, Ros06, Skr01, Spi06, SST2, Sus76, WO75, YYP01, Yur02, Mon97, Osb01, War11. **Computers** [BP99, BKMM87, BS90, KD78, MSS+15, Say67, HP77, SGGB99, SGGB00]. **Computing** [ACM98, ACM04b, ACM05b, ACM06e, Abr80, AAMBE21, AGC18, AD18b, BMJ+22, BCW20, BHEP14, CWL12, CPKL17, CFM17, DDS+94, DPCA11, Gei02, GB19, HCB18, HW12, IEE96b, IEE04, IEE06a, IBBA20, KC16, KGZ+04, KK19, LCK11, LW12, MSG14, MZ20, MO98, NLPV12, NSJ12, PCW+16, PXG+17, PLZ20, PS16, RCM+12, RSNK17, RSN+18, SSSL2, Szw+16, SEF+06, SB18, TLC06, USE93, VOG03, WDL+20, WB81, WCC20, WMT18, XSC13, YLN+17, ZL18a, ZL16, ZZF06, ZAI+16, ZD18, ZB20, ADA+19, Ano96, AMA+14, ARMMA18, AEB19, BB20, BMF23, BS96, CD14, CMGI+23, CDM+10, DQR+13, DS18, DHD20, DCMW17, Fis91, FF96, Fu10, GGGQ+13, GLA+08, HKS19, HKJ19, HAK22, Hui18, JC18, JPT94, dCJR16, KHL17, KSO+15, LBZ+11, LLW+12, LZC+16, LCL14, LTA+14, LP11, LPBB+18, MB21, MNA16, MK19, McG72, McK11, MFT+19]. **computing** [MUKX06, M06, MA21, MA17, MA19, MMG+18, NRdA20, NAR19, NIA18, PSZ+07, PM19a, PDM20, QZDJ16, RNA+22, RKT20, RGAT18, RHR20, RWC21, RHZ+17, RQD+17, Rob06, SSG+20, SBI21, SEM+20, SM23a, SJW+13, SAGS13, SSEA18, SB10, SHB19, Str05, TM11, TMJ+21, VGL23, WGY20, WH08, XTB17, XLWZ18, XA22, YRJ18, ZL13, ZWHC17, ZLZ+19a, ZYLY18, ZSRR22]. **Concept** [SMSB11]. **Concepts** [PPTH72, Âgr99, Don88, MS01]. **Concerning** [Ker15]. **Concerns** [PM19b, VN08]. **concolic** [LLS+12]. **Concurrency** [HTB22, MD12, CFS+12, Sub11, UR15]. **Concurrency-Aware** [HTB22]. **concurrency-safe** [CFS+12]. **Concurrent** [GMP89, Har77, KD78, IT86, WK08, YWGH13]. **concurrently** [SLC20]. **Conditioned** [WC01]. **Conference** [ACM81, ACM90, ACM96, ACM97, ACM00, ACM01b, ACM04b, ACM05d, ACM06a, ACM06b, ACM06f, Ano93, Ano99b, Ano01a, Ano02, Ano04a, Ano06a, BV03, DC15, IEE84b, IEE93a, IEE05, LCK11, Mar81, MS91b, MR91, So83, SS05, Shr89, USE99, USE00a, USE01a, USE01b, USE06, ACM05c, ACM06e, IEE06b, JPT94, USE55, USE86, ACM00, IEE85]. **Confidence** [AHRR22a]. **Configurable** [WJGA12]. **Configuration** [BRIX13, Lar09, A+04, FL13b, SMA+10]. **configurations** [LDL+08, RGS+20]. **configure** [Car14]. **Configuring** [AL05, Rul07]. **Confirmation** [MTFK19, OG16]. **conflict** [BLRC94]. **Conflicts** [KPHA20]. **conformation** [MFT+19]. **CoNFV** [ZSP+21]. **Congestion** [CL16b, GR20, LYS+18, PHC20, YLH17, ZWC+14]. **Congestion-Aware** [PHC20, YLH17]. **Congress** [GH+93]. **conjugate** [MM92]. **Connected** [SMES01, MS00]. **connection** [MJ93, Tur84, XJW+18, TR88]. **connections** [FBZS12, Ker15]. **connectivity** [TZB19, VOS12]. **conservation**


[Car13, Car14, G+06, P+08, TH10]. cooling [ARMMA18]. Cooperative
[KJL11, RIP18, GLLJ16]. Coordinated
[BRX13, LZ15, CRB12, HH18, KKJ+13, NS07, BBMA91, MSS91].
Coordinating [LH15, ZNSL14]. Coordination [ABV12, CRG16, Tho93].

COOTS [USE99], Copley [USE01a]. Coprocessor [LRZ16]. Copy
[AGJS16, LSC+17, ZCJ+21, HDG09, LXRS19]. Copy-on-Abundant-Write
[ZCJ+21]. copy-on-write [PV08]. CORBA
[GCARPC01]. Core [JYM+23, KR18, RTL+18, CMP+07, DQR+13,
JAD19, KW13, PNT12, SK13b, SWH+13, YTS14]. Corel [Ano03b]. Corfu
[DJS+17]. Corner [Sch94b, Sch94a]. Correct [DM93, IM75, Kou11].
Correction [ARA20b, Lee16, NMC18b, SHR19a]. Correspondence
[BDJdS02]. CoShare [WTJR22]. Cosmology [Nel04]. Cost
[AMA18, AMH+16, CZX+19, EVCL21, HKS19, HKM+18b, VS19, WDL+20,
XLWX19, ZB20, ADA+19, Dref08, KJM+07, LBZ+11, MMTM22, NMC18b,
NMC18a, OMB+15, SJRS+13, WCY+17, YRJ18, ZLZ15, ZLW+19a].

Cost-Aware [EVCL21, YRJ18]. Cost-Effective [VS19, HKS19, MMTM22].
Cost-Ef ficient [AMA18, CZX+19, ZB20, OMB+15]. Cost-Performance
Counteracting [VT14]. Coupled [WN17]. Coupling [BJPS73]. course
[AL05, Don88]. courses [BBS06, GD08]. Cover [Arm98]. Coverage
[CSS+16]. Coverage-directed [CSS+16]. covert [WXW15]. COVID
[Cap21]. COVID-19 [Cap21]. CP [Bar73, Com82, Par72]. CP-40 [Com82].

CP-67 [Bar73, Par72]. CPS [CCL+20]. CPU
[ASB18, BSSS14, GKJ+19, HB08, JGW+11, Kam13, LWC+17, Skr01, SK13c,
TSN+23, VWT13, WGLL13, Yu20]. CPU-bound [TSN+23].

CPU-intensive [GKJ+19]. CPUs [vSMK+20]. Crash [KY16]. create
[Fit14]. creation [CK06b, CK06e]. Credit [KP15, KCS14]. Credit-Based
[Ano15]. Criticality [WLMD16, LWMI14]. Crop [UBF+98, BDF+98]. Cross
[Gahl00, GSS+18, Jp02, Jxl+12, SWF16, SKT+19, Wlw+15, Wcc16b,
Wbh18, AW20, Bcc13, Pks+19, Cwh+14]. Cross-Architectural
[WLW+15, Wcc16b, Cwh+14]. Cross-Language [GSS+18]. Cross-Layer
[SKT+19]. Cross-organizational [Gahl00]. Cross-Platform
[Jxl+12, Wbh18]. cross-run [AW20]. cross-thread [Bcc13].
crossbars [JAc+19]. Crosscut [CLG+10]. CrossFlow [Gahl00].
CrossOver [Ano03b]. Crowd [SML18]. Cross-Sensing [SML18].
cryptographic [Qzdj16]. cryptography [RY10, VDO14]. CSA [War11].

CSDP [War11], CTO [Cre08a, Cre08b, Cre09, Cre10b, Cre10a]. Cuckoo
[SBI21]. CUDA [EBLM22, MGL+17, PSh16]. cultural [MMH19]. Current
[AH12, BDG18, RG05]. Curse [HB14, Kot10, NGRF19, Kot11]. Customer
[PPO14]. Customer-oriented [PPO14]. customisable [BNS18].
Customizable [LJFS17]. Customization [PCc+16, CGV10]. customized
[CSMB15, HB13]. CVM [Dsc+08]. cyber [PTD+18, Xzk+20].
cyber-physical [PTD+18, XZK+20]. CyberGuarder [LLW+12].
Cybersecurity [Ott18, ADWM18].

DADTA [ZLCZ18]. DAI [AKK+07]. Dalvik [YC16]. dann [B+07]. Dana [Ano10]. Dancing [DLX+17]. Daonity [CCMY07]. Dark [Fer11]. 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, HO22, IEE84b, JFPL16, KP15, LMM18, LVM16, LLWM23, Man15a, Man16, MMD19, Nele04, PCC+16, SB16, UVL+13, WKJ20, WN17, We94, WTM18, XWJX15, YLH17, YYW+15, ZDK+22, ZHL16, dSdF16, vSMK+20, ARA18, ARA20b, ARA20a, AKK+07, AD19, ABBJ23, AGH+15b, AGH+15a, AHRR+22b, ATZP21, ATS16, AMAB18, BK14, BB12, BDE+03, BOF17, CKR17, CLL+23, Clao05, CFRSSR19, DLH+20, DYM+17, FLL+13, GE85, GH91a, GH20, GSKJ18, HM20, HN08, HKB19, HTB19, HLBB20, HHW14, IRB91, IKU15, IPRS21, JFZL17, KDK20, KBKD22, KTB17, KJ+16, KSLA08, KB17, LDL14, LZW+15, LZC+16, LRP+19, LMDP+19, Man15b, MAK18, MRM06, MBM09, MHH19, NZH20, NTH+17].

[CWS12, CLW+14, HTAY21, JHS12, LSSC22, SXH+19, AD18a, AMA+11, BSOK+20, FLM+08, Hui18, LF19, LMDP19, MW18, MA17, NS17, PDM20, PBYH+08, SIK+16, WCG14, XXZ13]. detection/prevention [MA17].
detectors [LMJ07]. Determine [BP99]. Determining [ZRS+16].
Deterministic [KD78, RTL+18, BB12, KM13a, KM13b]. dev [Fer11].
Develop [DBMI92]. developers [SS17, Wil06]. Developing [HZZ+14, PCR89, RHZ+17, Win71, R+13]. Development [IGBKR19, Kna93, LLWM23, Lia05, RT93, Wil01, But94, CWG00, Her10, IBM88, Int88, STFH15, TT93]. Device [Ano03a, JKJ+10, KKTM17, Nou92, SGB+16, XYD+18, FFBG08, LU04, SBQZ14, TtLC13, WHE15, YWTC15]. Devices [CXLX15, KLK+22, MV16, SSB03, SVL01, XD16, XD17, CMGI+23, CT03, DPW+09, PDC+12, Rus08, Wal76]. Devirtualizable [LSS04].
disaggregation [SM23b]. Disaster [HS19, KKLV16, MTFK19, AAF+09, BGS13, ROC012, Mar08].
disaster-recovery [BGS13, Mar08]. Disclosure [WWL+17a, FSH+13].
Discourse [MBWW86]. discovering [FBZS12]. discovery [PST15b].
Discrete [GLL+21]. YP15, ZGL+17]. Discrete-Time [GLL+21, ZGL+17].
Discussion [G+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, CEP+22, CLLS12, Das91, FXL+23, FKZ17, FD08, HKLM17, IEE93a, IEE96b, JWL+18, JZY+22, Kim84, KMG+18, KAZS14, LLW98, LS15, MLXG19, PP16, PHXL19, SC17, SCL+19, SM02, TCP+17, Vol90, WB81, WIS+15, WVT+17, WLS+18, WN17, XWH+16, ZZF06, AC95, Ano96, AB16, AFT01, Bir94, EBLM22, EMI13, FS19, Fis91, FF96, FX06, Fu10, GKP+19, KTB17, KJJ+16, KSLA08, LC14, NS17, SJ14, SSN12, SGB99, SGB00, SIK+16, VOS12, WKC+09, XLQL18, YYY+19, ZWXX17, ZWHC17, ZB18]. Distributing [HHW10].
Distribution

Editorial [Sed07, WYZAD20]. Editors [FDF05, KS08b].

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

Effective [UR15]. Effectively [ELC+19, Man15b]. Effects [JK17, PLMA18, KCV11].

Efficient [AMA18, ASMA21, BYZZ20, BWH+19, BHDS09, BKH+06, CWL12, CWH+14, CZX+19, CGV10, CHPY17, DMR10, ELC+19, Man15b].

Elastic [AAMBE21, AD18b, KSO+15, PLMA18, BKR20, LPBB+18, NAR19, TSCB19]. Elasticity [GLS15, MMdE19, OSK15].


Electronic [MSCK92, ZR06]. Electronics [GPM21, BB08]. Elektronische [Mar08].

Elementaires [Han73]. Elementary [Han73]. ELI [GAH+12].

elimination [VED07]. elliptic [AGIS94]. Elman [IEE01]. embeddable [Web10]. Embedded [BHI15, DPCL22, DEK+03, DS09a, GGM+16, GLS15, GCL+21, JAD19, JYM+23, Kut92, Mon97, NKK+06, PPG+16, SMK02, SMP22, WLW+15, AH12, Caa00, CT03, CGV10, HK07, Ivo03, KKV+14, LTK17, MBBS13, RJK16, RMB02, TMJ+21].

Embedded-System [Kut92]. Embedding [AM16, BL17, Che21, EMW16, FXL+23, OMB+15, PHXL19, PHC20, YLH17, AO16, BG20, BCC+15, CRB12, EM13, HKB19, HH18, JK15, KKM+13, NTH+17, OKAM17, SS19, SZL+14, TK20, WHC16, WBW+19, WZZ+20].
Embeddings [RS20]. EMF [WIDP12]. Emphasis [Cre65]. EmuID [CJJ+22]. emulate [tTR82]. emulated [THC+14]. emulating [VdlFCC97]. Emulation [Ano03a, BKMM87, CLKEF21, JN15, KKTMM17, Mal72, BB08, CWH+14, CJJ+22, GD08, Kami13, 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 [HD16, HS21, KMK10, NOT+17, OVI+12, Spa19, TY14, WHD+16, LSS04, ZBS+22]. 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, DQW15, Do11, DCMW17, EGR15, FML+22, FLZ17, HTW+19, HKM+18b, IRB19, JJK+11, JFPL16, JYM+23, KC16, KSS+20, KB21, KSS+23, KDB16, KC14, LM18, LZC+16, LYY+16, LGJ+18, LYY+20, LWCZ22, MDZ+21, OBSR16, PHC20, RK16, RH17, SBNU18, SYMA17, SZL+14, TDDD20, XLWX19, YLK+10, YJR18, ZDK+22, ZWC+19, ZHL16, AJBJ23, AMAB17, ARMA18, BAC15, BB12, BB15, BRjdM10, BJG19, BRS+22, CD14, CFFRSR19, DP11, DHD20, DXM+17, FAA17a, FAA17b, FF+00, GLK+12, GTN+06, GJ+19, HM20, HM18, HLBZ20, JWH+15, JFZL17, JC18, KMT14, KTB17, KR16, LJY+15, MR23, DPBK16, MHM19, NTH+17, NBS18, DOL12, PVRR14, PDT+18, QXH18, RHR20, RP07, RT18, RCTY19, SBI21, SEN16, SMSH18, SHR19a, SHR19b, THG+18, VW08, WDT18, WHW20, XNH21].

Energy-Aware [AAD+19, AGC18, AAK18, BWD+15, CWL12, CP17a, DMR10, DQW15, Do11, DCMW17, EGR15, FML+22, FLZ17, HTW+19, HKM+18b, IRB19, JJK+11, JK+11, JFPL16, JYM+23, KC16, KSS+20, KB21, KSS+23, KDB16, KC14, LM18, LZC+16, LYY+16, LGJ+18, LYY+20, LWCZ22, MDZ+21, OBSR16, PHC20, RK16, RH17, SBNU18, SYMA17, SZL+14, TDDD20, XLWX19, YLK+10, YJR18, ZDK+22, ZWC+19, ZHL16, AJBJ23, AMAB17, ARMA18, BAC15, BB12, BB15, BRjdM10, BJG19, BRS+22, CD14, CFFRSR19, DP11, DHD20, DXM+17, FAA17a, FAA17b, FF+00, GLK+12, GTN+06, GJ+19, HM20, HM18, HLBZ20, JWH+15, JFZL17, JC18, KMT14, KTB17, KR16, LJY+15, MR23, DPBK16, MHM19, NTH+17, NBS18, DOL12, PVRR14, PDT+18, QXH18, RHR20, RP07, RT18, RCTY19, SBI21, SEN16, SMSH18, SHR19a, SHR19b, THG+18, VW08, WDT18, WHW20, XNH21].


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

energy-saving [YLJ22]. Enforcement [LJFS17, NMMP15]. Enforcing [HK12, WZL15].

Engine [Wal10, GLV+09, MO98, VG20, GLV+10, J+05, MIS+05]. Engineering [GPM21, IEE84h, SDS+21, ACM01a, MKM+08, McG72, MPM+20, WZV+13].

Enhance [GLS15, CMGI+23, MK19]. enhanced [SM23a, SDN09]. enhancement [DXM+17, KS18a]. enhancements [AKK+07]. Enhancing [CPKL17, GI12]. ENIAC [ZR06]. Enlightened [AGJS16]. ensemble [RGAT18]. ensuring [Req03]. Enterprise [ADG+92, FPR+06, G+06, LVM16, BSNB20, EM06, Hal08, NS07, WH05, Ano03a, Gal11]. enterprises


familiarized [Ame13]. Farms [Do11]. Fast [CSS+13, CLW+14, Cox07, CHPY17, Hol95, HSN17a, JFPL16, Kou11, KMK+22, NOT+17, PEL11, ZLW+14, ZFY18, ZLZ+19b, ZLW+19b, JFZL17, KMMV14, KJLY15, LKR+19, MSZ09, SK13b, SV15]. Fast-Spreading
Fractional [PS23]. Fragmentation [GWZ16, HKM+18a]. Frame [WH99]. Framework [DY17, GCL+21, GH91b, JXL+12, KCWH14, KAJW+93, LGZ+19, LWL10, LWB13, MGL+17, PXG+17, PST+15a, PLZ20, SZW+16, SEK+19, TMV12, WGW+18, XWH+16, YWH+21, ZFL15, ZWFX17, ZDS+22, Ame13, AC16, BB15, BDE+03, CD14, DS20, DLH+20, FPGK18, FMJ15, Fre05, JSK+13, Kag99, Kao17, KKM+13, KJJ+16, LLE+17, NB11, PM19a, PDM20, PV06, RH17, RSC+15, RK18, SJRS+13, SSEA18, SL00, SIK+16, STY+14, WHC16, YWT15, ZWFX+17, ZDS+22, Ame13, AC16, BB15, BDE+03, CD14, DS20, DLH+20, FPGK18, FMJ15, Fre05, JSK+13, Kag99, Kao17, KKM+13, KJJ+16, LLE+17, NB11, PM19a, PDM20, PV06, RH17, RSC+15, RK18, SJRS+13, SSEA18, SL00, SIK+16, STY+14, WHC16, YWT15, ZWFX+17, ZDS+22].

Frameworks [AP22, ZLW18, AGH+15b, HZZ+14]. France [ACM90, ACM05b, Jou85, JPTE94]. Francisco [ACM06a, USE02]. Free [Ano03a, BRX13, AJBJ23]. FreeBSD [McK04, MNN05, Sar01]. FreeDOS [WF03]. French [Apr09, AH68, Han73]. frequency [Kam13, SSEA18, AMAB17]. Friendly [ZBG+05]. Front [Ram93]. Frontier [Sar16, Rob12]. Frontiers [ACM06e, M+06]. Full [HHC+16, HSL17, MZD+18, MCE+02, Sch13b, SWF16, JK17, LLY+18, YKS16]. Full-System [SWF16]. Fully [CGMD19, ZD18]. Function [AP22, ALn22, CEPR22, Che21, EMAL17, ELC+19, FBM+21, FLZ17, GKK18, HTAY17, HSL17, JW17, KLR+20, LLW+16, LYL21, MLXG19, MDZ+21, MSC+21, PAP20, PHX19, RRK17, SN23, WCC20, XWW+21, YWL+18, ZSP+21, ZLZ+21b, ZKW17, ALW15, BCC+15, DS18, FZS+20, HLW+23, LMDP19, MCJ19, MHS21, QBL+23, SHB19, SOK23, TSR19, TSCB19, XHW+19, YLT20, YXL+20, ZJR19]. function-virtualized [DS18]. Functional [ACM90, Dan86, DCG12, GMP89, Ame13, Wak99, Jou85]. functionality [MK19]. Functions [BYZZ20, BCZ19, DL89, KLLT18, MP16, NGRF19, TF16, WZL+23, DS19, FJKK17, HHSG+18, HH19, KWZ+19, LRP+19, PJZ+19, PFNC20, QZDJ16, TSCB19, YCL+19, ZGL+17, CB22, GHM+18, TSN+23]. fundamental [BCZ19]. funfte [Müh75]. funnel [LMV12]. Fusion [Kis08]. Future [FLZ+20, GB19, Her06, IBBA20, KS08b, LCMV17, RG05, Sup04, Var91, ZXR+22, AH12, Bau05, NIA18, PTD+18, Rom14, Str13, Yur02, SJJ11]. Fuzzing [KLF+15]. Fuzzy [AAR22, BY20, Hu90, LZ15, CFRSSR19, FA21, FLM+08, SENS16, ZB18]. Fuzzy-logic-based [BY20]. FWNs [SJJ11].

gehärten [See08a]. Geiger [JADAD06b]. Gelato [Ano06a]. Gene [SSU+12]. Gene/P [SSU+12]. General [Cre65, GFB+92, XWH+16, ZDS+22, BJ22, BDE+03, LSS04, SS72].

General-Purpose [GFB+92, ZDS+22]. Générateurs [Han73]. Generation [Ano03b, AC98, BDF+99, CF00, GHF82, MZG14, PG74, EL98, IJK+06, LSS+12, PG73, RGS+20, Sus76, Web10].

generational [WK08].
generations [BOF17]. Generator [Han73, ABDD+91, EGKP02].

Generators [Fra83, GHF83a, GHF83b, WNL+83].

generic [MK94, ZLZ+21b, BKT+19].
generics [Int06a].

generic [WK08].
generations [BOF17].

genetic [AAR22, MPM+20, PC21].

Geo [JWL+18, PHXL19, XLQL18].

Geo-Distributed [JWL+18, PHXL19, XLQL18].
geographically [KTB17, ZB18].

geometry [Hol95].

George [ACM03b].

Georgia [USE86, USE00a].

German [Joo09, Bec09, Bod10, CK06a, CK06b, CK06c, Fis09, Lar09, Sch13a, Spr07, WR07].

Germany [RM03, GHH+93, IEE01].

global [LLW98, Sta97].

GlobalSim [DC15].

gMig [LZM+20, MZD+18].

GKLEE [LLS+12].

glass [LHW+20].

Globular [KTB17, ZB18].

GPU-Accelerated [MTFK19, SCSL12, SPAK18].

GPU-assisted [GMK17].

GPU-Job [PS19b].

GPUDirect [YWC15].

GPUs [LLS+12].

GPVm [SKY16].

GPgpu [CPM+18, KLY20, MGG+18, TY14].

Gpos [JK17].

GPU [CMGI+23, DSO9b, GMK17, HSN17a, HSN17b, IPRS21, KLY20, KSVR23, LYG20, MGG+18, MTFK19, MNS+14, MGL+17, NRdA+20, NMS+14, PS19b, RSC+15, RS16, SCSL12, SM23b, Sirp17, Spa18, SKYK16, TTH+19, XM+18, YLWH14, YCL+18, YLM+18, YLT+23, YSS+17].

GPU-Accelerated [MTFK19, SCSL12, SPAK18].

GPU-assisted [GMK17].

GradiAnt [PS19b].

GPU-Job [PS19b].

GPU-Assisted [YWC15].

GPUs [LLS+12].

GPVs [LLS+12].

GPVm [SKY16].


gQos [LYGG20].

GRACE [M+06].

gradient [MM92].

Gradual [RSF+15, RAT17].

grid [WJGA12].

Grained [BSSS14, CHW12, CDD13, HSK17, RB17, YSS+17, JCZZ13, KWZ+19, PG11, YTS14, YSM+21].

grammar [FS89].

Grande [AC01b, DHPW01, GPW03].

Grande/ISC0PE [AC01b].

Granularity [PXG+17, RRB19, LLS+14, YGLY21].

Graph [CFM17, CRG16, LKY+17, QBL+23, Syr07, YTS14].

graph-based [CRG16].

graphic [Wal76].

graphic-simulator [Ber86].

graphical [Bur02].

Graphics [Ano03b, JXL+12, VLZL16, XM+18, ME87, Sus76].

Graphs [Lee16, Bod88, PUL016].

gray [WSVY09].

gray-box [WSVY09].

Greedy [NMG15].

Green [KL14, M20, LL+12, LLI12, WZV+13, XA22, YLHJ14].

Green-Energy-Aware [KL14].

Greene [War11].

Greener [BH13].

Greenoble [AC05b, JPT049].

Grid [AC05b, CCMY07, IEE04, MFT+19, SEF+06, TLC06, ZZF06, vLSM01, Rob06, SJW+13, SGV12, ZBP05, AKK+07, CCO+05, KGZ+04, LP14, WKT08, ZBP07].

Grid-Based [vLSM01].

GridGIS [M+06].

Grids [GPM21, CCW05, MPA+18, GTN+06].

Group [Boa90, So83, YLI+17, CKE78, KKK+18, ZLY+15].

Grouping [AAR22].

growth [LDL14].

GSX [Zim05].

GTP [M+06].

Guarantee
Guaranteed [LWZ+18, ZWL+18, KB21].

Guaranteeing [LZW+15, YWR+14, ZRS+16].

Guarantees [MSG01, ZHCB15].

Guest [CCML12, NOT+17, ABB14, FL13b, JXZ+10, LD11, MSZ09, XHCL15, FDF05, KS08b].

Guest-Assisted [CCML12].

guest-OS [FL13b].

guest-transparent [JXZ+10].

guests [JK17].

GUI [PW03].

guidance [JSK+13].

Guide [Ame13, BBD+91, Bas04, Bas06, Gal09a, IBM72, IBM73, IBM76a, Oak14, OH05, Chi08, IBM88, Int88, IBM94, KSS09, KS10, MDD+08, MIS+05, RR09, TC10, War02, Wes98].

guided [HLW+13, SSH17].

Guiltiness [PJZ+19].

GVirtuS [MGL+17].

gVMP [SM23b].

H [JAS+15, Web02].

H-SVM [JAS+15].

HA-VMSI [ZTWM17].

Hack [WMIUW19].

hacking [Spi06].

Hadoop [GLBJ18, ZRD+15].

Handbook [Bod10, Fis09, NSHW10, War05, Joo09].

Handbuch [Joo06, WF03, Bod10, Fis09, Joo09].

driver [Sal92].

handles [Ven97b, Ven97c].

Handling [AMB+17, SB16, SMA18].

Hands [Kol19, MDD+08].

Hands-on [Kol19, MDD+08].

Harbour [MR91].

Hard [JYM+23, LTK17].

Harmful [NMHS15, WC01].

Harmony [PPS+18].

HARNESS [BDF+99, GKSP99, MDGS98].

harnessing [GLV+10].

hash [SV15].

hash-array [SV15].

Hawaii [MS91b, Shr89].

HBench [ZS01].

header [VED07].

Healing [BHI15, Gko05].

Health [ZL16, ZL18b].

Healthcare [AAR22, KS20a].

Healthcare-Cloud [AAR22].

heap [CSV15, CH08, LDL14, LLS+08, PNM+20, TLX17, WSAJ13].

Heavy [HS19].

hedging [RY10].

Helix [Ano03a].

help [Car14, Men03].

HEP [Dun86].

herd [BB20, KS18a].

Hermes [ZLG+20].

hesitant [FA21].

Heterogeneity [GLS15, KR16, XLJ16, AMB+17, WCS09].

Heterogeneous [GKSP99, HSK17, HHS18, HWC16, KGG17, KGG18, LMM18, LW16, LLZ18, OVI+12, PDI+23, RG17, YLH17, ZSP+21, ZAI+16, ZB20, Bac11, CDM+10, CKR17, DCM16, GTGB14, GCARP+01, KHL17, KKB14, KSS+18, LZW+15, NRS92, PMC05, RAP19, SWH+13, SWO08, ZLL13].

HeteroOS [KGG17, KGG18].

HeteroVisor [GLS15].

Heuristic [BL17, LW16, XH90, CD14, HAK22, KMT14, SM23b, Tsr19].

Heuristics [ARMMA18, ATS16, BB12, KR16, Man15b, SBN18].

HI [Shr89].

HICAMP [CF8+12].

hidden [CWDO+06, WQG15].

Hiding [CLS07].
Hierarchical [ABB19a, DM75, Kee68, HPS23, SPAK18, YWF09].
Hierarchies [TBS17]. Hierarchy [SBK15]. High [ACM98, ACM04b, AMA18, Bad82, BPP+17, BCW20, CW03, DMS02, DYL+12, Han16, Hog02, IEE96b, IEE06a, IBBA20, KCHW14, KBK+21, KKT17, KMM13, KKS+19, LCK11, LMG01, LRP+19, LJZ12, LHAP06, MLG+02, RCM+12, RB01, SD01, SCSL12, SV13, SYC14, URJ18, Vog03, WQG15, WCC16b, YWCF15, ZLS17, dGG+17, AAF+09, Ano96, BML+13, DQR+13, EMS15, FF96, Fu10, G+01, GTN+06, GGJ+92, GBCW00, HKJ19, LBZ+11, LLLE17, 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 [KKT17]. High-Level [DMS02, RB01]. High-Performance [ACM98, IEE06a, IBBA20, KCHW14, LMG01, SD01, SCSL12, URJ18, WCC16b, dGG+17, Han16, Hog02, KBK+21, SYC14, HKJ19, LLLE17, LM99, LMG00, MUKX06, SPF+07, SPAK18, WWH+17, ZYZ+18].
Hosts [BB13, Ban06c, CLL+13, TtLc13]. Hot [IEE96a, IEE97, IEE99, EEO1, BBTK+17]. Hotel [USE01a]. HotOS [IEE01]. HotOS-VIII [IEE01]. Hotplug [LJL+15]. HotSpot [Sch13a, IRB19, Arm98, BOF17, HHV+02, WKJ20]. HotSpotF [RB01].
Houston [ACM06d]. HP [BKMM87, MSCK92]. HPC [M+06, GPS+18, HCJ07, JQWG15, PNT12, PCB+18, Spa19]. HPC-GTP [M+06]. HPC.NET [Vog03]. HPCCC [DF96]. HPCS06 [IEE06a]. HPVM [KS+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, KCHW14, 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, LC90a, TZW19, WXW15, Apr09, Car06, KVV09, KSSO9, [LTK17].
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].

Implementations [AP22, HLP+16, SVB93, VV18, AEMWC12, CSS].

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, GKBB15, KDB16, SAT09, YWGH13, YQZ14].

Improved [BRS+22, War80, BTLNBF+15, KS20a].

Improvement [YLH14].

Improving [AWR05, BHEP14, BCG73b, CFG+13, CFRSSR19, HXZ+16, HLW+13, IPRS21, 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].

Inapproximability [RS20].

Incentive [XLWZ18].

Incentive-aware [XLWZ18].

Included [Ano97a].

Including [B+07, CGW07].

Incorporating [GH91b].

Increasing [WL110].

Incremental [LXZ+21].

Independent [DHPW01, DS09a, 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 [WP97].

Inferring [LHW+20].

InfiniBand [PRS16, RS16, YCL+18].

influence [Mly09].

influencing [BJ20].

Information [CAF+91, IEE93a, Int05a, Int05b, Int06b, Int06c, Int06a, SS75, SS05, Ano93, BSD19, LC09a, MD73, MD74, RRB17].

Informed [HKKW13].

Infrastructures [ECM01, ECM02, ECM05, ECM06, HW12, Int05a, Int05b, Int06b, Int06c, Int06a, LPSS19, McCo8, MJW+06, Nef04, NKK+06, NSC+22, OG16, Ott18, PP16, XH16, AO16, AMA+14, AA18, BDS+09, Car14, Hal09, HS13, HH13, Hu18, J+05, KN18, KSRL10, KR16, LLY+18, Low08, dOL12, YW20, MR04, PW03, RSF03, Fro13].

Infrastructures [WTM18, ZB20, ACG18, CSMB15, FPGK18, LPBB+18, MPM+20].

Ingens [KYS+17].

inherently [TDG+18].

injection [CP17b].

InkTag [HKD+13].

Innovation [ACM03a].

innovations [ABB+15].

Input [ACL17, Wal76].

Input-Output [ACL21].

insider [LC09a].

Insiderinformationen [LC09a].

insiders [KSS09, KS10].

Insights [Rev11].

Inspection [SKI+17].

inspired [KHA22].

Installation [Bec09, Bor01, KGG00, Lar09, WF03, Zim05, Zim06, MIS+05].

Instant [AMIA19, EMAL17, KCKC15].

Instances [WUNK17, ZG13].

Instant [HPP15, Joo06].

Instruction [Oi06, HW15].
Instructions [Qia99]. Instrumentation [ZFL15, BZA12]. Instrumenting [MZG14]. Instruments [BPB86]. integer [YTY00]. integer-reference [YTY00]. Integrated [BDF19, QLL+21, SP22, vCPWvT11, CWG00, HKJ19, YZLQ14]. Integrating [JMSLM92, LTT92, LCL14, OBSR16]. Integration [GMP89, VGF16, Ame13]. Intel [AJM06, CMP07, DLM06, Don06, KBC21, NSL+06, NKK+06, NBB+19, RSW+06, R100, UNR+05, Uhl06, vSMK+20]. Inteligence [MR91, JNR12, MPA+18]. Intelligent [GH91b, HTAY21, PTD+18]. Intelligente [BO06, CMP07, DLM06, Don06, KBC21, NSL+06, NKK+06, NBB+19, RSW+06, R100, UNR+05, Uhl06, vSMK+20]. Intelligente [BO06, CMP07, DLM06, Don06, KBC21, NSL+06, NKK+06, NBB+19, RSW+06, R100, UNR+05, Uhl06, vSMK+20]. Inteligência [PO09]. Inteligência [PO09]. Inteligent [GH91b, HTAY21, PTD+18]. Intelligente [BO06, CMP07, DLM06, Don06, KBC21, NSL+06, NKK+06, NBB+19, RSW+06, R100, UNR+05, Uhl06, vSMK+20]. Inteligência [PO09]. Inteligência [PO09].
STS+13, SM02, Surf01, Tai98, To09, TO96, UBF+98, UR15, Van98, Ven97a, Ven97b, Ven97c, Ven97d, Ven99a, Ven99b, VED06, VED07, VL00, WL96, WGF11, Wak99, WH09, Wes98, Wol99, Won97, WWMG06, WZL+18, YC98a, YC98b, YME05, YKM17, Ye99, YTT00, ZP14, ZS01, vLSM01, Ano97a],
Java-based [Ano96, FF96, HOKO14, KS13, YC98b].
Java/CORBA [GCARPC+01].
JavaScript [Ano96, FF96, HOKO14, KS13, YC98b].
JavaCard [BDJdS02].
JavaScriptCore [Piz17].
Java [LMG01, SMES01, CF00, RB01, vD00].
Javy [GGG03].
JCloudScale [ZLHD15].
JDMM [ZP14].
Jenga [TBS17].
JET [MLG+02].
JetBrains [Ano03a].
jetzt [KGG00].
Jikes [AAB+05a].
Jini [JJ02].
JiST [BHvR05].
Job [MNT14, PS19b, HKJ19, PC21, RAP19].
jobs [KS18b].
jockey [Hin97].
John [IEE06a].
Joint [CTP+17, FXHY21, MAK18, NTH+17, RJK+17, SJ21, WZV+13, YXL+20, ATZP21, LKR+19, SBNU18, SM23b].
Jointly [LWL16, XHW+19].
Jon [Ano97a].
Jose [Ano04b].
journaling [HC12].
K. [Sch94a].
Kailua [Shr89].
Kailua-Kona [Shr89].
Kaleidoscope [LFBB94].
Kanazawa [HHK94].
Kanotix [CK06c, CK06h, CK06l, CK06r].
Karlsruhe [RM03].
KDE [KGG00].
Keeping [NP13].
Kernel [FL13a, HD16, J91, 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, CK06t, CK06r, CK06s].
Kingdom [Vra05].
kit [Car06, LC09b].
knapsack [EYGS19].
knew [RAT17].
Knob [WUK+18, BR01].
Knoppix [CK06d, CK06i, CK06n, CK06s, Deu08, CK06i].
knot [LFBF12].
Know [NBB+19].
Knowledge [FG91, FS19, IT86, RAT17].
knowledge-based [FS19].
Kochbuch [PO09].
komplettten [Mar08].
Kona [Shr89].
Konfiguration [Bor01, Lar09, WF03, Zim06].
konfigurieren [RHM08].
Konsolidierung [See08a].
Konzept [Dal97].
Konzepte [Tho08].
Konzeption [Zim06].
krill [BB20, KS18a].
KScalar [MRL02].
Kubernetes [BSNB20, Car23, ZB20].
Kubernetes-Based [ZB20].
Kubuntu [CK06e, CK06j, CK06n, CK06t, CK06c, CK06j].
Kuck [War11].
Kundenserversystemen [See08a].
KVM [Deu08, Hin08, DN14, GLC84, HWCH16, LZL+15].
KVM-based [HWCH16].
KVM/370 [GLC84].
KVM/ARM [DN14].
KylinX [ZZW+21].
L [Lot91]. lab [AL05, HMS04]. laboratories [DTW07]. Laboratory [GPM21, Kim84, SVN+10]. Labs [See08b]. lag [ZMD+21]. Lagrange [SS22]. Lagrangian [GR15]. Lagrangian-based [GR15]. Lake [ACM03b]. Lambda [Wat86, Wat87]. land [Tsa14]. Landing [ACM03b]. Language [CDM+10, ECM01, ECM02, ECM05, ECM06, GSS+18, Hog08, Int05a, Int05b, Int06b, Int06c, Int06a, Kam83, Luc97, MR04, PW03, PFH+16, RSF03, SR+17, SVB93, SUN97, WHD+12, WBHN18, Arv02, Ber86, BD01, BMER14, DH01, Don88, GLV99, Hog06, IT86, Juo07, KRCH14, Les74, MD12, MC93, PRR07, RJK16, RSW91, SKC73, SOM04, Taf11, Taf98, WCG14, WWH+17]. Language-independent [PFH+16]. language-level [WCG14]. Language-Neutral [WBHN18]. Languages [BS90, Dan86, KP99, LFBB94, PTHH14, SSG90, Tol98, YKM17, ACM99, BTLNBF+15, EBLM22, MA17, RSLAGCLB16, ZFY18]. layered [PSC+07]. layering [YWF09]. LayerMover [ZFY18]. lazy [Wak99]. LDA* [YZSC17]. leadfoot [HHPV15]. Leaking [vSMK+20]. Lean [WZL+23, SV15, Ven96]. Learn [BWH+19]. Learn-as-you-go [BWH+19]. Learning [BRX13, Che21, DS18, GPM21, HPS22, KKE19, KSVR23, MSC+21, XRL+22, ZXR+22, AD18a, AJB32, BMF23, GH20, GKT17, KRC+12, NKK21, QBL+23, RGAT18, RT18, WBB+19, WZZ+20]. Learning-based [DS18, ZXR+22]. Learning-Driven [XRL+22]. legacy [LU04]. Legally [Sam22]. LegoSim [RMB02]. Length [GR20]. Lern [CK06q, CK06t, CK06r, CK06s]. Lern- [CK06q, CK06t, CK06r, CK06s]. Lernprogramme [CK06k, CK06m, CK06l, CK06n, CK06o]. Lernprogrammen [CK06k, CK06m, CK06l, CK06n, CK06o]. Lessons [RM03, LJJ12, Rob06, URJ18, HMS04]. Leuven [ACM04a]. Level [ASMA21, AC16, cCWS14, Chu06, DMS02, GCL+21, KHW+16, MMdE19, NTR18, RB01, SV13, ZSR+05, ZQCZ16, AD18a, AL05, BSX+12, BSD19, BSO+10, But94, CIA07, EG03, FLCB10, IM75, JHE14, LZW+17, ML78, SVN+10, SWcCM12, WSE+15, WF07, WCG14, ZLZ+13]. levels [CCMY07]. Leveraging [LLF+18, LDL+08, Pfo13, RTL+18, WHD+09, ZL13, AD09, 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
LSTM-based [CEPR22], LTTng [WKJ15], Luminous [KNT02].

m [USE01c, Abr82, KAH83, AS85a, AS85b], M-series [KAH83], MA [USE06], MAC [SJV+05], MAC-Based [SJV+05], Mach

[USE91, MRGB91]. Machine [AGJS16, AS85a, ABCC66, AAF21, AAR22, ABV12, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, fltNW14, AE01, Apr09, Arc07, AAK18, AGIS94, BWP85, BFWH75, Bal70, Bak83, Bal91, BDF+99, BH73, BN75, BWD+15, BFM+21, BJJ+16, BG73a, BCG73b, BG74, CTS+93, CW03, CFH+79, CFH+80, Car13, CF00, CGC16, CRZH15, Cox09, CWL+15, CHPY17, CYX+17, Dalxx, Dal97, DHPW01, Dan86, DCM22, DF96, DGLZ+11, Dom80a, DL19b, DJ77, ETAB22, EG01, FG91, Fei68, Fis01, FPS+02, (Fo71, (Fo78, FL13a, GKSP99, Gei02, Gen86, Gol69, Gol70, GLBJ18, HHV+02, HHW10, Hal79, HTW+19, Han73, HH79, HKM+18b, Hir17, Hor73, HKKW13, HPS22, IBM72, IBM73, IBM76b, Ibs84a, JHS12, JJK+11, JMSLM92, JQWG15, JN15, JADAD06a, KC16, KS08a, KKE19, KSS+20, KSS+23, KMK16, KNT02, KF91, Ken80, KDB16].

Machine [Kim84, KAH83, KGZ+04, KLF+15, LCB+11, LMM18, Lau87, LW73, Law00, LW11, LSC+17, LLW98, LTE12, Li14, LVM6, LGJ+18, LTT92, LY97b, LYxxa, LYxxb, LYBB14, LWLL10, LJJ+11, LPB17, LFBB94, Loy92, LXM+16, MSG14, Mac79, Mad69, MS91a, Man16, Mar73, MZ20, MC74, MS70, MD97, MDxx, MDGS98, MKKE12, MA21, II79, NBH08, NBK16, NMG15, Nel04, NASD21, NLD+23, NSJ12, NL19, Obs78, PPT+72, P73, PAC+22, PXG+17, Pfo13, PCC+16, PK75a, Pro90, Qia99, QT06, RNN+22, RG17, RLZ+16, Ren78, Ri00, RSN+18, RT93, Res99, RG05, Ibs84b, SL14, Sun88, Sch94b, Sch94a, SSB03, SMA18, SCP93, SSG90, SHZ+14, SB73, SHB+03, SVL01, Sun95b, Sm95a, SUN97, JCV99, TT96, TMV12, TY14, USE01c, USE01d, USE02, VT16, Ven07a, VL00, WL6, WIDP12, WAK99, WH09, WDL+20].

Machine [WB81, WWL+17a, Wel94, WCSS05, WHD+09, WP97, WLCS17, WXJX15, XJ16, XLWX19, YWY+17, YP15, ZDK+22, ZLW+14, ZRS+16, ZL16, ZCG+17, ZL18b, ZLZ+19b, ZCL+21, ZZF06, ZWL+18, ZXR+22, ZHL16, ZJXL11, ZTWM17, Zyt94a, Zyt94b, dSdF16, AD18a, Abr82, AS85b, AD19, AGSS10, AJBJ23, AGH+15b, AGH+15a, AHRR22a, AHRR22b, ATZP21, AAB+00, AC95, Ane13, Ano94, Ano96, Ao16, AFT01, ABC+07, Arm98, AWR05, Arv02, AP18, ANH00, AMA+11, BB20, BDF+03, BBTK+17, Beg12, BPC94, BMF23, BJ20, BCM90, BRS+22, Bir94, Bli02, BMD06, BFC02, BY20, Brix9, CARB10, CL14, CD14, Car14, CEG07, Cav93, CFVP12, CS76, CHCC07, CCL+20, CLL+23, CBFLD12, CK06a, CK06e, CLo85, Co89, CGV10, dCCDF015, CWG900, CD01, DH01, DSC+08, DP11, DM93, DBC+00, DLH+20, Don87, DH20].

machine [DJ76, DXM+17, DS22, EYG21, EGKP02, EG03, FLL+13, FS19, FM90, FA21, FSFP19, FMI18, Fit14, FF96, FLM+08, FCG+05, Fre05, GQ+13, GTGB14, GH20, GSKJ18, Gol74, GCARPC+01, GPW03, GR80, GBCW00,
GLW23, GA18, HZL+18, HJ10, HKNN2, HTB19, HUL06, HAK22, HK07, HcC14, HPHS04, HLBB20, HSC15, Hui18, HPS23, IBM85, IBM88, Int88, IBM94, IBM96, IRB19, IKU15, JKK+13, JNR12, JC18, JGW11, JADAD06b, Kal97, KOY05, KBDK22, KB21, KS13, KS20a, KSO+15, KS18a, KTB17, KK21, gKEY13, KCS14, KJLY15, KCKC15, KKC16, KMG+18, KFF12, KHA22, KSS+18, Kou11, KCV11, KRG+12, Lam75, Les74, LC02, LM99, LZWD15, LBL16, LL16, LLYY18, LLWV18, LFXH19, LXXR19, LLZ+19, Lia05, LL14, LPZ+22, LWZQ22, LLC23, LPBB18, Lot91, LG93, LQD18, MSG12, MR23, MD73, MD74, MSG01, DPBK16.

machine [MS17, Man18, MNA16, MS00, MCG72, MC93, McM11, MRG18, MN91, MTS05, MW18, MHM19, EYGS19, MAK07, MJ93, NZH20, NNK21, NK22, NOK+85, NIA18, OG16, Oi08, ORPS09, PEL11, PFPJ18, PCB18, Piz17, Poj91, PS23, RKT20, RHR20, Raj79, RWC21, RZ14, Reo03, RK18, RFBL00, RY10, RJK+17, RCTY19, SZKY21, SBB19, SSBP20, SHR19a, SHR19b, Sch13b, SSMGD10, SEM+20, SHLJ13, SM23a, She91, SCEG08, SASG13, SSEA18, SL00, Sig89, SGGB99, SGGB00, SKC73, Smi97, SYMA17, SZA20, SMA+10, SBP+17, SSU+12, Str05, TSYB18, TMLL14, TDD20, Tay76, tTR82, THG+18, TIIN09, TLY14, TLWZ18, TLY18, ZLCZ18, ZYLY18, ZWC14, dSOK17, AEM14, AAB15, Ano97a, Ano97b, Ano97c, Ano97d, AC98, BD01, BP01, BP03, BDZ17, Ca00, CWY05, CK87, Cla97, Cog97, CDG97, Cra98, Cza00, DD20, DCA04, DLS+01, eng99, FIS11, FFB+00, Fra98, FK03, Fu91, GKP+19, GGG03, HT98, HM01, HLW+23, HWB03, HB08, Ivo03, JRO2, JDJ+06, JJO2, Juo07, KM13a, KM13b, LMG00, LMG01, LB98, LV99, LY97a, LY99, LYBB13a, LYBB13b, LTK17, Men03, MB09, Mon97, MP01, OI97, Oi05, Oi06, PTHH14, PN+20, PRB07]. Machine [Ran02, RRB19, RB01, SMM02, SSB+14a, SH04, Sch13a, SMES01, Set13, SMSB11, Sl03, SGV12, Sim92, Siv04, SSB01, SSB14b, SM02, Sur01, Tai98, THBB22, Tol98, TO96, TR88, UR15, Ven99a, Wel02, Wol99, WWMG06, vD00, Ano97a]. Machine-Based [LW11, WB81, CGV10, WKTO8, YZW+13]. Machines [Ano75, ASSB18, At73, AH68, BMS16, BP99, BDJD02, BSSS14, BWH+19, Bee05, BB13, BPS73, BRX13, BG73b, BCG73a, CL17a, CW12, CCL12, CWS12, CGMD19, CSS+13, CL16a, CCO+05, CH78, CHLY18, CDN02, DSM14, DEK+03, Den01, DK17, DMR10, DKW15, Do11, EGR15, EGJS15, ECJ+16, Ert03, EDS+15, Gal75, Gal73, G+01, GTS+15, Go71b, Go73b, Gum83, Han73, HKLM17, HB17, HZ17, H020, HS06, HPP15, Ian14, JE12, Jen79, JXL+12, JAS+15, JK+10, KCHW14, KJL11, KP15,
KPHA20, KAH83, Kov19, LMR18, LXL15, LYY17, LLWM23, LD05, LXW+23, LHP06, LW12, LJL+15, LLZ18, Mac79, Mal73, Man15a, MD12, MGL+17, MM94, Par71, Par72, PSBG11a, PS16, Ran20, Rev11, Ros04, SD01, SCSL12, SV13, SN05a, SN05b, Sta97, SKI+17, Sup04, TTH+19, TV12, UT87, Vog03, WLW+15, WGL13, WZL15, WLL16]. **Machines**

[Win71, XSC13, XLL+14, XLL+20, ZRD+15, vLSM01, Agr99, ABB19a, AAH+03, ADA+19, AGH+16, AT316, AAM+16, AMAB17, AS14, BAC15, Bac11, Bag76, BML+13, BDF+98, BHvR05, Bel06, BB12, BB15, BJ22, BPM+22, BBM09, BBS06, BB95, CL17b, CGM17, CSSE21, CCL+17, CH08, Cra05, Cra06, CWdO+06, CLL+13, DDS+94, DC15, DEG+17, DQLW15, DSZ11, DCMW17, EB20, EGD03, EM06, Ert05, EL98, EMS15, FBZS12, Fit14, FHL+96, FGLI15, FX06, Fu10, GI12, GVI13, GJK+20, Gol73a, GKI+19, GLV+10, HKS19, HM18, HMH17, HZG+14, Hin97, HDG09, Hol95, IMBB20, JES+15, JWH+15, JDW+14, JGSE13, KDK20, KSSG16, KR16, LMJ07, LZC+16, LLF+18, LYL+15, MC13, LTZ+14, LSS04, Man15b, Mat09, MK19, MG13, MRG17, MMTM22, hTMAC+08, MPM+20, NK10, NOR15, PKS+19, PFH+16, PSBG11b, PM05].

**machines** [PDM20, PBYH+08, PRS16, PV08, uRQS20, RK16, RH17, RHR02, RG19, RT18, SJB14, SS13, SENS16, SNV10, Sch09, SSN12, SJJ+12, SJW+13, SWH+13, SLR+13, SSL+12, SPK18, Ste14, Str13, SK13c, SLA+16, SHT11, Syr07, TZK17, TGF08, TMMV12, TGD+06, TLcC13, VT14, VED07, VWL13, WQG15, WXZ+17, WDT18, WSC06, WSY90, WRSvdM11, WSC+15, XNH21, XHCL15, XXW+17, XTB17, XA22, YC98b, YWFO9, YJ22, YWGH13, ZBG+05, ZWHC17, ZWL09, ZSR22, ADM98, BHD509, CT03, C197, MLG+02, PEC+14, SM01, UBF+98, VED06, YC98a, ZS01].

**macro** [Wel02]. **macro-architecture** [Wel02]. **Made** [Ste05].

**Mail** [Joo06]. **Main** [AW17, AMH+16]. **mainframe** [GBO87]. **Mainstream** [ULo06, BBHL08]. **maintaining** [HPB06]. **maintenance** [LSS04]. **Major** [Cap21]. **Make** [THB06, BC10, DMR18]. **makes** [Wal10]. **Making** [HKW13, NSC+22, Voe86, XLL+14, CFRSSR19, FA21, SJJ+12]. **Malicious** [SMA18, Kip21].

**Malware**

[CLS07, CD12, GG11, AD18a, CVWL13, CWdO+06, PDM20, YJZY12].

**MAN** [TGD+06, YPPA01]. **MAN/WAN** [TGD+06]. **manage** [Car14, Fit14]. **Manageability** [Gua14, MW05]. **managed** [CGBM12, CFG+13, GKO5, RJK16]. **Management**

[AW17, CTP+17, DMR10, HTW+19, HC17, HTB22, KGGS17, KGGS18, KR18, KL14, Lur09, LJL+15, LCMV17, LCF12, LX+16, MBWW86, MGD98, PLMA18, PYYG21, RC18, SMES01, SC17, SDD+16, SKT+19, SP22, TB17, WIS+15, WLW+15, WGLL13, YYY+23, ZCL+21, AHK+15, ATS16, ARMMA18, BAC15, Beg12, BBMA91, BHD509, BN89, CH08, Cla05, EBJ17, Fit14, Fu10, GTGB14, GLK+12, GAHL00, HK19, HB13, IMK+13, IPRS21, KCKC15, KMG+18, KF18, KB17, LLS+08, MR23, MS00, MBA+12, NBS18, NS07, dOL12, RH17, RHR20, RP07, RJK16, SBBP20, SG10b, SWC08, TRG13, WAL02, WDCU18, WWWL13, WB16, WSC06, WSVY90, YLCH17, YWTC15].
Management-Complexity [SP22]. Manager
[Car13, Car14, KMT14, Apr09, MBA+12]. Managing
[BB13, KGZ+04, LCZ+19, BCP+08, J+05, YLHJ14]. Manipulating [GK05].
Manufacturing [NHl22, LLS14]. Many
[Bai70, JAD19, JYM+23, LPB17, SXMX+18, CLL+13, DQR+13, WR07].
Many-Objective [LPB17]. Manycores [HPP15, KHW+16]. Mapped
MapReduce [HSC15, RAP19, XYXY17]. March [ACM06d, An010, SS05].
Many-Accelerator [SXMX+18]. Many-Core [JYM+23, JAD19].
Many-Objective [LPB17]. Manycores [HPP15, KHW+16]. Mapped
MapReduce [HSC15, RAP19, XYXY17]. March [ACM06d, An010, SS05].
Many-Accelerator [SXMX+18]. Many-Core [JYM+23, JAD19].
CMM$^+$06b, CMM$^+$06c, GPS$^+$18, GMK17, GVI13, GNDB16, GLV$^+$10, HKN22, HB13, HHPV15, HUWH14, JSK$^+$13, JDW$^+$14, KB17, LLWW18, LSRRQ19, LJYIZ15, LF19, LLS$^+$08, MS00, PNM$^+$20, PPO14, RO16, RJK16, SEPV19, SOKE23, VED07, WWS89, WZW$^+$11, WWWL13, WK$^+$08, ZP14, ZWKK17, ZHCB15, ZWL09, ZL13, TF16. Memory-Aware [JJK$^+$11].


merging [TLX17]. mesh [SJRS$^+$13, ZGW$^+$06]. Message [GGM$^+$16, DM93, TO91, UR15, XH90]. message-passing [TO91, UR15, XH90]. messaging [Joo06].

meta [BT15, HAK22, SBNU18, TSR19]. meta-heuristic [HAK22, TSR19]. meta-heuristics [SBNU18]. meta-tracing [BT15]. metacircular [PBAM17].


Methods [BDG18, HSN17b, KKS$^+$19, Pfo13, Qia99, UT87, WH99, AAC$^+$17, BMWB86, MG19, NK22, XH90]. metric [SS17].


microcomputers [GB087]. Microgrids [GPM21]. microkernel [GMR93, Sto07, Uhl07]. microkernel-based [Sto07]. Microkernels [FHL$^+$96, HUL06]. Micromachines [Sch73].

Microprocessor [Ran02, ACT94, WW77]. microprocessors [But94]. programmable [Bag76].

programming [ML78, SP83, Tho73]. microservice [BNS18, WGW$^+$18]. microservice-based [BNS18]. Microservices [Kol19].

Microsoft [Lar09, Zim05, Ano99a, B$^+$07, Car13, CBER09, Gal09b, Joo09, Kal97, KVV09, KSS09, KS10, Lar09, MRM06, Not92, Ste05, Won97].

Middle [ZYH$^+$19]. Middleboxes [KRS$^+$17, YDW18]. Middleware [ACM05b, HOKO14]. Migrate [YBZ$^+$15, CLL$^+$13, KB21]. Migrating [JE12].

Migration [AGC18, ABV12, BWH$^+$19, BFG$^+$14, BWD$^+$15, CYX$^+$17, DK17, EMAL17, GWZ16, HHTB22, HPS22, KC16, KGS16, KKL16, LSC$^+$17, LZZ$^+$15, LJJ$^+$11, LH15, LZM$^+$20, MZD$^+$18, NBK16, PS19b, RSNK17, RSN$^+$18, RJS$^+$18, SL14, SHW$^+$15, TMV12, XWJX15, XLL$^+$14, XD16, XD17, XLRWX19, YWR$^+$14, YWW$^+$15, ZRS$^+$16, ZCG$^+$17, ZDLG17, ZLZ21a, LSM01, AGH$^+$15b, AGH$^+$15a, AS14, BAC15, BMF23, BB08, CLcC13, DS20, EYGG21, FMIF18, FGLI15, GJK$^+$20, HLW$^+$10, HKN22, HTB19, HH19, HAK22, HDG09,
HPS23, JKK+13, JGW+11, JDW+14, JGSE13, KN18, KLY20, KSS+20, KSS+23, KTB17, KJLY15, LZWD15, LZC+16, LFHQ19, LLZ+19, DPBK16, MG13, NK22, NIA18, PC21, PKS+19, PDC+12, PFPJ18, PCB+18, RK16, RCTY19, SEM+20, SM01, SS22, SYMA17, SSL+13, SLA+16, SHTE11, TK20, TDG+06, WCY+17, WSX+19, WDT18, WLG+11, WRSvdM11, WRS+15, XWW+21, AXA22, YY20, YBZ+15, ZLZ15]. migration

[ZHHC17, ZFY18, ZLZ+19b, ZLZ+19a, ZFL+23, ZNSL14, ZLLL13, ZLY18, MK22, TUM18]. Migrations

[WVT+17, CBJ22, GSKJ18, JES+15]. MigVisor

[ZDLG17]. MIMO

[LZ15]. Mini

[ZXY+15]. Mini-intrusive

[ZXY+15]. Miniboxing

[UTO13]. minicomputer

[KK79]. MiniComputers

[Har77]. minidisk

[Boz89]. Minimal

[LPD+11]. Minimal-overhead

[LPD+11]. Minimizing

[LGJ+18, RSNK17, RKRK17, ZRD+15, RK16, SZ13, THG+18]. Minimum

[BAC15, FSH+13, ZLZ15]. Minimum-cost

[ZLZ15]. Minimum-energy

[BAC15]. Mining

[NASD21]. MINIX

[Kel06, vdK09]. Minneapolis

[IEE92]. Minnesota

[IEE92]. MIPS

[RWX+12]. MIRAGE

[PC21]. mirror

[Rob06]. Misalignment

[SL16]. misses

[BLRC94]. Misson

[Ano10]. Mistakes

[Ste05]. Misuse

[Aln22]. Mitigate

[WWL+17a]. Mitigating

[ASSB18, WZKP19, ASB18]. Mitigation

[LGR14, IRB19, vCPWvT11]. Mixing

[LD05]. MLN

[Beg12]. MMU

[XYD+18]. MO

[ACM97]. Mobile

[CPKL17, CPS17, CWH+16, LH16, LYS+18, MV16, RSN+18, SGB+16, SML18, USE93, WVT+17, WCC20, XZL+20, ZLW+19b, BD11, BBD+10, CM18, FC98, HLW+10, IIG+06, ISL+08, LLLE17, SASG13, WHSE15, ZLZ+19a]. mobility

[FX06, SBP+17, ZLZ+19a]. mobility-induced

[ZLZ+19a]. Mode

[Dav04, CWH+14, Co99, YLJ22]. MODEF

[SMO84]. Model

[Bar73, BRX13, CHW12, DL19b, GGK18, HKM+18b, IBM76a, KKT17, KF91, KYJ22, KAZS14, LLLM23, MTFK19, MV16, MP01, Ne04, NSJ12, WLCS17, XDLs15, YLH17, ZDLG17, AJBB3, Bar78, BMF23, BCM90, Bir94, CKP+93, EYJ21, Fre05, JFLZ17, NNN+21, RHR20, Req03, SS13, TMJ+21, WO75, YZLQ14, ZP14, ZBG+05, ZLG+17]. Model-Driven

[NSJ12]. Model-Free

[BRX13, AJBB3]. Modeling

[ACM81, CH78, GLL+21, IN87, KRG+12, LDD+14, FFNC20, SHB19, TIIN09, WDL+20, WLS+18, WZZ+20, XWH+16, BPM+22, BB95, FX06, gKEY13, SK13c, TLX17, YZSC17]. Modelling

[DPBK16]. Models

[DSM14, HBL+10, HWB03, KKE19, Man15a, RSW+06, SL16, TUM18, ADG+92, BKBR0, CPM+18, CBFH20, HJC07, Liat05, RO16, VV13, WDT18, Ble89]. Modern

[ANO03a]. Modern

[BDG18, EG01, FJZ17, GG11, KKS+19, FIF+15, KB17, ZDK+19]. Modification

[Aln22]. modified

[FS19]. Modular

[AvMT11, ADW18, DCA04, FC98, LH13, TO91]. Modularity

[SVB93, DNR06]. Modulation

[WUK+18]. möglich

[Hin08]. moldable

[HZZ+14]. Molecular

[YWCF15]. MOLP

[ZB18]. monad

[Dan12]. Monitor

[LXM+16, QT06, Ren78, RI00, RT93, Ros99, SVL01, AGSS10, ALL06,
AMA+11, COF99, KOY05, Kou11, SHLJ13, SSU+12, TT93, XZ11, ZY+18].

monitor-based [AMA+11]. Monitoring [BAL15, CCML12, DLX+17, LZW+17, PLZ20, RHV17, WLLZ16, ZL16, ZL18b, ZXY+16, ACT94, CL14, EYG21, JXZ+10, JADAD06b, LMDP19, WSX19, YCL+19, YW20].

Monitors [JHS12, KS08a, KF91, RG05, WCGS05, BDF+03, FL+08, HUL06, HPHS04, YME05]. Monona [ZL18]. Monterey [ACM05a, Ano01b, USE91, USE01c]. Mori [CPST15]. Mortar [HUWH14].

most [CK06b]. motion [Lia05]. Motorola [Ano03a, MMM84]. move [BGS13]. Moving [Cre10b, Cre10a]. MPSoC [BHI15]. MPSoCs [OVI12].

MS [Tho08]. M15 [MDFS72]. Multi [AVN19, ABV12, AP18, BB17, CLG+10, DY17, DLS+01, Fie68, GSS+18, GLBJ18, HMM17, HC17, HCB18, HPcC04, KSVR23, KR18, LHZL20, LL14, LH15, LCZ+19, MM+19, MD12, MP16, MM+94, PXM+17, PNT12, RTL+18, SL14, SCL+19, TTH+19, TSR19, TK20, WLL+13, XCMS18, XZL+20, ZL18a, ZRZY15, AD18a, AL05, ATS16, BB20, Ber07, BY20, DEG+17, DHD20, DS22, FGG14, GGQ+13, GKP+19, GH20, HZL+18, HJE14, KMT14, LC14, LYY+18, LLZ+19, LCL+23, MPM+20, RK18, RPE12, STMV18, SE12, SWH+13, SS19, SM23b, SIK+16, SWW+18, SOKE23, WDCLO8, XZ11, XZ+19, YKS16, YTS14, ZMD+21, ZNSL14, ZLL+16, JD+06, NMS+14].


Multi-Level [MM+19, AD18a, HJE14]. Multi-Objective [GLBJ18, AP18, LZL20, SL14, SCL+19, TSR19, BB20, BY20, DS22, GGQ+13, GKP+19, GH20, HZL+18, LCL+23, MPM+20, RK18, STMV18, SM23b, ZL18a].


Multipath [CFLL19]. Multiple [HTB22, BG20, CSV15, Com00, GMR93, IKU15, OKAM17, SS22, SLA+16, TMMVL12, TrLeC13]. multiplicity [SM79]. multiplier [SS22]. multiprocessing [DBO+18, TLD+89].

Multiprocessor [AGLM91, Dun86, NL19, KKWL14, WXZ+17, Bro89]. Multiprocessors [Bad87, Cro93, SLM89, TO91, WWS89, WWT89, AGIS94]. multiprogramming [Abr82]. multitarget [Bar06]. Multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multiprocessor [AGLM91, Dun86, NL19, KKJL14, WXZ+17, Bro89]. Multiprocessors [Bad87, Cro93, SLM89, TO91, WWS89, WWT89, AGIS94]. multiprogramming [Abr82]. multitarget [Bar06]. Multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multitier [XRL+22]. musical [BB08]. multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multitier [XRL+22]. musical [BB08]. multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multithreading [LRZ16, ABB+15, PV06]. Multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multitier [XRL+22]. musical [BB08]. multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].

Multitier [XRL+22]. musical [BB08]. multitasking [CD01, IBM96, TLD+89]. multitasking/multiprocessing [TLD+89].
WYZAD20, XHW+19, YLTF20, YXL+20, ZLZ+19a, ZJRW19, ZGL+17, BCD19, CEPR22, HTAY21, MCJ19, TF16, YWL+18.


O [RM03, AJM+06, AMA18, ASMA21, AD11, ABG14, ABB+15, BMS16, BHEP14, CWH+16, CDD13, CRZH15, DCP+12, DS09b, GCL+21, GAH+12, HA79, HB12, JAD19, KS08a, KBDK22, KMN+16, LLE17, LMR18, LHAP06, NsP16, PST+15a, Rus08, SBQZ14, SYC14, SVL01, THH+14, TTLC13, VW08, WR12, WTL+16, XNH21, YJZ+21, ZWFX17, ZSR+05].

O-intensive [BPM+22]. Oak [SVN+10]. Oakland [IEE84a, IEE90a, IEE91].

OAMulator [MS01]. OASIS [UBL+82]. OB [XHCL15]. Oberon [WF03].

Object [Bad82, BBD+91, BP01, CAF+91, Low88, PTHH14, PMC05, San88, STFH15, USE99, USE01b, BPB86, BP03, BZD17, DNR06, GSN93, IT86, LM99, VED07, WML02]. Object-Based [Bad82]. Object-Oriented [Bad82, USE99, USE01b, PTHH14, PMC05, San88, BPB86, GSN93, IT86, WML02]. Objectives [AP22, ML78].

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 [BDJs02]. Offers [Ano03a, Got07]. office [BRIdM10, Ano03b]. Offline [TRG13, SHLJ13].

Offloading [CL16a, GKKX13]. off [SldLB15, XZK+20]. OGSA [AKK+07].

OGSA-DAI [AKK+07]. Oktober [Müh75]. Old [Got07]. Older [SHB+03].

Older-first [SHB+03]. Oleco [Joo06]. On-Chip [GGM+16]. On-Demand [SEF+06, ZFF06, DEG+17, JCCZ13]. on-Device [XYD+18]. On-Stack [WBHN18, LH13]. On-the-fly [URJ18].

One [Bai70, Cre09, HPHV17, NKY+18, JK15, Ste14]. one-shot [JK15]. Ongoing [Car23]. Online [BFM+21, FL13a, GR15, HKLM17, HH18, HKKW13, JWL+18, Joo06, KTB17, LW02, MSC+21, NG13, RG17, SZW+16, SIK+16, SXCL14, SCL+19, XWW+21, ZHW+17, ZLCZ21a, ZWC+14, BB12, KS18b, LSS04, MPM+20, NK10, THB22, ZXW16]. Online-Handbuch [Joo06].

Ontario [ACM06f, Sö83]. onto [AO16, Bak83, BS90, PS16]. Open [AFG+17, AP22, LLWM23, SJ+05, ARA20b, ARA20a, AGH+15a, AAB+05a, FP14, TSP17]. Open-Source [LLWM23, SJ+05, AAB+05a].


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, SLM89,
The text contains a list of authors' names and their contributions to various topics. It includes references to different fields such as Operations Research, Optimization, and Software Engineering. The text is divided into sections, each discussing a different aspect of the topic, such as opportunities, optimizations, and orientations.
Overcommitment [GBK15]. Overcommitted [CWS12, WCS06, ZHHC17]. overhead [BJ20, BJ22, LPD+11, LBL16, ZHCB15, ZLZ+19a], overheads [MST15].
Overlapped [LZM+20]. overload [AHRR22a, 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].
Packing [BB17, GR15, SXCL14, XDLS15, LLZ+19, SZ13]. PACO [PAC+22]. PACT'06 [ACM06b]. Page [AW17, CWL+15, CHLY18, KYP+17, LIH16, LLZ+19, LZW+17, LZW+20, MZD+18, MT16, MT17, WLW+15, AJH12, BSSM08, CWC+14, WTLS+09].
Paging [BGM70, GHS17, HBL+10, GHS16, TKG89]. Pagoda [YSS+17].
para-virtualized [LC13]. paradigm [BD11]. PARALISP [CRZ83].
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, TV092, WCC16b, Wat86, Wat87, Wel94, YP15, ZRZY15, ZWZ20, AS14, AGIS94, BPC94, Bir94, BL90, BFC02, BB95, CARB10, Cav93, CDM+10, dCFCDf015, CRG16, CKP+93, DKF94, DDS+94, DM93, EF94, FM90, GSN93, HTAY21, Hol95, JGA+88, KJLY15, KSS+18, Kra90, Les74, LC93, McK11, MRG18, MN91, NOR15, NG13, Pou90, RH17, RSW91, She91, SL00, Taf11, WK08, YC98b, YCY+19, Ble89, JPE94, YC98a]. Parallelism [BYZZ20, HC18, YTS14]. Parallelization [LYL21, vKF13].
Parallelizing [SSL+13]. Parallels [Tho08]. parameter [Kha19].
parametric [PULO16, UTO13]. Paranoïd [Bau05, Bau06b, Bau06a].
partiality [Dan12]. partially [HH13]. Partition [Int06c, LLS+08].
Partition-based [LLS+08]. partitioned [Van06]. Partitioning [Bad87, Ian14].
Partitions [Int06b, SJRS+13]. Party [CRZH15]. Pascal
Pass [PYDG22, XYD+18, PDC+12, YLWH14].
Pass-Through [PYDG22, XYD+18, PDC+12, YLWH14, MLA83].
passé [BC10].  Passing [Fra98, GGM+16, DM93, TO91, UR15, XH90].

Passsthrough [XD16, XD17].  Password [CD12].  Past  

[Sup04, Var91, BJG19, BS96, JKDC05].  PASTE’01 [ACM01a].  patches  
[Ano07].  patching [PM19a].  Path [GR20, AM16].  PATHWORKS [Nou92].  Pattern  
[CFM17, HPP15, YDW18, ZDLG17, OK90].  Pattern-Aware  
[HPP15].  Patterns  [Ahn22, CL17a, ESY+17, PMC05].  Paving  [FLZ+20].  Paxos  
[HMS17].  PBS [ZLL+20].  PC  [ACM04a, GBO87, Mon97, Voe86].  PCI [YLWH14].  PCs [Ros99].  PCVM.ARIMA  
[CSSE21].  PDB  [HHH04].  PDC  
[M+06].  PDP  [Gal73, GBO87, Ham76, PK75a, SP83, She02].  PDP-10  
[Gal73].  PDP-11  [GBO87, Ham76, PK75a, SP83].  PDP-11/40  
[GBO87].  PDP-11/60  [SP83].  PDP-8  [She02].  PDS  [AAB+05b].  Peak  

[LT12].  Pedagogy  [CLKEF21].  PEMU  [ZFL15].  penguin  
[Bau05, Bau06b, Bau06a, Fab13].  Pentium  [RI00].  Perceiving  [XWH+16].  perception  

performability  [EBJ17].  Performance  

[ACM98, ACM04b, Ano03b, AD11, Bad82, BPM+22, BL90, Cal75, CFH+79,  
CFH+80, CGS06, CHW12, DLL18, De 06, D SZ11, EDS+15, GE85, Gua14,  
GKB15, HSK17, HTB19, Hor73, HB12, IEE96b, IEE06a, IN78, IBBA0,  
JR02, JK13, dCJR16, KCWH14, KSO8a, 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, Raj79,  
RCM+12, RP07, SHW+15, SD01, SCSL12, SDD+16, SLC20, SJA+17, SM92,  
SP22, SM02, TSN+23, THC+14, URJ18, UT87, VP16, Vog03, WDL+20,  
WKTO8, WCC16b, WWL+17b, WZL+23, XJL16, YC98a, You73, YWCF15,  
ZLS17, ZRZY15, ZWL+18, ZTA+21, ZJXL11, dGG+17, AKK+07, AHH+03,  
AGH+16, Ano96, AWR05, ASB18, BML+13, BB12, BJG19, BJ22, BMM09].  

performance  

[BMER14, CBG12, CBZ+16, CCW+20, CMP+07, DQR+13, DLL+16,  
DSSP06, DLH+20, DYL+12, ESM15, Fit14, FF96, GP13, G+01, GVI13, G+05,  
GAI+12, HKJ19, Han16, HHS18, Hug02, HCl12, HLI3, KBK+21, KKJ14L,  
KL13, Kon11, KCV11, LBZ+11, LLE17, LM99, LGM00, LL14, LQD+18,  
MCC18, MA10, MST+05, MUKX06, M+06, MGG+18, MW05, NB11, OL13,  
PJJ+19, PV08, QXH18, RRH02, RAP19, RQD+17, Rix08, RGS+20,  
RCTY19, SEN16, SE12, SBN18, SP83, SEPV19, SB10, SPF+07, SYC14,  
SPAK18, TIIN09, VW08, WTL+16, WWH+17, XJW+18, XZK+20, YCG9b,  
YZLQ14, YQZ14, YQZ19, YZV+18, ZSR+05, ZSW+06, ZFL+23, ZLCZ18].  

performance-aware  [ZFL+23].  Performance-Based  [CHW12].  
Performance-directed  [RP07].  Performance-Guaranteed  [ZWL+18].  
performance-optimized  [RGS+20].  performance-to-power  
peripheral [VWT13]. Peripherals [BG74]. Persistence [SCD90, PNM+20].
Persistent [GH91b, Lov88, SMES01, SXH+19, ZCL+21, LM99, LMG00, MS00, PNM+20, LMG01]. Personal [Hir92, LBP+07]. Perspective
[FLZ17, Han16, LCZ+19, RSGG15, SMP22, FP14, LDDT12, PAKY16, Wal10].
perspectives [MA10]. Pervasive [HH04, BTLNB+15, HH05]. Petascale
[Gei02]. Pete [Gal09a, Gal09b, Gal11]. PEVM [LMG00, LMG01]. Phantasy
[RZF19]. phase [JK13, SZKY21, TF16, ZL13]. phases [RHR02]. Phi
[GGK19]. Philosophy [Com65]. Phoenix [ACM03a]. Phosphor
[GTN+06]. Pi [DCA17]. Piccolo [CHPY17]. PicoJava
[MO98, TO96, OT97]. Picojava-I [OT97]. Pin
[ZFL15]. Pioneer [War11]. Pipelines
[RKRK17]. PIPPIN [DH01]. Pittsburgh
[ACM96, ACM04b, IEE04]. PL [SKC73]. PL/EXUS
[SKC73]. Place
[USE01a, Fab13]. Placement
[AAA21, AAR22, BYZZ20, BMJ+22, CGC16, GLBJ18, JQWG15, KP15, LPSS19, KL19, LTE12, LLWM23, LYS+18, LPB17, Man16, MZ20, PAC+22, PHXL19, SJ21, SHZ+14, WCC20, XZL+20, YYW+17, ZWL+18, ZHL16, dSdF16, AD19, AJBJ23, AHRR22a, ATZP21, BB20, CL17b, CCL+20, DS19, EMI15, FLS+13, FZS+20, FS19, FA21, FM18, FMJ15, GGG+13, GH20, GA18, HM18, HZL+18, HAK22, IK15, JKH+18, KBDK22, KHL17, KTO+15, KHA22, LRR+19, LBS+11, LZW+15, LWL18, LXL+23, LPBB+18, MS17, Man18, MAN+16, MHM+19, EYGS19, PON19, PS23, RKT20, RWC21, RYK+17, SZKY21, SBI21, SM23a, SM23b, TMILL14, TSS19, THB22, TMMVL12, WHW20, XTB17, YPLZ17, ZWHC17, ZLW+19a, ZLZ+16, ZWH+17]. placing
[XWW+21]. PLAN [CTP+17]. Plane
[GGK18, AMIA19, LRP+19]. Planes
[UVL+13]. PlanetFlow [HBP06]. PlanetLab
[MPF+06]. Planning
[IBM72, IBM73, Hal08, MIS+05]. plans [Kal97, Lot91]. Plant
[BYZZ20]. Planning
[Zim05]. Platform
[DHPW01, DMP+15, Fra09, GWZ16, GPW03, HCB18, JXL+12, JJ02, MCE+02, PPS+18, SML18, Sun99, TCP+17, VGF16, WL96, Wal99, WBHN18, ZSP+21, AMB+17, BDS+10, CSMB15, DCA17, Fra06, MW18, PW03, WQG15, WCC+16a, WLW+11, XZ11, YJZ+21, YMY17, Ros99]. platform-independent
[PW03]. Platforms
[AMA18, ASMA21, Ano06a, BDG18, GLS15, SN05b, Uhl06, YP15, BSL+18, BS19, DPW+09, GLK+12, MRM06, MBBS13, NV05, SWH+13, SBP+17]. Player
[Joo06, Zim06]. Plex86 [Law00]. Pliant
[KDB16]. Pliant-based
[KDB16]. plotter [MSCK92]. plug [Kag09]. plug-in [Kag09]. Plural
[UT87]. pocket [BDD+10, FFB+00]. POF
[DS20]. POF-SVLM [DS20]. point
[XJW+18]. pointers [AT16]. points
[TLX17]. points-to
[TLX17]. Policies
[CC77, KC12, NMMP15, KBDK22]. Policy
[CTP+17, EMW16, JFPL16, LDRS18, SL14, JFZL17, SZKY21]. Policy-
CTP+17]. Policy-Compliant
[LDRS18]. Polling
[PYDG22]. polymer
[NRS92]. polymorphism
[PULO16, UTO13]. pooling
[WRSvdM11, WRS+15]. POPL
[ACM99]. POPLOG
[SSG90]. Port
[DBMI92]. Portability [Hir92, JR02]. Portable
[HWB03, Ibs84a, SMK02, Ibs84b, FCG+05, HK07, LTK17, AEMWC+12].
Porting [Caa00, JJI91, Kl+06, MB98, Shi03, vdK09]. Portland
[IEE93b, USE85]. position [Hin97].
pos [AGJS16, HG09]. Post-Copy [AGJS16, HG09]. Postroom [Osb01].
Potential [CLKEF21, FRD+08, Got07, JK13]. Pour [Han73]. Power
[AAM+16, CLL+23, DSM14, GPM21, HSK17, KBB11, KLJ14, LZ15, LGJZ16,
LLE17, MAK18, MV16, MJW+06, PLZ20, RSNK17, RSN+18, SSN12,
SDD+16, Sta07, VW13, XDL15, ZWL+18, CBG12, CMP+07, DLH+20,
EB17, FL+13, HH18, HH19, IMK+13, JKK+13, JNR12, KK12, NS07,
RHZ+17, RCTY19, TDG+18, TUM18, THC+14, WSR13, XHL+13, YZL14,
YLHJ14, YLCH17, YW20, A+04, B+05, G+05, MBBS13]. Power-Aware
[SDD+16, ZWL+18, KBB11, JNR12, RHZ+17]. Power-capping [JKK+13].
Power-efficient [AAM+16, LLE17, SSN12, KK21]. POWER5 [AAB+05c].
PowerPC [But94]. ppXen [ASB18]. Practical
[BJH+16, DLX+17, HN10, Kna93, P+23, WLW+18, WBH18, WHH+17,
F15+15, PJJ+19, SNV10, TC10, Wun13]. Practice
[Bec09, Cre08b, Lar09, SMH+03]. Practices [MO98]. Praxis [Bec09].
Praxisbuch [Lar09]. Praxisführer [Bor01]. Pre [LUL+05].
Pre-virtualization [LUL+05]. Precedence [EGR15].
Precedence-Constrained [EGR15]. Precise
[LIJFS17, BBS14, CCW+20, TLX17]. Precision
[ADM98, BKM87, KKS+19]. pre-conditioned [MM92]. Predicate
[UOKT84]. predicates [JKDC05]. Predictable
[KR18, LTE12, XLM16, LTK17, HK07]. predicting [WQG15]. Prediction
[EVCL21, HM20, LWC+17, ZDLG17, ZF1+22, ADA+19, BKT+19, CEG07,
CCW+20, EGY21, EG03, HLBZ20, KJJ+07, KCV11, PT+18, RA18,
Raj79, SOK23, SSN94]. Prediction-based [HM20, EGY21]. Predictions
[BFM+21]. predictive [CSSE21, XJ+14]. Predictor [BSM08].
Preemptable [OL13]. Preempted [OL16]. preempting [SJB14].
preemption [YQZ14]. Preemptive [PG17, PG18, YXL+20]. Preferences
Preliminary [HW93]. prep [IPB09]. PreScheme [Ram93]. Presence
[KBK+21, CFX+13, CJJ+22]. Present [Var91, JKDC05, Yur02]. presented
[ACM90]. Preservation [JE12, BB08]. preserve [STH15]. Preserving
[BS96, DNR06]. Presidio [St+05]. pretenuring [BOF17]. Prevent
[KLY20, SYB12]. Preventing [DL19b, Kip21, WLS17, PRB07].
prevention [MA17]. previous [STFH15]. price [WHC16]. pricing
[ADA+19, DEG+17]. Primary [PP16]. Primitive
principled [WSAJ13]. Principles
[ACM75, ACM99, ACM03b, GOL73c, Juo07, PJZ18, SHW+15, Vra05, SS22].
Prioritized [FBM+21]. priority [OKAM17]. Privacy
[IEE84a, IEE90a, IEE91, WYL+13]. Private
Privileged

Pro [MPF +06]. Proactive [GKBB15].

probabilistic [PKS +19]. probability [LYY18].

Problem [AAR22, BL17, BFG +14, GWZ16, Man15a, GLW23, MM92, EYGS19, SL00, XA22].

Problems [GR20]. Proceedings [ACM96, ACM97, ACM99, ACM04b, ACM05b, ACM06a, ACM06b, Ano99b, Boa00, EIE66b, LCK11, USE99, USE00a, USE00b, USE01a, USE01b, ACM00, ACM03b, ACM05a, ACM06f, Ano93, GHH +93, HHK94, IEE85, IEE04, JPT94, Mat10, MR91, SS05, USE85, USE86, Vra05, ACM75, ACM81, ACM89, ACM90, ACM01b, RM03, ACM04a, ACM05c, ACM05d, ACM06c, ACM06d, Ano01b, Ano04b, Ano06a, BW03, IEE84b, IEE84a, IEE90a, IEE90b, IEE91, IEE92, IEE93a, IEE93b, IEE05, IEE06b, IEE06a, MS91b, Ost94, So68, Shr89, Tho93, USE91, USE93, USE01c, USE02, USE06, M +06].

Process [AGLM91, Bal91, ETAB22, HPHV17, MZG14, RB01, SC17, Tho93, AC95, LZWD15, EYGS19, PAKY16, PTD +18, XCJ +14]. process-aware [XCJ +14]. Processes [JADAD06a, Kim84, SN05b, FA21, WT91].

Processing [DKW15, GLL +21, Loy92, MME19, VLZ16, DH01, EF94, GSN93, IM93, KHL17, KWZ +19, LKY +17, LRP +19, LMDP19, LG93, MMM +18, WWT89, Win13, ZDK +19, ZGL +17]. Processor [ISE80, NLS +06, RXW +12, SKJ +17, BKR20, IJL +06, LRC05, VdlFCC97, WDSW01, WLL +13, WJGA12].

Processors [DSM14, Gei02, MT16, MT17, MBK +92, PNT12, RTL +18, KKC +16, MN03].

product [IBM88, LCK11, SV17]. production [SL00]. Products [Ano03a, Ano03b, Ano05]. Professional [vH08, IJP90, Ham07, Khn09].

professionellen [Zim05]. Profile [WKJ20, AWRO5, WKJ17]. Profiler [SH04, VL00]. Profiles [Int05b]. Profiling [LV99, Sun95a, YWW +15, DSZ11, NK10, SSB +14a, STY +14, TZK17, TSN +23, THC +14, YZLQ14].

Profiling-Based [YWW +15]. Profit [BYYBT16, MLG19, ZHW +17, LWL16]. Profit-Maximizing [BYYBT16].

Profitability [WUK +18]. Program [ACM01a, Com65, Cre65, FTNY69, Ham05, HB08, MSG01, SZ88, ABBD +91, BPB86, Ob87, She02, WGF11].

Programm [Mar08]. Programmability [EMW16]. Programmable [DCG12, DMS02, FS11, Ken80, Kov19, MSS +15]. Programmer [PSBG11a, PSBG11b]. programmers [Hee07]. Programming [ACM90, Arm78, DK75, Eng99, Gai75, GMP89, GH91b, LFBB94, Luc97, SYB12, Sub08, Sub11, Tho68, To98, ACM99, AS85b, Al91, BCM90, CPM +18, Ham76, Jou85, Keg09, ME87, MRG18, RSW91, SMO84, Tai98, AS85a].

Programming-in-the [DK75]. programming-in-the-small [DK75].

Programs [FS12, Kam83, NMP15, Wel94, CK06b, CK06e, CNG16, DK94, EGD03, GMR93, IM75, Kee68, Wak99, Wol99]. Progress [ZRD +15, ZHCB15]. project [AAB +05a, CKP78, Lot91, RD90]. projects [AL05]. PROLOG [Clo85, Ode87, War80]. Promenade [CFL19].

Q [AJBJ23, Che21]. Q-Learning [Che21, AJBJ23]. QEMU [WR07, WR08, CK06a, CK06b, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s, Bar06, MZG14, WR07, WR08, vdk09, CK06a, CK06b, CK06c, CK06d, CK06g, CK06j, CK06k, CK06l, CK06m, CK06n, CK06o, CK06q, CK06t, CK06r, CK06s, Deu08]. QM [Fli77].QM-1 [Fli77]. QoE [KS18a]. QoS [FAA17b, BAC15, DXM+17, FAA17a, HLPY16, KN18, KCY22, KP15, LCL14, LWL16, LYGG20, PS23, XZL+20]. QoS-Aware [XZL+20, KN18, LWL16]. QoS-Aware [XZL+20]. QoS-Oriented [LYGG20]. QoS-Satisfied [KCY22]. qualitative [ALW15]. Quality [BB13, MHS21, SV13, VOS12, WKJ20, CMG+19, LYY+20, NZH20, TDD20, WKJ17, XXWG23]. quality-aware [LYY+20]. quality-of-service [NZH20]. quantification [BKH+06]. quantify [TZK17, TDG+18]. Quantifying [FFB+00, PJZ+19]. Quantitative [YZW+13]. Quantum [NLD+23]. Quelle [LC09a]. Quemu [CK06a]. Query [WK90, KHL17]. querying [CRK17]. queuing [Pon19]. Quick [NOT+17]. QuickDedup [SSG+20]. QUICKTALK [BMWB86]. QUIS [CRK17].
R [Fro13, KMMV14, Vit14, Wün13]. R2
[Bod10, KS10, Apr09, Bod10, Car14, Gal09b]. Raccoon [ZWFX17]. race
[HHPV15]. races [DKF94, PRB07, WCG14, XXZ13]. Racket
[FDD+19, KFF12]. Radio [AAJD+16, SKT+19, LJR12]. RAID [SPAK18].
railway [FP14]. Rain [HS19]. RAM [GGJ+92]. Random
[CFL19, ABDD+91, Fer11]. randomized [JGA+88, KFF12]. randomness
[RY10]. range [HP77]. ranking [RAP9, SS19]. ranking-based [RAP9].
Rapid [But94, GMK17]. rapidly [BSM+12]. Raspberry [DCA17]. Rate
[CFL19]. Ratio [WDL+20, DLH+20, RCTY19]. RBPSO [WGY20].
rCUDA [CPM+18, PRS16, PS19, RSC+15, SIRP17]. RDMA [PST+15].
RDMA-capable [PST+15]. Re [MKM+08]. Re-engineering [MKM+08].
reachability [KY16]. reaction [KK21]. Reactive
[DSM+18, Kol19, NMMP15]. Read [MJW+14]. Read-Performance
[MJW+14]. Real [AAR22, AE01, BE17, Ben21, CW03, Cla97, FXHY21,
Pgm21, 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, Nic12, PTD+18,
RK18, SBNU18, WQG15, YCL+19, ZEdlP13]. Real-Time
[CW03, FXHY21, Pgm21, 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 [CKP+93].
Reality [BG20, CB07]. Realizing [UT87, Syr07]. Reallocation
[LWZ+18, BY20]. RealNetworks [Ano03a]. Reap [HPHV17]. reasonable
[KJ13]. reassignment [STMV18]. rebalancing [LZLY20]. Rebuilding
[FDD+19]. RECAP [Ben21]. Receives [War11]. Rechenzentrum [See08a].
Rechenzentums [Mar08]. recipes [Car14]. Reclamation [Bad82].
recognition [KKM+13, OK90]. Recommendation [XLL+20, PAKY16].
Recompilation [THL03]. Reconciling [KPHA20, ABG14].
Reconfigurable
[BHI15, IBBA20, KG16, SML18, STY+14, UVL+13, ZL18a, FX06, HH13].
Reconfiguration [MGDS98, QLL+21, ZWZ20, JES+15, LJ12].
Reconsidered [Sta07]. reconstructed [AD18a]. Reconstruction
[ASP22, Sch13]. Record [JKB15, IEE96a]. Record/Replay [JKB15].
recorder [LBP+07]. recoverability [KY16]. recovering [LRC05].
Recovery [KKLV16, AAF+09, BGS13, CHCC07, FL13b, Knu11, MSI+12,
STF15, Tay76, ZW16, BBMA91, Mar08, MSS91]. Recurrent [LCZ+19].
Recursion [War80]. Recursive [BN75, LW73, FHL+96]. Red [G+06].
Redirection [FL13a, LYS+18]. redistribution [KNH18]. reduce
[FLL+13, GPS+18, LLZ+19, RJK16]. reduced [VED07]. Reducing
[ELC+19, HPHS04, Hu90, HS06, KY16, LBZ+11, MV16, PLMA18, SC18,
ZLZ+19a, ZLW+19a, KJM+07, MA21]. Reduction
[JJK+11, Wat86, Wat87, ZHL16, HCJ07, LJYZ15, TDG+18]. Redundancy
[Tay76, WTJR22, GLV+10]. redundant [KJJ+16, ZWH+17]. Reference
[Ano03a, CRZ83, Hal79, HPP15, LC09a, XWX+17, YTY00]. Referenz
[LC09a]. Reflection [FPS+02, ORPS09]. Reflections [MLA83]. Reflective
[CGMD19]. region [HLW+13, LXRS19, YC16, vKF13]. region-based
[YC16, vKF13]. Register [CK87]. registers [SCEG08]. Regular
[Cox07, Cox09, Cox10, Cox12, KP99, Tho68]. Regularity [DPCL22].
Regularity-Based [DPCL22]. verification [RBB17]. Reincarnation
[Ros04]. REINFORCE [KLR+20]. Reinforcement
[HPS22, MSC+21, QB+23, WZZ+20]. Reinventing [Hof20]. Rejuvenation
[SA09, AMA+14, MNT14, TUM18]. Relation [KLLT18]. Relational
[WK90]. Relationship [Mal73]. Release [IBM73, IBM94, IBM96]. Releases
[Ano03a, Ano03b]. relevant [NP13]. Reliability
[BCG73a, BCG73b, ES+17, FZS+20, HXZ+16, XH16, MD74].
Reliability-aware [FZS+20]. Reliable [PEC+14, THB06, WYW+17, Car14,
SHR19a, SHR19b, Van06, WQG15, WXW15]. Reliably [TCP+17].
relocation [KJLY15, MR23]. Remaining [XLWX19]. remapping
[AS14, LJJ12]. Remote [FLM+08, JKB15, JHS12, KBC21, KM+16, Bor07,
CPM+18, CMGI+23, GCARPC+01, RSC+15, RS16, SIRP17, SWW+18].
Remoting [MGL+17, SM23b]. remoting-based [SM23b]. removal
[FDF05]. Rendezvous [SM92]. renewable [KTB17]. Renewal [WN17].
ReNIC [DCP+12]. Reno [ACM89]. rental [FBZS12]. Repair [SEK+19].
repeatability [Vit14]. Replacement [GH12, WBHN18, LH13, uRQS20].
Replay
[BJH+16, JKB15, KM13a, KM13b, RTL+18, SCFP00, CLG+10, WXW+17].
Replaying [WKG17]. Replica [GLB18]. Replication
[CWL+15, LJJ+11, DCP+12, KJJ+16, LMV12, dSOK17]. replications
[CBJ22]. reply [DM76]. Report [Ano01a, Ano02, Ano04a, CBLFD12,
FDM+19, Int06c, Int06a, PBAM17, Pul91]. repository [AWR05, GKP+19].
representation [T86]. representations [dCJR16]. reproducibility
[Vit14]. Reproducible [MB20, Boe15]. reproducing [PTM+15]. Request
[LXS+18]. Requests [MLXG19]. Requirement [YWR+14]. Requirements
[AP22, Go71a, LCMV17, PG74, BG20, PG73]. ReRand [WWL+17a].
Research
[AP22, AAB+05a, Ano00, Ano01a, Ano01b, Ano02, Ano04a,
Ano04b, Boa90, CLKEF21, Cre65, DMS02, IEE90a, IEE91, Kim84, Ten17,
USE01c, USE01d, USE02, ARA20b, ARA20a, AGH+15a, ADWM18, BJG19,
Boe15, CBLFD12, Gol74, Her10, SVN+10, Vit14, ZJR19, HSM17]. ReSeer
[WXZ+17]. Reservation [HC18, ZWC+19]. reservations [THG+18].
reserved [DEG+17]. reserving [YLJ22]. reset [RY10]. Reshaping [BHI15].
Resident
[WK90, LF19]. Resilience [NTR18, OMB+15]. Resiliency
[KLR+20]. Resilient [VS19, BGS13, OMB+15, TDG+18]. Resistant
[THB22]. resistive [JAC+19]. resolution [GE85]. resolving [ZWC+14].
Resource
[AJ18, AAMBE21, BK+19, BBMA91, BL17, EET18, EVCL21,
FD05, GWZ16, GLS15, GA18, HC17, HO22, JZY+22, JSHM15, KCY22,
LZWC13, LCT+15, LCFL12, MSS91, MBA+12, PFPJ18, RG17, SJB14, SC17, SC18, SZW+16, SXCL14, Sur01, WIS+15, XSC13, YSS+17, ZQ CZ16, ZLG+20, ATS16, AS14, BSOK+20, Car06, CEPR22, CMP+13, EdPG+10, Fu10, HZZ+14, HH19, JWH+15, JCI8, KF18, LC09b, LYYY18, LLZ+19, LLS14, MR23, MB21, MS01, My09, NBS18, PKs+19, RGAT18, SNU18, SGV13, SGV12, SOKE23, TV18, VSMC23, VV13, Wal02, WDC108, WGY20, WB16, WSVY09, YGLY21, ZWC19, ZLG
Bad87, MDD+08, NL19, GMR93, KGS16, SLC20, SZ88. runs [FIF+15].
Runtime [GS8+18, Kam83, KP15, MB98, NMMP15, Shi03, XLWX19,
KNHH18, ORPS09, RVJ+01, STY+14]. Runtimes
[HD16, Han05, CSV19, GK05, PBAM17, WWH+17]. Rust [Kol19].

S [M+06, Ber86]. S-GRACE [M+06]. S.u.S.E [KGG00]. S/370 [Ber86].
S2H [YZ+21]. SableSpMT [PV06]. Safe [BH15, RSF+15, SKI+17, VVC+17,
CF8+12, CLDA07, MSZ09, TV18]. Safety [BS+15, HM01, MSG01]. Sagamore [ACM03b].
Sampling [Lee16, THB22]. sampling-based [THB22]. San
[ACM09, ACM06a, Ano04b, Ano10, IE93a, USE99, USE01b, USE02].
Sandboxing [GG11]. Sandpiper [WSVY09]. SANs [ZSXZ07]. Santa
[ACM00]. Sapphire [URJ18]. Satellite [QLL+21, CFVP12, SSN94].
Satellite-Terrestrial [QLL+21]. Satisfaction [LVM16].
Safety-Oriented [LVM16]. Satisfied [KCY22]. SAVE [GKJ+19].
SCADA [ADWM18]. Scala [AT16, SMSB11, Sub08]. Scalability
[KMK16, QNC07, TCP+17, VP16, BFS+18]. Scalable
[ASPP22, CL17b, DSM+18, FBL18, HJ10, HPS22, JAD19, KCY22, Kol19,
KLK+22, LI14, RSN+18, SD01, SADP21, UVL+13, XM+18, ZL18a, ZSP+21,
DS18, HLP+10, HTAY21, HPS23, LKR+19, SJ+12, SPF+07, SG10b, Uhz07].
Scale [CZ+19, HC17, PHL+12, RJS+18, RL18, SL98, XLS01, ZW+14,
ZTA+21, FPGK18, LPD+11, MSG+12, SZ13, WWT89, WC21, YZSC17].
scaled [KNHH18]. Scaling [CBJ22, HC17, JWL+18, JD+06, LW20,
PBL+16, TCP+17, AB16, SBNU18, SSEA18, TSCB19, XLQL18, AMAB17].
Scaling-Aware [HC17, AMAB17]. SCAN [Ble89]. Scenarios
[MTFK19, SADP21, KCV11, Sch13a]. Scenes [Cra98]. Schedulability
[NL19]. Scheduler [AGC18, ASB18, KCS14, RAP19, SWH+13]. schemes
[LC14]. Scheduling [ARAAA19, AD18b, BE17, Car23, EB20, EGR15,
FML+22, HSN17b, JJK+11, KDB16, LMM18, LGJ+18, LD05, LWW16,
LC13, PG17, PG18, RB17, TTH+19, VS19, WDL+20, WWT89, WC21,
ZWFX17, ZQZC16, ZZ18, ABB19a, ATZP21, BC10, CCL+20, CLL+23,
CCW+20, DEE+16, DQLW15, DVM+17, DCMW17, DS22, HKS19, JGW+11,
KSB8b, KK+13, KNHH18, KCV11, MM122, NAR19, PC12, RWC21,
RZ14, RHZ+17, SSS13, SHL13, SSN12, Sto07, TML14, THG+18, VVB13,
WQG15, WCC+16a, XJC+14, XJX+18, XZK+20, XXG23, YPLZ17,
YXL+20, YWH13, YQZ+14, YQZ+9, Yu20, ZSR+05, ZB18, MA21]. schema
[S18]. Scheme
[AJ18, AMA18, KAZS14, RSN+18, SHZ+14, YWR+14, KK21, KLYL15,
LJYZ15, SM23a, XCJ+14, YPLZ17, YQZ14, YQZ19, FM90, FDD+19, KR94].
Schemes [Do11, LSSC22, MNA16, YWH13]. Schloss [IEE01]. School
[BGP00]. Science [ACM06d, BR01, DG05, SGV12]. Sciences
[Shr89, MS91b]. Scientific
[AD18b, Bad87, RB17, CSMB15, dCCDF015, EB20, MPM+20, WC21].
FML+22, HO22, Hsu01, IGBKRI9, JMSLM92, JN15, KP99, Kna93, KAJW93, LH16, LIT92, LLW+16, LZx+21, LZM+20, MZD+18, MP16, Ost94, Ott18, PJZ18, Pap20, Par79, PBR+90, Sof83, SM06, SN23, SMA18, Shr89, SAT09, SB18, SKT+19, Sta07, SCL+19, Tho93, TBS17, Win71, YWH+21, YYL+15, ZKWH17, vdK09, ACM01a, AA06, ALW15, AAB+05b, AC95, BD11, CBGM12, CFG+13, DS19, FP14, GuZ01, HHSG18, HH13, HP77, LJr12, LWL16, MNT14, PV06, Sam22, SV17, TK20, WZW+11, XJW+18, YJZY12, ZWXX17, ZLZ13, ZHC15, 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, ZKWH17, ALW15, HHSG18, LJr12, TK20, XJW+18].

**Softwarization** [CM18, Mon22]. **Softwarized** [EVCL21]. **Solaris**

[VSC+10, WF03, Ga11, HDM08, Sec10]. **Solid** [SYC14]. **Solid-State** [SYC14]. **Solution** [CHW12, CXLX15, Coh10, DMG+15, Gua14, KDB16, PYDG22, XYD+18, BKT+19, DSS19, MPA+18]. **Solutions**

[HN10, PM19b, SL16, ATS16, AGIS94, EM13, PZH13]. **Solve**

[Cap21, MTFK19]. **solver** [TB14]. **solver-aided** [TB14]. **solvers**

[GCARP+01]. **Solving** [AAR22, AX22]. **Some** [Ker88, Par71, Man15b].

**Sorrente** [M+06]. **Sorting** [BGM70]. **SOSP** [ACM03b, Vra05]. **soul**

[McM11]. **sound** [BHSB14]. **soundness** [Req03]. **SOUP** [ZFH+22]. **Source**

[Ano03a, LLW23, SJV+05, SNS03, AAB+05a, But94, CRK17, Cia07, JM08, LC09a, PW03, SIK+16]. **source-level** [But94]. **sous** [Apr09]. **Sova**

[YWH+21]. **SP** [IBM94]. **SP2** [Boz89]. **Space**

[XML+18, Kha19, PEL11, PG11, Web10, WXW15]. **space-efficient** [PEL11]. **spaces** [GH91a]. **SPAN** [RD90]. **Sparks** [VN08]. **sparse** [Kra90].

**sparse-matrix** [Kra90]. **Spatially** [HW93]. **SPC** [JYW+13]. **SPC-indexed**

[JYW+13]. **speaking** [Sam22]. **Special**

[Bag76, Cre65, KM13b, TZB19, WYZAD20, Yur02]. **Specialized**

[BDK+08, ZZW+21, PGL12, Yur02]. **Specific**

[HHV+02, WIDP12, JKDC05, ZS01]. **Specification**

[Col97, DMS02, LY97b, LY99, LYBB13a, LYBB13b, LYBB14, LS15, I179, Qia99, Sun95b, SUN97, JCV99, Taf11]. **SPECjvm98** [LJN+00].

**Speculation** [AC16]. **Speculative** [ZLL+20, GH12, PV06]. **Speed**

[KKS+19, GGJ+92, LRP+19, RPE12, UTO13]. **SPEED08** [VW08].

**spherical** [Ho95]. **Spielesammlung** [CK06q, CK06t, CK06r, CK06s]. **Spin**

[CWS12, WSC06]. **Spinlocks** [KMK16, OL13]. **SPIRE** [JYW+13]. **Split**

[HWHW18, SLJPP11]. **spoofing** [SDN09]. **Sporadic** [BE17]. **Spot**

[TVK16, VS19]. **Spotless** [MS00, SMES01]. **Spotlighting** [Ano06a]. **Spots**

[WBB+16]. **Sprache** [Dalxx, Dal97]. **Spreading** [CLW+14]. **square** [DG05].

**squeak** [Guz01]. **SqueakJS** [FIF+15]. **SR**

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

[DYL+12, DCP+12, HB12, XD16, XD17, YWCF15]. **SRVM** [XD16]. **SSDs**

[HC18]. **St** [IEE06a]. **St.** [ACM97]. **Stable** [XRL+22]. **Stack**

[AE01, Cia07, HB12, NCS+22, Ran02, SSOT17, WH99, WBHN18, KRCH14,
LH13, WW77, SCEG08. Stack-Based [Ran02, KRCH14]. Stackdb [JHE14].

**Stack** [CLG+10]. Standard

[DPCL22, MR04, RSF03, WKG17, Ano94, Rus08]. Standards

[Mar81, SG10a]. standards-based [SG10a]. Stanford

[IEE96a, IEE97, IEE99]. start [KMT14]. Startup [HS06]. Starvation

[KLY20]. State [BDG18, LHW+20, LJJ+11, SGB+16, SYC14, Sur01, TV12, AEB19, MPA+18, Sch13b, Sig89, Ven99b, Web10]. State-Based [TV12].

State-of-the-art [BDG18]. stateful [XHW+19]. Stateless [VDO14]. States

[SBK15, IMK+13, MC98, STFH15]. Static [JM08, YC16]. statistical

[KF18]. Stealing [PWJ16]. STEP [BDE+03]. Stephen [Fro13]. Sticky

[KC12]. STM [Sub11]. Stochastic

[CCL+20, FX06, FK13, SDD+16, HKS19, NMC18b, NMC18a, YLTF20].

**stock** [VGL23]. Stop [LWB+15]. StopWatch [LGR14]. Storage

[ACM04b, Att79, Bad82, BDT13, CC77, Cla05, ETAB22, FFBG08, FKZ17, GSW+17, KCWH14, KHW+16, KLK+22, LCK11, LJFS17, MJW+14, PPTH22, PP16, PYYG21, Rout07, SSOT17, VW08, ZSW+06, ZLL+20, ZTA+21, BN89, CCL+17, FLCB10, HJ10, HPcC04, JGSE13, LKY+17, PFH+16, Pat12, TLBW12, XJWW15, YLK+10, ZLL+19b, ZLLL13].

**Stories** [TF16]. Store [Low88]. Storing

[CWL+15]. Storms

[SB16]. Story [Arm98]. strange [Fab13]. Strategies

[YLN+17, BDT13, FGG14, GHM+18, LLS14, PFH+16, TKG89]. Strategy

[BMJ+22, LLZ18, XCSM18, ZB20, DFK94, HS19, KS18a, LPZ+22, THB22, WSX+19, Won97, YWH+23, ZLL+15, ZLH+15, ZLCZ18].

Strategy-Proof [LLZ18, ZLH+15]. Stream

[MMdE19, MV16, LMDP19, ZDK+19]. Streaming

[MSC+21, BMER14, RSLAGCLB16, SIK+16]. Streams [MM93].

Strengthen [GPM21]. stress [MC98]. String [HOKO14, YDW18]. Striping

[DK93]. Stripped [JJ91]. Stripped-Down [JJ91]. Strong

[ZZW+21, ZHCB15]. structural [ORPS09]. Structure

[Com65, LHW+20, MDFS72, SS72, ZFY18, ZLZ+19b]. Structured

[Das91, Gai75, CFS+12, IM75, Cyr07]. Structures [AGLM91]. student

[CKP78]. Studies [yCPWvT11]. Studio [Ano03b]. Study

[BBM+15, LMR18, LS2C22, LJJ+15, PXG+17, PK75a, ZAI+16, CMG+19, HII16, HI13, MFT+19, EEYS19, Pul91, RHRO2, RK18, SM79, SASS13, Sig89]. Sub [GGM+16]. Sub-System [GGM+16]. Subroutines

[HT98, Qia99]. Subset [SUN97, Req03]. substrate [OKAM17]. Subsystem

[HH79, Ste14]. Suffix [HWW18]. Sugar [YML+18]. Suitable

[Vog03, GSKJ18]. Suite [DHPW01, WZ19, DTW07, GPW03, SMSB11].

summaries [BA19]. Summary [CFH+79]. Summer

[HMS17, Sof83, USE85, USE86]. Sun [Gal09a, Gal09b, Gal11]. Superblock

[KS13]. Supercloud [JSJ+17]. Supercomputer

[MBK+92, LPD+11, XH90]. Supercomputing

[ACM89, ACM96, ACM00, ACM04b, ACM05c, Hir92, IEE90b, IEE92, IEE93b]. Superconcurrent [NRS92]. superoptimization [HW15]. superscalar
[VdlFCC97]. **supertype** [RRB17]. **Supplement** [McC74]. **Support**
[BP01, DJ77, HHV+02, HD16, HB12, KYP+17, LV99, MS18, NSL+06, NLPV12, RI00, SS90, Tu92, XD16, ZL18a, dGG+17, AC95, BADM06, BTLNBF+15, BP03, CHCC07, CFS+12, DJ76, EBLM22, GK05, NBS18, Oli78, ORPS09, PGLG12, RK18, SJRS+13, STFH15, SL12, TY14, THL03, WK08, WCS06, WLL+13]. **Supporting** [BMS16, CWS12, Kim84, Kov19, MSS+15, Mon97, RT93, XWJX15, YWCF15, ZZF06, GD08, TT93].

**Supports** [Ano03a]. surgery [PBL+16]. Survey
[ASL+20, AAAF21, BAL15, FLZ+20, Go74, HSN17b, KKLV16, KL14, KK19, LXX+23, Ma15a, Man19a, PM19b, PS16, PS19a, QTR21, SB16, SGB+16, UOKT84, VV18, WMU19, AGH+15b, CB10, DS19, FMI18, HK19, MG13, MHS21, NIA18, PBB13, XTB17, YWL+18]. Surveyor [Fra83, GHF83a, GHF83b, WNL+83]. Survivability [NHL22, YZW+13].

**Survivable** [ACA16, AM16]. SUSE [Ban06b]. **Sustainability** [FBL18, SS17]. SVGrid [ZBP05]. SVLM [DS20]. SVM [JAS+15]. SVS [LJZ12]. SW [DCG12, Wu13]. swap [KB21].

**Swapper** [ZLSI17, ATS14]. Swapping [CC77, ABG14]. Swarming [PS23, JN12, KSS+20]. 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, ACM03a, ACM05a, ACM06d, Ano00, Ano01a, Ano1b, Ano04b, Ano10, HHK4, IEE84a, IEE85, IEE90a, IEE91, IEE96b, IE06a, Ost94, TLC06, USE91, USE93, USE00b, USE01d, USE02, Vra05, IE96a, Ano02]. **Synchronization** [BC19, LJL+11, ZJXL11, Sub11, Uhl07, Ven97d, YQZ19]. synchronized [KS18b]. **Synchronous** [SIR+17]. **synergy** [BR18]. syntax [KMMV14].

**Synthesis** [DMS02, BPB86]. Syracuse [IE96b]. **System** [ACM75, Abr80, ABC66, Ano10, AAK18, Bad82, BFHW75, BBD+91, BPP+17, BH73, BYBYT16, Ben21, BJPS73, BSG89, B05, Car13, CSS+13, CZX+19, Cre65, CWL+15, CHPY17, CHLY18, DMR10, DM75, Fis01, GGM+16, G+06, GH91b, HXZ+16, HW93, HHC+16, HWCH16, IBM76a, IN87, JAD19, Kam83, Kee77, KP15, Kut92, LP14, Li14, LCZ+19, LCFL12, LXM+16, MCE+02, Mar73, Mat10, MNN05, MS70, MDGS98, MB98, MS91b, MM94, NSHW10, NMS+14, P+08, PHXL19, PDB+23, QTR21, R+06, RHV17, Sch86, SLM98, SVN+10, Shi03, Shr89, SJA+17, SWF16, Ste05, WLV+15, WK90, ZCJ+21, ZSXZ07, ZQZC16, ZLL+20, ZZF06, ZXY+15, AD18a, AEMWC+12, AI05, AH12, ACT94, AP18, Bar78, BSD19, Bor07, Bur02, Caat00, CWH+14, CK06b, CK06c, CKP78, CBFIH20, DHD20, DCA17, FFBG08, Fis01, Fl177, GGQ+13, HN08, HKD+13].

**system** [HC12, Hui18, IBM88, Iat88, KB21, KCKC15, KK79, LJD+00, Liao05, LLX+17, LMDP19, LDI+08, MR23, MD73, MD74, MDFS72, NCM18b, NMC18a, PRB07, PK75b, RG19, Rob06, SNV10, SPF+07, SJL20, SWW+18].
SZ13, SS72, STY+14, TC10, Vag10, Van06, VMMB12, VSC+10, WKTO8, WH08, WWT89, WHSE15, WF07, WC91, YLCH17, YZSC17, ADG+92, ABDD+91, Car14, Gum83, HTAY21, IBM76a, SNC91. **System-level** [SVN+10, AL05, BSD19, WHSE15]. **System/370** [IBM76a, Gum83, IBM76a]. **System/6000** [ABDD+91]. **System/9000** [ADG+92]. **Systemarchitektur** [See08a]. **Systematic** [BDF19, DCM22, ARA18, ARA20b, ARA20a, BJG19, BJ20, KHA22, NK22, ZJRW19]. **Systeme** [WF03]. **Systèmes** [Han73]. **Systems** [ACM81, ACM03b, Ano99b, BBMA91, BH15, BDG18, BG74, CD12, CC77, CAF+91, Das91, DJ77, Fie68, Gol69, Gol71a, Gol73c, Han73, HHS18, Her10, HBL+10, IEE93a, IEE01, JAD19, JYM+23, KSVR23, Lar09, LW11, LJZ12, Mad69, MM93, MJW+14, MKKE12, NBB+19, NL19, PPG+17, RT93, SMP22, SL14, SS75, Say66, SVB93, SL16, SN05b, TH06, USE99, USE01b, Vra05, WN17, WLMD16, Win71, YVCB17, YVCB18, ZD18, ZTA+21, AJH12, ALW15, AT16, Ano93, AAB+05c, BKT+19, BSOK+20, BSSM08, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CK06a, CP17b, Com00, CGV10, CLDA07, Dav04, Don87, DCMW17, EBJ17, FP14, FLCB10, GHH+93, GK05, Ham76, HKN22, HH13, JKK+13, Kee68, KCS14, Kou11, KS20b, LLE17, LWM14, LZWD15, LCL14, LTK17, MRC+13, MA17, NS07, NV05, PPG+17, RT93, RHZ+17]. **systems** [RJK16, Ros06, RGS+20, SJB14, SK13b, SSMGD10, SJJ+12, Sto07, Syr07, TMJ+21, TT93, THC+14, Vac06, Vit14, WR07, WK+09, XZK+20, YK13, DPCL22]. **Systemverwaltung** [Lar09].
[FK03, Kim84, YWR+14, SNV10]. Tool
[Ano03b, Wil01, KK79, Lia05, Sko7, Skr01, SCFP00]. toolkit
[ACG18, DZ02, PW03]. Tools
[AC98, BDG18, Cal75, GG11, LC09a, MJW+06, PY93, QNC07, ACM01a, EL98, YYPA01]. Toolset
[Ott18, PTD+18]. top [KMT14, PBWH+12, Won97]. topic [YZSC17].

Topics [IEE01]. topological [KKM+13]. Topology
[CYX+17, TB17, dSdF16, AM16, PST15b]. Topology-Adaptive [CYX+17].

Tools [AC98, BDG18, Cal75, GG11, LC09a, MJW+06, PY93, QNC07, ACM01a, EL98, YYPA01].

Toolset [Ott18, PTD+18].

Total [LGJ+18, THG+18].

TOSCA [BSNB20, BRS18].

TosKer [BRS18].

TTP [NP13].

TPHOLs [BW03]. TPM [KC12].

Trace [BT15, PFH+16, WKJ15, Wol99].

Tracking [JADAD06a].

Trade [SIdLB15, XZK+20].

Trade-off [SIdLB15, XZK+20].

Tractable [KR94].

Trade-os [SIdLB15, XZK+20].

Tradeo [MTFK19, UTO13, WCY+17].

Trading [LWLL16, VGL23].

Trac-Aware [CGC16, CYX+17].

Trac-sensitive [DK17].

Trac-intensive [IKU15].

Transcendent [VTW16].

Transfer [HHC+16]. transfers [DPBK16].

Transformation [WIDP12].

transformations [HB08].

transient [LRC05].

Transiently [LDRS18].

Translation [MBWW86, Syr07].

Trend [RG05, AH12, CM18, JPTE94, vD06].

TRI [ACM97].

TRI-Ada’97 [ACM97].

trie [SV17].

trie-based [SV17].

tries [SV15].

TwinDrivers [MSZ09].

twins [HCJ07].

Twitter [Guy14].

Two [AW17, ASMA21, IMBB20, SS990, TF16, BSSM08, CCMY07, HCJ07, LUL+05, SZKY21].

two-dimensional [BSSM08].

Two-Level [ASMA21, SS990].

Two-phase [TF16, SZKY21].

Two-tiered [AW17].

TX [ACM99].

Type [ADM98, AT16, Arv02, KCV11, PRB07].

type- [Arv02].
Type-Precision [ADM98]. Typed [G+88, BDT13, GLV99, KRCH14].
Types [Wel94, GLW23, MFT+19]. TypeScript [RSF+15]. Typing [RSF+15, RAT17].

u.v.a [Tho08]. UCSD [SP83]. UKCF [JXL+12]. umfassende [Bod10, Fis09]. Umgebung [CK06p]. Umgebung [CK06a, CK06e, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06l, CK06m, CK06o, CK06q, CK06t, CK06r, CK06s].
UML [Fre05, RFBLO01]. UMLexe [Fre05].
Uncertainty [LPBB+18]. underlying [FBZS12]. Umgebng [CK06p]. Umgebung [CK06a, CK06e, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06l, CK06m, CK06o, CK06q, CK06t, CK06r, CK06s].
underutilized [HM20].
Undocumented [Sch94b, Sch94a]. Unexpected [Par71].
Understanding [FRM+15, Set13, ZRZY15, LWB+15].
understanding [DMH18].
Underlying [FBZS12].
Underlying [CK06a, CK06e, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06l, CK06m, CK06o, CK06q, CK06t, CK06r, CK06s].
Underlying [Fer05, RFBLO01]. Unreliable [MPM+20]. unsound [AT16].

Untrusted [CD12, HKD+13, HPHS04, WLL+13, ZBP05].
Upcalls [LD11]. Update [FXHY21, LC14, SCL+19, VVC+17, J+05].
Updates [LCZ+19, LDRS18]. updating [CCZ+06].
upfront [ZLW+19a]. upgrade [CHCC07]. Upgrades [Ano03a].
trees [HB13]. UPWN [M+06]. Urgent [AGJS16].

USA [ACM75, ACM81, ACM01a, ACM03b, ACM05a, ACM06c, ACM06b, ACM06d, Boa90, IEE93a, Shr95, USE01c, ACM75, ACM05d, ACM06a, Ano01b, Ano04b, IEE84b, Ost94, USE85, USE86, USE91, USE93, USE99, USE00a, USE01a, USE01b, USE06].
Usage [KLLT18, RSW+06, WH99, KTB17, RGAT18, SOKE23, SK13c, YW20].
USB [Ano03a]. Use [AAAF21, Bec09, CLLS12, Guy14, GGK19, KK79, Sch13a, SJJ+12].
use-case [GGK19]. used [tTR82]. useful [LC09a]. usefulness [SM79].

USENX [ACM05d, So93, USE91, USE93, USE06]. User [Chu00, ZQCZ16, Ano93, ACT94, Bot07, Guz01, PG11, RSC+15, Sto07, Tho73, ZLZ13, ZLZ+19a, CTK08, Dav04]. user-controlled [Sto07].
User-Level [Chu00, ZQCZ16, ZLZ13]. user-space [PG11]. User-terminal [CkT08].
Users [Boa90, IBM76a, SS17]. userspace [DD20, Ste14].

Using [AA+09, ARAAA19, ASL+20, ABV12, ALL06, Bas04, Bas06, Ben21, BRX13, CMGI+23, CQLL18, Che21, CCO+05, DBMI92, Don88, ESV+17, Guo01, HLIW+10, HWW18, JMLSM92, LJJ+00, LTT92, LD05, Mar73, MV16, MZ20, NAS21, OLZ16, PEC+14, RSW+06, Sar01, See10, SM06, SC17, SYB12, SAT09, SBK15, SXCL14, TDG+18, WDSW01, WKG17, WUNK17, Wil01, Wol99, XSC13, XCSM18, ZLG+20, ZBP07, ZLW+19b, dGG+17, AD18a, Agr99, ATS16, AWR05, AP18, AGIS94, BSM+12, BHyR05,
BSOK+20, CL14, CPM+18, CCZ+06, Dan12, DHD20, DS22, EB20, FFBG08, FA21, FL13b, GHM+18, HJKJ19, HJJ0, HTAY21, HN08, HPHS04, Hol95, HPS22, JNR12, JWH+15, JGSE13, Jou07, KSS+20, KSS+23, KKM+13, KSL+16, Kip21, KGS16, KL13, Kou11, KRG+12, LDL14, LIWW18, LQM+12, MHH19, NMC18b, NMC18a, NV05, PBL+16]. using [Pon19, RP07, RWC21, SEM+20, SGV13, SSN12, SS22, SIJPP11, SIK+16, SSH17, STFH15, SNN94, St05, TSLBYF08, TS19, TF16, VT14, WGW18, WZZ+20, YK13, YLWH14, YWCF15, ZLZ13, ZDLG17, ZB18]. usual [dCJR16]. UT [Ren78]. Utah [ACM01a, CK87]. Utility [LGZ+19, CSV15, JWH+15, PSZ07]. Utility-Based [LGZ+19]. Utilization [HLBZ20, KBDK22, KCKC15, NL19, uRQS20]. Utilization-Based [NL19]. Utilization-prediction-aware [HLBZ20]. Utilizing [GVI13, KOY05].
AE01, Apr09, Arc07, AD11, AAK18, ASSB18, Att79, Att73, AH68, ACA16, AC98, AMA+11, BWP85, BFHW75, Bai70, Bak83, Bal91, BMS16, BYZZ20, BP99, BDF+03, BBTK+17, BDJds02, BSSS14, BWH+19, BDF+99, Bee05, BCC+15, BH73, Bel06, BB13, BN75, BJ20, BHDS09, BJS73, BBHL08, BL17, BFG+14, BWD+15, BBM+15, Blu02, BBM09, BD01, BP01, Bp03, BzD17, Bro89, BRX13, BFM+21, VMW+19, BBS06, BJH+16, B+07, BG73a, BG73b, BCG73a, BCG73b, BG74, Caao00, CTS+93, CW03, CCWY05, CL17a, CHH+79, CHH+80, CWL17, CFM17, CCML12, Car13]. Virtual

[CK87, CFVP12, CWS12, CHCC07, CGMD19, CF00, CT03, CSS+13, CGC16, CL16a, CL16b, Che21, CRZH15, CCO+05, CC77, Cla97, Coh97, CDG97, Cox09, Cra05, Cra06, Cra98, CH78, CWG00, CWL+15, CHPY17, CYX+17, CHLY18, CDN02, Dalxx, DAF+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, G+01, GWZ16, GKP99, Gei02, Gen86, Gol69, Gol71a, Gol71b, Gol73c, Gol73b, GGG03, GLBJ18, Gum83, HHV+02, HHW10, HT89, Hal79, HTW+19, Han73, HKLM17, HM01, HA79, HTB22, HLW+23, HH79, HB17]. Virtual [Hin97, HKM+18b, Hir17, Hof20, Hor73, HKKW13, HS13, Hwb03, HS06, HPS22, HPP15, IBM72, IBM73, IBM76b, IBM85, IBM88, Int88, Jan14, Ibs84a, Ivo03, JR02, JHS12, JK+11, JE12, Jen79, JXL+12, JMSLM92, JQWG15, JAS+15, JN15, JJK+10, JADAD06a, JDJ+06, JJ02, Juo07, KCWH14, KRS+17, KC16, KS08a, KSS+20, KSS+23, KMK16, KNt02, KKT17, KF91, Ken80, KDB16, Kim84, KJ11, gKEY13, KKJ14, KP15, KPHA20, KA83, Kav19, KGZ+04, KLTI18, KLF+15, LCWB+11, LMM18, Lam75, Lau87, LW73, Law00, LW11, LP14, LSC+17, LMR18, LW98, LMG00, LMG01, LTI12, Lli14, LZL+15, LZWD15, LVM16, LWLL16, LYY17, LGJ+18, LWBM23, LB98, LV99, LTT+92, LD05, LW16, LXW+23, LY97a, LY97b, LY99, LXxxa, LXxxb, LYBB13a, LYBB13b, LYBB14, LHAP06, LWLL10, LJJ+11, LW12, LJJ+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, MC72, MRG18, Men03, MS70, MD97, MDxx, MW18, MDG98, MLG+02, MB98, MKKE12, MA21, II79, MP01, MJM+06, MM94, NBK16, NMG15, Nel04, NAS21, NGRF19, NLD+23, NSJ12, NL19, Not92, OT97, OKAM17, Oi05, Oi06, Olb78, PTHH14, PAKY16, Par71, Par72, PPTH72, PPT3, PSBG11a, PAC+22, PHXL19, PXG+17, PN+20, PRB07, Pfo13, PHC20, PS16, PCC+16, PK75a, Pro00, Qia99, QBL+23, QTO6, RNA+22, RG17, Ran20, Ran02, RLZ+16, Ren78, Rev11, RIP18, RY10, RI00, RSN+18, RBB19, Ros99, Ros04, RG05, RS20, RCTY19, RB01, SMK02, Ibs84b, SL14, San88, SSB+14a, SD01, Say66, SH04, Sch13a, SMES01, Sch90, Sch94b, Sch94a, Sch73, See10, Set13, SMSB11, SSB03]. Virtual [SC17, SCEG08, SCSL12, SMA18, Shi03, SM01, SGV12, SV13,
virtual [NAR19, NOR15, NV05, NIA18, OG16, Oi08, OMB+15, ORPS09, PK5+19, PFH+16, PEL11, PSBG11b, PM05, PM19a, PDM20, PFPJ18, PBYH+08, PJZ+19, PCB+18, Piz17, Pon19, PRS16, PV08, Pul91, PS23, urQ820, RK16, RT20, RH17, RHR20, RHR02, Ra79, RG19, RWC21, RT18, Rz14, Req03, RK18, RFBLO01, RJK+17, RGS+20, Rus08, SZKY21, SBI21, SJB14, SS13, SENS16, SBBP20, SHR19a, SHR19b, SNN10, Sch13b, SSMGD10, SEM+20, SLLJ13, SSN12, Sm23a, She91, SJJ+12, SJW+13, SWH+13, SASG13, SLC20, SSE18, SS19, SL00, SS22, SGG199, SGG00, SK73, SmH17, SYMA17, SJ120, SSL+13, SP118, SMA+10, Spi06, SOKE23, Ste14, SU+12, Str13, Str05, SZ1+14, SLA+16, SHTE11, Syo17, T2K17, THH+14, TMLL14, TDD20, TSR19, Tay76, TK20, tTR82, TCGF08, THG+18, TNH09, TMMVL12]. virtual [TB14, TDG+06, Tsa14, TtLcC13, Tur84, Vac06, Van98, VT14, Ven96, Ven97b, Ven97c, Ven97d, Ven09b, VED07, VV013, VWT13, VGL23, VDo14, WGF11, WKT08, WRX11, WZB+13, WQG15, WK15, WHC16, WCY+17, WXZ+17, WXS+19, WBW+19, WZ2+20, WY20, WR07, WDT18, Web10, WK08, WLG+11, WWH20, WHO8, WCS06, WLL+13, WW77, WSVY09, WRVdM11, WRS+15, WCG21, XNH21, XCL+14, XHZ+19, XHCL15, XJW15, XZ2+16, XWX+17, XYY17, XT17, XLQ18, XLZ18, XjW+18, XZK+20, XA22, XWG23, YC98b, YME05, YZ2+13, YHL14, YLHJ14, YP1LZ17, YCL2+18, YW20, YGL1Y21, YBZ+15, YYY2+19, YWH+23, YLK+10, Ye99, YW09, YSM+21, YLJ22, YC16, YRJ18, YMY17, YGN+06, YWGH13, YQZ14, YQZ19, YTY00, ZG13, ZWX16, ZWUX17, ZY2+18, ZBG+05, ZL15, ZL2+15, ZWCH17, ZHHC17, ZFY18, ZWC+19, ZLZ+19a, ZJR19, ZBP05, ZBP07, ZWL09, ZL2+19a, ZFL+23, ZL13, ZLLL13, ZHW+17, ZLCZ18]. 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]. Virtualisierungslosung [See08a]. Virtualisierungslosungen [P009]. Virtualisierungssoftware [Zin05]. Virtualisierungssystemen [Deu08]. Virtualities [Den01]. Virtualizable [GG72, HH13, PG74, PG73]. Virtualization [AFG+17, AJM+06, AP22, AAJD+16, AVR19, ASL+20, Alh22, AAMBE21, ADWM18, APST05, Ano03b, AvMT11, Bac11, BE17, BLM22, BJG19, Ble10, BHVP14, BDR+12, C2L08, CLS07, CGS06, CEPR22, CHW12, CXL15, CWH+16, CQLL18, CD12, CDD13, cCWS14, CLI12, Ch106, Coh10, Cre09, Cre10b, CGW07, DPL22, DLL18, DMS02, DW14, DPCA11, DLM+06, Don06, DMG+15, DY17, ECET18, EMAL17,
ELC^{+19}, FPR^{+06}, Fer11, FDF05, FRD^{+08}, FLZ17, Ga109a, Gal11, GHS17, GW07, GCL^{+21}, Got07, GG11, HD16, HWF07, HTAY21, Her06, HN10, HHC^{+16}, HSN17a, HSN17b, HDM08, HSL17, HB12, HW12, JAD19, JYM^{+23}, JW17, KHW^{+16}, KLY20, KS08a, KSVR23, KMM13, KR18, KS08b, KKS^{+19}, KGS16, Kot10, Kot11, KC12, KLR^{+20}, KLK^{+22}, LH16, LWC^{+17}, LXL^{+22}, LLW^{+16}, LRZ16, LZW^{+17}, LYGG20, LCFL12, LDDT12, MDD^{+18}, MDZ^{+21}, MCC18, MA10, MCZ06, MUKX06]. \textbf{Virtualization} [MA17, MGL^{+17}, MWHH05, NTR18, NSL^{+06}, NsP16, OVI^{+12}, PZW^{+07}, PHL^{+12}, Pap20, PM19b, PZH13, PYYG21, PYDG22, PPS08, PNT12, PST^{+15a}, QC07, QTR21, RC18, RSW^{+06}, RCM^{+12}, R^{+06}, RZPX19, RKRK17, RWX^{+12}, RR09, SMP22, SADP21, Sed07, SM06, SN23, SGB^{+16}, SYB12, SABL20, SAT09, SJPP11, SYC14, SWF16, Spr07, Sta07, SKYK16, Swa06, STMP23, THLK10, TF16, Tre05, UNR^{+05}, Uhl06, UVL^{+13}, VN06, VN08, WBB^{+16}, WDC08, WHH^{+16}, WZT19, WC01, WG07, WDD^{+16}, WH05, WLW^{+17}, WZL^{+23}, XH16, XYD^{+18}, XYL^{+18}, YLT^{+23}, YSS^{+17}, ZDS^{+22}, ZSXX07, ZQZC16, ZHY^{+19}, ZSP^{+21}, ZZW^{+21}, ZZFO6, ZAT^{+16}, ZXY^{+15}, ZLW^{+19b}, ZKWH17, dGG^{+17}, vMAT14, vdK09, AA06, AKK^{+07}, AAF^{+09}, A^{+04}, AH12, AIA19, ALW15, AJD09, Ano14c, Ano15, AKCP21, Apr09, AAB^{+05c}, AEB19, ABB^{+19b}, AA18]. \textbf{virtualization} [ABB^{+15}, BDF^{+03}, BBD^{+10}, BSL^{+18}, BRI1M10, BK20, B^{+05}, BB08, Bor07, BH13, BC10, BTLNB^{+15}, BSMM08, B^{+07}, CPM^{+18}, CSSI11, CMG^{+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, CIA05, CBFH20, CM18, CHT08, CRE08a, CRE08b, CRE10a, CB07, DLS^{+16}, DBO^{+18}, DYL^{+12}, DCP^{+12}, DS09b, Dre08, EBLM22, EdPG^{+10}, ECAE13, FFBG08, FP14, FJKK17, FLSB07, FS08, Fro13, FK13, FSH^{+13}, GMK17, GLA^{+08}, G^{+06}, G^{+05}, GTG^{+06}, GAH^{+12}, GKT17, HLW^{+10}, Hal08, Han16, HII16, HHS18, HC04, HC12, I1K^{+06}, I0S08, IMM^{+13}, IPRS21, J0^{+05}, JM08, JZX^{+10}, JC13Z13, Kao17, KV09, KSRL10, KKB14, Kip21, KWZ^{+19}, KLI3, KS20b, Kra09, LPD^{+11}, LDL11, LLW^{+05}, LLE17, LZW^{+12}, LZW13, LLY^{+18}, LLX^{+17}, LJJZ15, LQW^{+12}, LCL14, LWL^{+16}, LRZ^{+19}]. \textbf{virtualization} [LLS14, LP11, LDL^{+08}, MG19, MB21, MRMO6, MS1^{+12}, MDD^{+08}, MRS^{+05}, MBAA^{+12}, MBBS13, Mly09, Mon22, MMG^{+18}, MR06, MHS21, NTH^{+17}, NRDA^{+20}, NB11, P^{+08}, PG11, PBB13, PFNC20, PST15b, QZDJ16, RSC^{+15}, RS16, RQD^{+17}, R0x8, RSLACLB16, R0s06, Rout07, Sam22, SVN^{+10}, SJRS^{+13}, SWCM12, SM23b, SIRP17, SPF^{+07}, SHT19, SWW^{+18}, SAB^{+07}, SWC08, SL12, T0DG^{+18}, T0Z19, TMJ^{+21}, TSCB19, TLBW12, VM08, VSC^{+10}, VOS12, WR12, WZW^{+11}, WCC^{+16a}, WCC16c, WCS09, WJGA12, WHSE15, WYZAD20, XKY^{+11}, XZ11, YKS16, YJZY12, YTS14, YLH14, YLWH14, YLXY^{+18}, YCL^{+19}, YLTF20, YXL^{+20}, Yu02, Z06P13, ZSR^{+05}, ZSW^{+06}, ZLZ13, vCPWvT11, vD06, vH08, Gu14, BZC19, MCI19, VSMC23, YWL^{+18}]. \textbf{Virtualization-Aware} [LXL^{+22}]. \textbf{Virtualization-Based}
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