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]. T^M [Cza00]. \tau_P [LTK17]. d [XDL15].
HV^2M [CBZ16]. n [WZK19]. \omega [Arv02]. \Pi [Syr07]. V^2 [DG05].

-dienste [WF03]. -Enabled [SB18]. -Tier [WZK19].

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

/CLI [Fra06, Fra09, Hee07, Hog06, Hog08, Siv07, Wil06]. /dev/random
[Per11].
Apache [FRM+15]. apart [LBF12]. API [Ano14c]. 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, Cza00, HMH17, KNT02, KLF+15, LWC+17, LPZ+22, MD73, MD74, PCW+16, TB17, WGW+18, ZYH+19, AS14, BBS06, IBM88, Int88, IBM96, JSK+13, JCZZ13, JDJ+06, Kang09, Lia05, LBF12, LLS+08, MRGB91, SE12, SwCCM12, SASG13, SL00, ZS01, ZBG+05]. Application-Aware [AJ18]. application-specific [ZS01]. Application-transparent [AW17]. Applications [Ano99b, Ano03a, BAL15, Boa90, DSM+18, DJS+17, FBL18, HHV+02, HSK17, HC17, HCB18, IEE05, JW17, KKS+19, LGJZ16, LH15, NKK+06, Par71, PLMA18, Pf013, PY93, SS05, TR88, VP16, WLS+18, WZKP19, XZL+20, AS76, Al91, AC16, AB16, ACT94, ABC+07, BD11, BPM+22, BSNB20, BTLNB+15, BRS18, BOF17, BFS+18, DMH18, DBC+00, EF94, EMS15, GH12, GTN+06, GHH+93, GLQ+13, GKJ+19, HKS19, HeC14, HKD+13, HSC15, JPTE94, KRG+12, LCL14, LF19, MCC18, MA19, NBS18, dOL12, RWC21, SENS16, SHR19a, SHR19b, SEPV19, TDK+18, TV18, WDCL08, WSX+19, YYY+19, YGN+06, ZBP05, ZNSL14]. Applicative [AS85a, Abr82, AS85b]. applied [MM92]. applying [CSSE21]. Approach [SNNN19, BC19, BFG+14, BRX13, CFM17, CLW+14, Cox09, DPCA11, DM75, EMAL17, Fie08, FPS+02, FLM+22, Jen79, JQWG15, K16, KAH83, Mad69, MP16, MSC+21, NLPV12, NSJ12, SDD+16, VN06, WJ10, WVT+17, XD17, ZTWM17, ADWM18, BML+13, BHvR05, CGL+08a, CGL+08b, CGL+08c, CBZ+16, GKP+19, GLJ16, HLBZ20, KW13, KKB14, LF13, LU04, MD73, MD74, MK22, MAK18, MA21, NZH20, PSC+07, PJJ+19, Pn119, RWC21, SENS16, SHR19a, SHR19b, SEPV19, TDK+18, TV18, WDCL08, WSX+19, YYC+19, YGN+06, ZBP05, ZNSL14]. Approaches [BAL15, FMIF18, HM20, JK15, EYGS19, TIIN09]. Appropriate [ZRS+16]. apps [MMP+12]. April [Ano01b, IEE84a, USE01c]. Architecture [SKJ+17]. Architecting [SYC14, TZB19]. Architectural [DLLN18, DCP+12, Go17c, JR02, NMHS15, PJJ+18, PEC+14, SL12, CFS+12, DLL+16, PAK16, RVJ+01, WL+13]. Architecture [ASMA21, BBD+91, BRMM87, BDR+12, BG73a, CAF+91, DAH+12, DSM+18, DS09a, ECET18, EMW16, G+05, Gol73a, Gol73b, Gums3, Han73, HW93, Hsu01, HWCH16, IEE85, KZB+90, Kee77, LW73, LMG00, LMG01, LG14, MS+15, PCC+16, PK75a, RC18, Rev11, SJV+05, SADP21, SSB03, SN05a, SJA+17, SWF16, Sun99, TR88, TV12, Tur92, Uhl06, WIS+15, You73, ZL18b, ZZW+21, ZGW+06, Ano94, Ber86, BR01, BNS18, CCL+17, CLDA07, DS09b, FS19, FC98, GDSA+17, GCARPC+01, HIIG16, Hig02, HSM04, IBM88, IK+06, Jou85, KW80, KNHH18, LLW+12, LL14, MMTM22, MS01, MJ93, NOK+85, OJG91, RFPL101, Ros06, SLJFP11, SG09, SDN09, Wel02, YTS14, YYPA+00, Yu02]. Architecture-aware [WIS+15]. Architecture(R) [MBBS13]. Architectures [ACM06b, BN75, BDF19, EMAL17, ELC+19, EG01, GG72, HW93, HHK94,
Ian14, PG74, PY93, QTR21, RD90, SXMX+18, BGS13, DM93, EM13, KMG+18, NBS18, PN+20, PG73, Skr01, YZW+13, ZP14, CEPR22.
Architektur [Dal97]. Archive [CLKEF21]. Area [BFG+14, Fis01]. areas [BCZ19]. ARIMA [CSSE21]. Arizona [IEE05]. ARM [CJJ22, DN14, DLL+16, DLLN18, GND16, MGL+17, ZTWM17, PS19a].
Aroma [Sur01]. Arquillian [Ame13]. Array [MBK+92, SV15]. arrays [dCJR16]. Arrivals [KMM13]. Arrives [Bai70]. Art [BGP00, SGB+16, AEB19, BDF03, BDG18, MDD08, ZTWM17, PS19a]. Artiﬁcial [MR91, TV14, KCV11, RK16]. Automatic [MS00, SMES01, SMA+10, Sus76, WML02, ZLZ13, CL17b, MSZ09]. Automatic [MJW+06]. Automation [ACM06a]. automaton [Sig89]. Autonomic [LGJZ16, SKT+19, SEK+19, YWH+21, SWC08, WDC08]. Autonomous [SC17, NNK21]. autoscaler [MPM+20]. Autoscaling [Kov19]. Autoselection [KKE19]. Autotuning [KKE19]. Availability [RGS+20, AAF+09, Fu10, LDL+08, MDZ+13, NMC18b, NMC18a, TUM18, YLH14]. Available [Ano03b, GI12, GV13]. avionics [ABC+07]. Avoidance [HS19, LYS+18, OG16, PC21]. Avoiding [BLRC94]. Award [War11]. Aware [AJ18, AAK18, BMS16, BL17, CWH+16, CGC16, CWL+15, CTP+17, CYX+17, CHLY18, Do11, EGR15, EVCL21, GCL+21, HC17, HTB22, HPP15, JJK+11, JQWG15, KL14, LMM18, LXL+22, Man16, MA21, PYYG21, PHC20, RG17, SDD+16, TB17, XLL+14, XLJ16, XLWX19, XZL+20, YLH17, ZWFX17.]
aware [YQZ19, ZHHC17, ZWC19, ZWH17, ZSRR22, JZY22].
Awareness [ZHL16, LCL14].
Azure [Fab13, RHV17].
Azure-Based [RHV17].
B [Req03].
B5500 [Ham76].
BA [KSS+20].
Back [KS08b].
backup [MCC18].
backpropagation [RWC21].
Backup [ACA16, KRS+17, ZXW16].
Backup-Sharing [ACA16].
bak [RY10].
Bag [VS19].
Bahamas [Ano99b].
Balanced [LLW16, DS18, XZK20].
Balancing [ARAAA19, CGC16, CL16a, DY17, Gua14, HPP15, KK19, LW12, LYS+18, MKKE12, WWH+16, WTL+16, YWR+14, Bir94, GH20, KAZS14, TF16, Vac06, XH90, XTB17, ZWL09].
Ballooning [LJL15].
Baltimore [Ano93].
Band [ZSXZ07, PBYH08].
Bandwidth [ELC+19, KDK20, LJFS17, LWZ+18, YLH17, ZRS+16, BAC15, GLLJ16, LZW+15, THH+14, WQG15, WXW15].
Bandwidths [LMM18].
bank [PAKY16].
Bare [AGH+16, OSK15, GAH+12].
Bare-metal [AGH+16, OSK15, GAH+12].
barrier [Rix08].
barriers [LM99].
Base [UOKT84, WH08].
baseband [KWZ+19].
Based [AAK18, Bad82, BAL15, BE17, CWL12, Cap21, CHW12, CLW+14, CD12, CDD13, DF96, ECET18, FD08, GGG03, HKM+18b, HWHW18, JFPL16, JN15, KP15, KLR+20, KAZS14, LW11, LP14, LKL+19, LCT+15, LGZ+19, LW12, LZW+17, LZW+20, MJW+14, MTFK19, MGL+17, NAS21, NL19, OVI+12, PvDS08, Ran02, RZX+19, RHV17, RWX+12, SJV+05, SXH+19, SMD21, SHZ+14, SKL+17, TV12, WB81, WLS+18, WTM+14, YWW+15, YLYN+17, ZDK+22, ZQZC16, ZLL+20, ZXY+15, ZB20, vLSM01, AD18a, ABB19a, AAJD+16, Ano96, Ano06a, AB16, ALL06, AMA+11, BTAB22, BD11, BLMP22, BL17, BSNB20, BY20, BNS18, CL17b, CBJ22, CPM+18, CEPR22, CVWL13, CGL+08a, CGL+08b, CGL+08c, CWC+14, CBZ+16, CLeC13, CPST14, CPST15, CFRSS19, CGV10, CRG16, DD20, DP11, DS18, DC15, DLH+20, DPCA11, EB20, EY21, ESY+17, FS89, FS19, FMJ15, FLCB10, FF96].
based [FL13b, GTGB14, GDSA+17, GH20, GR15, HM20, HK19, HO22, HOKO14, HWCH16, JWH+15, JFZL17, Kagg9, Kamm13, KLY20, KS13, KS0a, KRCH14, KKB14, KDB16, KK21, KM13a, KM13b, KJM+07, KJK+13, gKEY13, KKL+22, LMJ07, LBL16, LYY17, LYY18, LXR519, LLZ+19, LLX+17, LLS+08, LC13, LPZ+22, LWCZ22, LMDP19, MCC18, MPA+18, MW18, NZH20, NRdA+20, NS17, Oi05, Oi06, Oi08, PFH+16, PDM20, PLG12, uRQS20, QZDJ16, RGAT18, RH17,
baseline [ZLH+15, ZWHC17, ZAI+16, ZLL+16, dSOK17, vKF13].

basic [A04].

basierende [Deu08].

Basis [Kar07].

Batch [KMM13, LD05, SS13].

Batched [GLL+21].

bathymetry [MMG+18].

Bay [Ano10].

Bayesian [LYYY17].

BCPL [Abr80, WW77].

BCPL-Slim [Abr80].

Be [Cox07].

beams [MC98].

Beautiful [SG09].

Bedienung [KGG00].

beetle [BRS+22].

beginner [RR09, Wes98].

behave [Voe86].

Behavior [EG01, XWH+16, ZDLG17, BSOK+20, CL14, LWB+15, Oi08, SEM+20, Wol99].

behavior-based [SEM+20].

behavioral [CL17b].

Behind [Cra98].

Belgium [ACM04a].

Benchmark [DHPW01, WZT19, GPW03, SMSB11].

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

benchmarks [LJN+00].

Beneﬁt [HB14].

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

Berkeley

[USE01c].

Best [B07, BY20, GHS16, MS17, Sch13a]: best-ﬁt-decreasing [BY20].

betrachten [RHM08].

Betriebssystem [KMM13, LD05, SS13].

Betriebssysteme [WR07, WR08].

Better [MW05, Com00].

Between [Jen79, KLLT18, ZLHD15, BDJdS02, BR918, 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, XDLS15].

Binary [PA21].

Binary [BG18, KLF+15, WMUW19, ZFL15, dGG+17, HLW+13, JYW+13, PGL12, vKF13].

BIND [Sec10].

binding [KW13].

biodata [Wun13].

biogeography [ZLL+16].

biogeography-based [ZLL+16].

biology [Wün13].

Biopolis [Ano06a].

bird [Guy14].

Birth [NOT+17, bison [Kag09].

bison/flex [Kag09].

bit [VED06, VED07].

Bitcoin [HB14].

BizOps [FBL18].

Black [NMMP15, VVB13, EB20, TZK17, WSVY09].

black-box [TZK17, WSVY09].

Blackboxes [KBK+21].

blackhat [Ska07].

Blessing [Kot10, Kot11].

Block [Sch94b, Sch94a, TLBW12, ZLL+20, Zyt94a, Zyt94b, FFBG08, FLGB10, LLE17, TKG89, WF07].

block-device [FFBG08].

block-level [FLGB10].

block-paging [TKG89].

Blockchain [CQLL18, DMH18, XRJ+17].

Blockchain-based [XRJ+17].

Blocks [Lam75].

blows [BBTK+17].

Blue [SSU+12].

BlueIO [JAD19].

Blueprinting [NLPV12].

board [CGV10].

Bochs [Ano14b].

bodies [AGIS94].

Bolton [ACM03b].

Book [Ano97a, Fro13, Lar09, Van98, B+07, TC10, War02].

books [Van98].

boost [CBZ+16].

boosting [AC16, LKY+17, PGL12].

Boot [NOT+17, SB16, BDO+18].

Bootstrap [CBLFD12, Kam75].

BOS [RP07].

Boston [IEE85, USE01a, USE06].

Both [ZHL16].

Bottom
[UOKT84]. Bottom-up [UOKT84]. bound [JGA+88]. boundary [SBQZ14].
bounded [XHL+13]. Box
[MMMP15, TPK17, VBV13, WSVY09, XHCL15, MNS+14]. branch
[CE07, EQ03, JGA+88, JYW+13, WHC16]. branch-and-bound
[JGA+88]. branch-and-price [WHC16]. branches [KIM+07]. Breadth
[MNS+14]. Breaking [VMW+19, GKB15, Rix08]. breed [Arm98].
Brewing [WZL18]. Bridge [Men03]. Bridging
[ACM04b, FLZ13a, SSW+17]. Brighton [Vra05]. bring [KXY+11]. Bringing
[BBR+12, PPS+18, STS+13]. Broadcast [SXH+19]. Brokered [BB17].
brokered [TMMVL12]. brokering [PAK+16]. browser [FIF+15]. Browsers
[YML+18]. BSD [WFO93]. Buch [KGG00, Tho08]. buddies [WTL+09].
Budget [EIM17, RBB17, SJ121]. Budget-Driven [RB17]. buffer [JADAD06b].
buffers [CFG+13]. Bug [ANO97b, ANO15]. Build [KOL19]. Building
[AAB+05a, CGM17, DBC+00, DF96, HWCH16, PEC+14, SJY+05, See10,
TSP17, Nie12, RG19, SG10b, WH08]. Burstable [WUNK17]. Burstiness
Buying [YNL+17, ZLH+15]. buying-based [ZLH+15]. BYOD [DMG+15].
Bypass [LHAP06]. Bytecode [MO98, SEK+19]. bytecodes [SUH86].

C [Fra06, Fra09, Hee07, Hog06, Hog08, Wil06, ZB18, Bl02, CWG00, G+01,
Hee07, Hog06, Hog08, JMO8, Men03, Siv07, Wil06]. C# [G+01]. c-mean
[ZB18]. C/C [Bl02]. CA
[ACM06a, ACM06c, ANO97a, IEE84b, IEE93a, USE01c]. Cache
[HS21, QWG15, KR18, NSP16, RHR02, SDS+21, TBS17, vSMK+20, Boz89,
JADAD06b, O05, RJK16, ZP14, AMA18]. CacheInspector [SDS+21].
CacheOut [vSMK+20]. caches [BLRC94]. Caching
[AMA18, ASM21, KJL11, LGZ+19, MM93, LM99, XXW+17]. Calculations
[Bad87, Hol95]. Calculus [ABV12, Wat86, Wat87, WK90]. Calif [ACM01b].
California [ACM05a, Ano01b, Ano04b, Ano10, IEE96a, IEE97, IEE99,
USE91, USE99, USE01c, USE02, IEE84a, IEEE90a, IEE91, Tho93]. Call
[DEK+03, Lee16, PUL016, PVRL14, SSB+14a]. Call-site [SSB+14a],
calling [HB13, SSB+14a]. calls [VMBM12]. Cambridge [USE93]. CAMIG
[HTB22]. Can [Cox07, GW07, THB06, Sig89]. Canada [ACM06f, So63].
CAOS [Sch86]. Cap [HC17]. Capabilities
[TVO92, WZT19, Ame13, AAB+05c, Fit14]. Capability [ECET18]. Capable
[OTT18, PST+15a]. Capacity [BB17, HMH17, LYGG20, SJ21, WUK+18].
capo [SMSB11]. Capping [HSK17, JKK+13]. Capture [SCFP00, Sur01].
Capture/Replay [SCFP00]. capturing [BK+13]. Card
[SIV04, SUN97, HM01, Req03, JCV99]. cards [GLV99, TLBW12]. carrier
[FZS+20]. carry [Ame13]. carrying [FCG+05]. Cascade [YYL+15],
cascading [HL13]. Case [GGG03, HBL+10, HWB03, Ian14, PK75a, PS19b,
vCPWVT11, GGG19, HIIG16, MN03, RK18, Sig89, SIRIP17, Vit14].
Case-Based [GGG03]. Cases [FG91]. Cassandra [FRM+15, SL20].
Catalyst [ANO03a, GMK17]. Catching [SXH+19]. Categories [Gai75].
Clones [ZCJ+21]. Cloning [LCWB+11]. Closing [ZLHD15]. Cloud [AJ18, AVNR19, AAAPF21, AAR22, AGC18, AD18b, ASSB18, BTAB22, BB13, BLMP22, BCW20, BHEP14, CWL12, CPKL17, CFM17, Cap21, CPS17, CZX+19, CTP+17, DSM+18, DKW15, ELC+19, FBL18, GB19, GLL5, GSW+17, HMH17, HKLM17, HW12, JE12, JQWG15, JW17, KC16, KKE19, KCY22, KMM13, KAZS14, KK19, LCWB+11, LKIL19, LGR14, LGJ+18, LW12, LH15, LWZ+18, LS15, MSG14, Man15a, Man16, Man18, MJW+14, MZ20, MPA+18, MB20, NLPV12, NSJ12, PZ18, PHXL19, PCW+16, PXG+17, PS16, PCC+16, PG17, PG18, RSNK17, RSGG15, RWX+12, SL14, Sar16, SJ5+17, SC18, SZW+16, SV13, SB18, SXCL14, TB17, TVKB16, TMML212, WDL+20, WVT+17, WUNK17, WUK+18, WLS+18, WTM18, XC13, XWJ15, XLL+14, XLJ16, XLWX19, XLL+20, YLN+17, YP15, ZDK+22, ZDS+22, ZQCZ16, ZL16, ZCG+17, ZL18b, ZLZ+21b, ZWL+18, ZB20, ZHL16, ZLW18, ARA18, AD19, AGH15b].

Cloud-assisted [ZYZ+18]. Cloud-Based [Cap21, WLS+18, BLMP22, MPA+18, BSNB20, XYXY+17].


CloudNet [WRSvdM11, WR15+15]. Clouds [AD11, CRZH15, ESY+17, HTB22, HKM+18b, HLPY16, HKKW13, HS21, KMK16, KDB16, KPAR20, ZLG+18, ZLZ13, ZWHC17, ZHHC17, ZWC+19, ZWH+17, ZYL18, ZSRR22, BB12, CD14, CFVP12, CMG+19, KKB14, KBB11, KMG+18, XYYY17, SJL20]. cloud-assisted [ZY+18]. Cloud-Based [Cap21, WLS+18, BLMP22, MPA+18, BSNB20, XYXY+17].

Clouds [AD11, CRZH15, ESY+17, HTB22, HKM+18b, HLPY16, HKKW13, HS21, KMK16, KDB16, KPAR20, ZLG+18, ZLZ13, ZWHC17, ZHHC17, ZWC+19, ZWH+17, ZYL18, ZSRR22, BB12, CD14, CFVP12, CMG+19, KKB14, KBB11, KMG+18, XYYY17, SJL20]. cloud-assisted [ZY+18]. Cloud-Based [Cap21, WLS+18, BLMP22, MPA+18, BSNB20, XYXY+17].
Kov19, LWLL10, LLZ18, MLXG19, NMG15, OG16, OSK15, RG17, RB17, SBBP20, SDSL19, SCL+19, WZL15, WLLZ16, WHED+17b, XCSM18, YWY+17, ZHW+17, ZRZY15, ASB18, BB15, dCCDFdO15, DXM+17, FBZS12, FGG14, HZZ+14, KMK10, KR16, LMV12, LBZ+11, LWLL16, LLZ+19, PPO14, QXH18, RCTY19, STMV18, SYMA17, TSCB19, XJJW15, ZGW13, ZLH+15, ZLW+19a, ZB18, ZLV12, ZBS15, EMS15].

Cloudscheduler [BCW20]. Cloudsim [OBSR16]. CloudSimSDN [SHB19].

CloudSimSDN-NFV [SHB19]. Cluster [CL16b, GKSP99, LWZ+18, SEF+06, TLC06, ZCG+17, FLCB10, KJLY15, LJL+12, SBP+17, SSN94, WDT18, WLG+11, XLQL18, YLHJ14, YCL+18, GWZ16]. Cluster-Aware [ZCG+17].

CloudSimSDN-NFV [SHB19]. Cluster-Aware [ZCG+17].

Cluster [CL16b, GKSP99, LWZ+18, SEF+06, TLC06, ZCG+17, FLCB10, KJLY15, LJL+12, SBP+17, SSN94, WDT18, WLG+11, XLQL18, YLHJ14, YCL+18, GWZ16]. Cluster-Aware [ZCG+17].

Cluster-Aware [ZCG+17]. cluster-based [FLCB10].

Clustered [DJS+17]. Clustering [ARAAA19, XZZ+16, ZWHC17, LQD+18, YWCF15, ZLW+14, AO16, CP17a, Fu10, HCJ07, KOY05, KS18b, PRS16, RHR20, SJJ+12, ZWKX17].

CMD [CWC+14]. CMI [MPM+20]. CMS [SNC91, IBM96]. CNC [Lia05].

Cocoa [YLN+17]. Co [DCG12, HS06, LGJZ16, LH16, WIDP12, CCW+20, LF19, OG16, Wu13, YWGH13, Yu20, THB22]. Co-Design [HLH+16].

Co-Designed [HS06, DCG12, Wu13]. Co-evolution [WIDP12].


COBOL [IBM88, Int88, TT96]. Code [AC08, CDN02, Dom80b, Fra83, GHF82, GHF83a, GHF83b, RJK16, VGF11, WNL+83, Ano15, DNR06, EL98, FC98, FCG+05, HK07, HLW+13, JM08, NG13, PV08, tTR82, UTO13, WKJ17, WGF+11, Cox12].

code-copying [PV08]. Coded [ZLL+20]. Codesign [KAJW93]. CodeWeavers [Ano03b].


Collaborative [Cap21, IEE06a, XWH+16, ZCG+17]. Collecting [DS16].

Collection [ADM98, Ano03b, BS90, HPHV17, SHB+03, URJ18, BOF17, DEE+16, PBAM17]. Collection-Oriented [BS90].


COMMA [ZNSL14]. Commandos [MC93]. Commodity [KLK+22, RTL+18, Ros99, ZTW+17, BK14, CGL+08a, CGL+08b, CGL+08c, CLDA07, TLBW12].

Common [CK87, Cro93, Int05a, Int05b, Int06a, ECM01, ECM02, ECM05, ECM06, Int06b, Int06c, Int06a, MR04, FW03, RSF03].

communicating [KDK20, SK13c]. Communication [CL17a, CK06b, CK06c, DJ77, GGM+16, HW15, Jen79, MTFK19, RLZ+16, YC98a, YC98b, BML+13, DSC+08, DJ76, GI12, Tho21].
Communications [NKK+06, CFVP12, HSC15, MN91]. communities [ACM04b]. Community [FMJ15, Var91, AAB+05a]. Community-based [FMJ15]. compact [AMB+17]. compaction [WK08]. companies [STMV18]. Comparative [LJL+15, EYGS19, Van98]. Comparing [Gal11]. Comparison [Do11, EDS+15, Ng01a, Ng01b, QNC07, AA06]. Compatible [ZFL15]. compensation [XNH21]. Competition [CRZH15]. Competitive [BFG+14]. Compilation [ACM06b, Cla97, FM90, JK13, KS13]. compile [RAT17]. compile-time [RAT17]. Compiler [GFH82, Har77, FS89, YC16, THL03]. Complete [Bod10, Fis09, LJN+00, RRB17, War02]. completion [MNT14]. Complex [KAZS14, Sig89]. Complexity [SSH17, Bod88, FS08, GLK+12, Sub08]. Compliance [HC18]. Compliant [CF00, HWCH16, LDRS18]. Component [Ano03b, BSNB20, WML02]. Component-aware [BSNB20]. Components [PM19b, HPHS04, IKU15, VWT13]. Composable [JHE14]. compose [RGS+20]. Composed [Wel94]. Composite [DKW15]. composition [PFNC20]. compositional [Yel99]. compound [VMBM12]. Comprehensive [AP22, HSN17b, LV99, PCW+16, PS19a, TFltLC15, GP13, MFT+19, MA17, NMC18b, NMC18a, RHR20, YWL+14]. compressing [JDW+14]. Compression [HKKW13, SHTE11]. compromise [CD01]. CompsC [PDC+12]. Computation [HW93]. Computation [MTFK19, RWC21, CMP+13, CKP+93, KIJ+16]. Computational [MB20, THLK10, Winn13, YQZ14]. computations [Kra90, NOR15]. Compute [GSW+17, KL13]. Computer [ACM81, ACM06d, Ano93, Arm78, BGS89, BG74, CCO+05, DM75, Gol73c, Hsu01, IEE85, IEE90a, IEE91, IEE05, Nel04, PBR+90, SS75, SI81, Tho73, Tur92, WR07, WR08, ZR06, Agr99, B01, D05, DTW07, DCA17, FFB+00, GE85, GD08, H02, Jou85, Jou07, KW80, LB+07, ME87, MS01, Pou90, Ros06, S06, SS72, Ssn76, W075, Y001, Y02, Y07, Osb01, War11]. Computers [BP99, BKMM87, BS90, KD78, MSS+15, Say67, HP77, SGGB99, SGGB00]. Computing [ACM98, ACM04b, ACM05b, ACM06e, Abr80, AAMBE21, AGC18, AD18b, BCW20, BHEP14, CWL12, CPKL17, CMF17, DDS+94, DPCA11, Gei02, GB19, HCB18, HW12, IEE96b, IEE04, IEE06a, IBBA20, KC16, KG+04, KK19, LCK11, LW12, MSG14, MZ20, M098, NLPV12, NSJ12, PCW+16, PG+17, PLZ20, PS16, RCM+12, RSNK17, RSN+18, SCSL12, SZW+16, SFE+06, SB18, TCM+16, USE93, Vog03, WDL+20, W08, WCC20, WTM18, XSC13, YLN+17, ZL18a, ZL16, ZZF06, ZAI+16, ZD18, ZB20, ADA+19, Ano96, AMA+14, ARMA18, AB19, BB20, BS96, CD14, CDM+10, CCL+20, DQR+13, DS18, DHD20, DCMW17, Fis91, FF96, Fro13, Fu10, GGQ+13, GLA+08, HKS19, HKJ19, Hui18, JC18, JPTE94, dCJR16, KHL17, KSO+15, LBZ+11, LLW+12, LSC+16, LCL14, LTZ+14, LP11, LPP+18, MB21, MNA16, MK19, MC+20, MK11, MFT+19, MUX06, M+06, MA21, MA17]. computing [MA19, MMG+18, NRdA+20, NAR19, NIA18, PSZ+07, PM19a,
consumer [PAKY16]. consumer-centric [PAKY16]. Consumption
[DSM14, HKM+18b, MV16, FAA17a, FAA17b, FFB+00, KSS+20, DPBK16, RJK16, SERS18, THG+18, TUM18, VED07, VWT13]. Containment
[ECET18, HO22, SPF+07, YLN+17, ZTA+21, ZB20, ZLW18, CMG+19, GKP+19, Ker15, MG19, SG10a, Str13]. Container-Based
[ECET18, YLN+17, HO22, SPF+07]. Containerization [HSL17].
Containerized [HSL17]. Containers [Kov19, Ran20, BJ22, DSS19, DL19a, MK19, MFT+19, Ros14, SMR18, SLR20, WG+18]. Containment
[CLW+14]. Content [CWH+16, FLZ17, LYS+18, MSC+21, GVI13, HKN22, LLF+18, LLWW18, XJR+17]. Contention [JQWG15]. Content-Aware
[BB95]. Core
[PAR79]. Core
[Han73, ABB+19b, Han73]. Control
[AGLM91, Att79, CFLL19, CL16b, Con65, Cre65, DL19b, GGK18, HS19, HH+16, LZ15, LGJ16, LX1+22, PSBG11a, RSK17, RSN+18, Sch94b, Sch94a, SDD+16, Sur01, WJ10, WUK+18, WN17, WSAJ13, WLM17, Zy94a, Zy94b, Aih22, AS76, AMIA19, BKH+06, FP14, HB08, Kee68, Kis08, KKS12, Lio05, Ob87, PSZ+07, PSBG11a, PSC+07, STS+13, XHW+19, ZBG+05, ZSW+06]. Containers
Cooperating [PPW+09, SIl20]. Convergence [RM03, KKK+18].
Conversion [GBO87, IBM94, YTY00]. convex [SJR13]. Convolutional
[EVCL21]. Cookbook [Car13, Car14, G+06, P+08, TH10]. cooling
[ARRMA18]. Cooperative [KJL11, RIP18, GLL16]. Coordinated
[BRX13, LZ15, CRB12, HH18, KJK+13, NS07, BBMA91, MS91].
Coordinating [LS15, ZNSL14]. Coordination [ABV12, CRG16, TH03].
COOTS [USE99]. Copley [USE01a]. Coprocessor [LRZ16]. Copy
[AGJS16, LSC+17, ZCJ+21, HDG09, LXR19]. Copy-on-Abundant-Write
[ZCJ+21]. copy-on-write [LXR19]. copying [PV08]. CORBA
[GCARPC01]. Core [KR18, RTL+18, CMP+07, DQR+13, JAD19, KW13, PNT12, SK13, SWH+13, YTS14]. Corel [An093b]. Corfu [DJ+07].
Corner [Sch94b, Sch94a]. correct [DM93, IM75, Kout11]. Correction
[ARA20b, Lee16, NMC18b, SHR19a]. Correspondence [BDJdS02].
Cosmology [Ne04]. Cost
[AMA18, AMH+16, CZX+19, EVCL21, HKS19, HKM+18b, VS19, WDL+20, XLWX19, ZB20, ADA+19, Dre08, KJM+07, LBZ+11, MTTM22, NMC18b, NMC18a, OMB+15, SJRS+13, WCY+17, YXR18, ZL15, ZLW+19a]. Cost-Aware [EVCL21, YRJ18]. Cost-Effective [VS19, HKS19, MTTM22]. Cost-Efficient [AMA18, CZX+19, ZB20, OMB+15]. Cost-Performance
Counteracting [VT14]. Coupled [WN17]. Coupling [BJPS73]. course
[AL05, Don88]. courses [BB06, GD08]. Cover [Arm98]. Coverage
dependencies [BKC+13]. Dependent [BP99, BB17]. Deploy
[Kol19, XHW+19, CSMB15]. deployed [RY10]. Deploying [KLLT18, R+13].
Deployment [FBM+21, LXZ+21, MSC+21, ZLZ21a, AAB+05b, Bor07,
CGV10, LPZ+22, SASG13, WGW+18, ZLZ13, ZLV+12, ZBS+15]. depth
[CBFH20]. derivation [MSZ09]. Derivative [Pfo13]. derived [Int06c].
Deriving [HWB03]. Description [Cre65]. Design [ACM06a, AC16, Ano03a,
Ano03b, ITCNW14, ACA16, BKR20, BGS89, CLKEF21, CPS17, Clo85,
DAH+12, Das91, Dom08a, DSL+01, ESY+17, GFB+92, JNR12, JJ02,
KGGs17, KGSs18, Kut92, LH16, ML78, Mar73, Mar08, MNN05, NBS18,
OH05, PP73, PCW+16, SIR+17, SGGB99, SGGB00, SJL20, SM02, Sur01,
WC01, WSG05, WP97, XCI+14, ZSXZ07, ZL18b, ZAI+16, AM16, Bhu02,
BT15, Bur02, CARB10, Car14, DN14, DCA04, DNR06, GR80, HH05, HH13,
JAC+19, Les74, Lia05, MSCK92, MRG18, Oi05, PMC05, PMN+20, Pu91,
RGS+20, SI81, SNV10, SMB11, SJW+13, Tur84, ZJRW19, CMP+07].
Designed [HS06, DCG12, Wu13]. Designing [Par79, PM19a, PDM20, TGCFO8].
DesignJet [MSCK92]. Designs [DMS02, RGSJ17]. Desktop
[Ano03b, BW+15, KGG00, CCWY05, EM06, LLX+17, SWW+18, WH05].
Desktopting [JKB15]. desktops [KKJL14]. destination [HM20].
Destruction [NOT+17]. Detecting
[CL14, CJI+22, JKDC05, TV12, CWd+06, LRC05]. Detection
[CWS12, CLW+14, HTAY12, JSX+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
[HHZ+14, PCR89, RHZ+17, Win71, R+13]. Development
[JGBKR19, Kna93, Lia05, RT93, Wil01, Bor07, But94, CWG00, Her10,
IBM88, Int88, STFH15, TTT93]. Device [Ano03a, KJK+10, KKT17, Nou92,
SGB+16, XDY+18, FFBG08, L0U4, SBQZ14, TtLcC13, WHSE15, YWT15].
Devices [CXLX15, KLK+22, MV16, RC18, SB03, SVL01, XD16, XD17,
CT03, DPW+09, PDC+12, Rts08, Wal76]. Devirtualizable [LS04].
devirtualization [KJM+07]. Devirtualizing [HHS18]. DevOps
[FBL18, SCL+19]. Diagnosing [MST+05]. diagnosis [PO14]. dialect
[BMWB86]. Diego [Ano10, IEE93a, USE99]. dienste [WF03]. Difference
[GLV+09, GLV+10, Wal10, WBW+19]. Different
[Ne04, PM19b, MFT+19, WCG21]. differential [CSS+16]. Differentiated
[MSS+15]. diffusion [DM93, MM92]. Digital
[MBK+92, TLB12, vCPwT11]. dimensional
[BSSM08, HPcC04, ZMD+21]. Dinamica [FSFP19]. DINO [RSW91].
Direct [M098, TtLcC15, BLRC94, LC09a]. direct-mapped [BLRC94].
Directed [AJM+06, CSS+16, NG13, RP07]. Directions
[FLZ+20, GB19, WC01, NIA18]. directive [CPM+18]. directive-based
ARMMA18, AP18, BK14, BB12, BB15, BZA12, BOF17, CSV15, CPST15, DS18, FAA17a, FAA17b, GAHL00, GPW03, HM20, HTAY21, HLW+13, HB13, IRB19, JK13, JYW+13, JC18, JK17, KRCH14, KJM+07, LMV12, LYYY18, LJL12, MRG18, Mly09, NZH20, NTH+17, PGLG12, PBAM17, RH17, RRB17, SHR19a, SHR19b, SSEA18, THH+14, TK20, Tho73, WRSvdM11, WRS+15, Wu13, WWH+17, XWW+21, XH90, YWF09, vKF13].

Dynamically [MZG14, SML18, BLRC94, BDT13, FC98].

dynamically-linked [FC98].

Dynamics [MB20, YWCF15, ACT94].

dynamo [Hol95].

E-Mail [Joo06].

e-Science [SVG12].

e-server [A+04].

Eagle [KS18a].

eyearly [HLW+13].

eyearly-exit [HLW+13].

Earth [BC19].

Ease [Par79].

EASY [Flit77].

eBay [Joo06].

ECI [AMA18].

ECI-Cache [AMA18].

ECMA-335 [ECM01, ECM02, ECM05, ECM06].

ecological [KSSG16].

Economic [VMW+19, DMH18].

Edge [BBM+15, CPS17, Cre10b, HCB18, HS21, LKIL19, LGZ+19, RSNK17, RSN+18, Sar16, WCC20, XLL+20, ZLG+20].

Edge-Cloud [XLL+20].

edge-intelligence [MPA+18].

edge/cloud [MA19].

Edition [KGG00, LYBB14].

Editorial [Sed07, WYZAD20].

Editors [FDF05, KS08b].

EDSAC [CK06].

Education [ACMO6d, GPM21, AJD09, DG05, GLA+08, HMS04, DTW07].

educational [WDSW01, YMY17].

Effective [LW11, LWC+17, VS19, WUK+18, HKS19, MTTM22, Sto07, WKJ15].

Effectively [Ur15].

Effectiveness [ELC+19, Man15b].

effects [JK17, PLMA18, KCV11].

Efficiency [BPP+17, JFPL16, KDB16, CFRSSR19, DHD20, FGG14, GTK17, GKV+19, IPRS21, KSSG16, MDZ+21, PVR14, PBAM17, QXH18, SEPV19, WTL+16, XHN21, ZLY18].

Efficient [AMA18, ASMA21, BYZZ20, BWH+19, BHD09, BKH+06, CWL12, CWH+14, CZX+19, CGV10, CHPY17, DMR10, ECJ+16, EG01, GHS17, GGGK19, HTW+19, HB13, JGSE13, KJL11, KLR+20, LM99, LFHQ19, LZM+20, MZD+18, MAK18, MBBS13, NSL+06, ORPS09, PP16, PWJ16, PCC+16, RSF+15, SSS+20, SYZZ+14, SHZ+14, SB3, TLX17, WLV+15, WCC+16a, WXZ+17, WCC20, WHD+16, WXZ+17, XYD+18, YP15, ZDK+22, ZLL+20, ZLG+20, ZBOO, AAM+16, AMAB17, BHvR05, BB12, BB15, BRIID10, BRS+22, BHSB14, BDE+03, CP17a, Car14, CGM17, CFS+12, DQW15, DCP+12, DCA17, EGK02, FM90, HM20, HM18, HML17, HKJ19, HLBZ20, IMK+13, JFZL17, KMT14, Kha19, KK21, KMG+18, KR16, LLL17, LZC+16, LYW+20, MMH19, NTH+17, NBS18, OMB+15, PEL11, PM19a, uRQS20, RHR20, RT18, RZ14, RCTY19, SBI21, SEN16, SJRS+13, SSN12, SGV12, SYMA17, SLA+16, SHTE11].

Efficiently [WKJ15, WHW20, XXZ13, XLQL18, YPLZ17, YYC+19, YLK+10, ZWX16, ZDK+19, ZL13, ZLCZ18].

EGO [FSFP19].

Eighth [IEE01].
einem [See08a]. **Einführung** [CK06a, CK06b, CK06c, CK06d, CK06g, CK06f, CK06i, CK06h, CK06j, CK06k, CK06m, CK06l, CK06n, CK06o, CK06p, CK06q, CK06t, CK06r, CK06s]. **Einsatz** [Zim05]. **Einsatzmöglichkeiten** [Zim06]. **Einsatzszenarien** [Sch13a]. **Elaborate** [WMUW19]. **Elastic** [AAMBE21, AD18h, KSO+15, PLMA18, BKR20, LPBB+18, NAR19, TSCB19]. **Elasticity** [GLS15, MMdE19, OSK15]. **ElasticSearch** [Ben21]. **ElasticSFC** [TSCB19]. **electricity** [LBZ+11]. **Electronic** [MSCK92, ZR06]. **Electronics** [GPM21, BB08]. **Elektronische** [Mar08]. **Elementares** [Han73]. **Elementary** [Han73]. **ELI** [GAH+12]. **elimination** [VED07]. **elliptic** [AGIS94]. **Elmau** [IEE01]. **em88110** [VdlFCC97]. **embeddable** [Web10]. **Embedded** [AM16, BL17, Che21, EMW16, OMB+15, PHXL19, PHC20, YLH17, AO16, BG20, BCC+15, CRB12, EMI13, HKB19, HH18, JK15, KKM+13, NTH+17, OKAM17, SS19, SZL+14, TK20, WHC16, WBW+19, WZZ+20]. **Embedded-System** [Kut92]. **Embedding** [AM16, BL17, Che21, EMW16, OMB+15, PHXL19, PHC20, YLH17, AO16, BG20, BCC+15, CRB12, EMI13, HKB19, HH18, JK15, KKM+13, NTH+17, OKAM17, SS19, SZL+14, TK20, WHC16, WBW+19, WZZ+20]. **Embeddings** [RS20]. **EMF** [WIDP12]. **Emphasis** [Cre65]. **EmuID** [CJJ+22]. **emulate** [tTR82]. **emulated** [THC+14]. **emulating** [VdlFCC97]. **Emulator** [Ano14b, Bru07, CFH+79, CFH+80, CK87, FS11, MZG14, WCC16b, Bar06, KS13, Les74, She02]. **Emulators** [Ert03, HHC+16, Mal73, Ert05]. **Enable** [XD17, TMJ+21]. **Enabled** [HTB22, LXZ+21, SB18, DMH18, HTB19, KS20a, SGTW12]. **enabler** [BDC+09]. **Encoding** [BDC+09]. **Encryption** [SXH+19]. **End** [Ram93, SS17]. **end-users** [SS17]. **Endurance** [AMA18]. **Energy** [ADA+19, AGC18, AAK18, BWD+15, CWL12, CP17a, DMR10, DQLW15, Do11, DCMW17, EGR15, FML+22, LLZ+17, HTW+19, HKM+1b, IRB19, JJK+17, JJPL16, KC16, KSS+20, KB21, KDB16, KCS14, KL14, LMM18, LZC+16, LYY+18, LGJ+18, LYY+20, LWC22, MDZ+21, OBS16, PHC20, RK16, RH17, SBU18, SYMA17, SZL+14, TDD20, XWX19, YLK+10, YRJ18, ZDK+22, ZWC+19, ZHL16, AMAB17, ARMA18, BAC15, BB12, BB15, BRIdM10, BJG19, BRs+22, CD14, CFRSSR19, DP11, DHD20, DXM+17, FAA17a, FAA17b, FFb+00, GLK+12, GTN+06, GJK+19, HM20, HM18, HLZB20, JWH+15, JFZL17, JC18, KMT14, KTB17, KR16, LJJY15, DPB16, MHM19, NTH+17, NBS18, dOL12, PVRR14, PTb+18, QXH18, RHR20, RP07, RT18, RCTY19, SBI21, SENS16, SMD18, SHR19a, SHR19b, THG+18, VW08, WDT18, WHW20, XNH21, XZK+20, YPLZ17, YW20, YLJ22, ZLCZ18]. energy [ZYLY18, ZSRR22, RNA+22]. **Energy-Aware**
[AAK18, Do11, EGR15, LMM18, PHC20, XLWX19, ADA+19, DCMW17, KC16, KB21, LYYY18, LWCZ22, RH17, SZL+14, ZWC+19, CD14, DXM+17, GLK+12, JC18, KCS14, MHM19, SHR19a, SHR19b, WDT18, ZSRR22]. Energy-Awareness [ZHL16]. Energy-credit [KCS14]. Energy-Efficiency [JFPL16, XNH21]. Energy-Efficient [DMR10, HTW+19, ZDK+22, CP17a, LZC+16, LYY+20, SYMA17, YLK+10, BB15, BRIdM10, HM20, HM18, HLBJ20, JFZL17, NTH+17, NBS18, RHR20, RCTY19, SBI21, WHW20, YPLZ17]. Energy-Oriented [BWD+15].

Energy-performance [ZK+20]. energy-saving [YLJ22]. Enforcement [LJFS17, NMMP15]. Enforcing [KC12, WZL15]. 'Engine [Wal10, GLV+09, MO98, VG20, GLV+10, J+05, MIS+05]. Engineering [GPM21, IEE84b, SDS+21, ACM01a, MKM+08, McG72, MPM+20, WZV+13].

Enhance [GLS15, MK19]. enhanced [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 [GAHL00].


Environment [ACL72, BGM70, CL16b, GKS99, Gen86, GGG03, HW93, IEE06a, J+05, JADAD06a, LWC+17, LIW2, Mac79, RT93, TMV12, XSC13, XLL+20, ZD18, AAB+05b, BR22, BH13, CLDA07, CWG00, DL19a, Don87, FCD09, FA17a, GD08, GMR93, Hal09, HL13, JWH+15, JXZ+10, JADAD06b, KW13, KKK+18, KMG+18, LJY+15, LPZ+22, Mc72, MST+05, MW18, MPF+06, NKK21, NS17, PM19a, RGAT18, RG19, RAP19, TML14, TT93, TV18, Van06, WLL+13, XZZ+16, Yu20, ZBP05, ZLLL13, FAA17b].

Environments [ACM05d, ACM06f, AD18b, BB17, BE17, CWL12, CGMD19, GKKX13, HHW10, HKK13, KKH+04, LH15, NKY+18, PWJ16, PLZ20, RIP18, RGSJ17, SV13, SKT+19, XLWX19, ZWFX17, ZZF06, ARA18, ADA+19, ATS14, BCC+15, BRIdM10, BD+08, CFVP12, DP11, DS18, DEG+17, FMIF18, GPS+18, GMK17, GGK19, HOKO14, HCL2, dCJR16, KSO+15, KKB14, LC14, PSZ+07, PST15b, SGG+20, SJW+13, SGV12, SHB19, TRG13, VDO14, WWWL13, WTL+16, XHL+13, YLK+10].

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

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


ESA/XC [GH91a]. Escape [WLCS17]. Escapers [SXH+19]. eServer [R+02, G+05]. Espresso [WZL+18]. ESPRIT [RD90]. Essentials [SN03, BBM09, VSC+10]. Estimation [DSM14, HSK17, KSSG16, NKY+18, OBSR16, LBL16, MPA+18, VWT13, WDT18]. ESX [AAH+03, \ldots]
extraction [WML02]. ExtraV [LKY+17]. ExtraVirt [LRC05]. extreme [NOR15]. EXUS [SKC73]. eye [Guy14].

Flow [FML+22, WJ10, BSD19, BK14, BKH+06, FLL+13, GE85, RJK+17, TK20, YKS16]. Flows [CD13]. Fluid [MB20]. Flux [SML18], fly [URJ18].
focused [BDG18]. Fog [NBS18, MMTM22, RNA+22]. fog-cloud [MMTM22]. folding [CPST14, Oi06]. Forecast [CWL12, TM114].
Forecasting [PCW+16, CB32, KSSG16]. Forensics [HN08, ZXY+15].

Foreshadow [VMW19], Formal
[BDJdS02, BN75, CH78, Dom80b, JE12, Jen79, MP01, PG73, PG74, Qia99]. Formalism [UOKT84, Pul91]. Formalizing [HM01].
formation [HLW+13]. FORSETI [CSV15]. FORTH [Mar81, Kna93, Ode87]. FORTRAN [IBM88, Int88].
Forum [CS76, DM76, Fra83, GHF83a, GHF83b, WNL+83, DHPW01, GPW03]. Found.
cation [BDG18]. Fog [NBS18, MMTM22, RNA+22]. fog-cloud [MMTM22]. folding [CPST14, Oi06]. Forecast [CWL12, TM114].
Forecasting [PCW+16, CB32, KSSG16]. Forensics [HN08, ZXY+15].

focused [BDG18]. Fog [NBS18, MMTM22, RNA+22]. fog-cloud [MMTM22]. folding [CPST14, Oi06]. Forecast [CWL12, TM114].
Forecasting [PCW+16, CB32, KSSG16]. Forensics [HN08, ZXY+15].

 Foreshadow [VMW19], Formal
[BDJdS02, BN75, CH78, Dom80b, JE12, Jen79, MP01, PG73, PG74, Qia99]. Formalism [UOKT84, Pul91]. Formalizing [HM01].
formation [HLW+13]. FORSETI [CSV15]. FORTH [Mar81, Kna93, Ode87]. FORTRAN [IBM88, Int88].
Forum [CS76, DM76, Fra83, GHF83a, GHF83b, WNL+83, DHPW01, GPW03].

Foundations [Hog08, HMS17]. Fourth [QNC07]. Fourth-Generation [Ano03b, MS91b].
Fourth-Generation [Ano03b]. FP [JFPL16]. FP-ABC [JFPL16]. FPGA
[GP13, QTR21, ZDS+22]. Fragmentation [GWZ16, HKM+18a]. Frame
[WH99]. Framework [DY17, GCL+21, GH91b, JXL+12, KCWH14, KAJSW93, LGZ+19, LWL10, LWB13, MGL+17, PXG+17, PST+15a, PLZ20, SZW+16, SEK+19, TMV12, WGW+18, XHH+16, XHH+16, YWH+21, ZFL15, ZWFX17, ZDS+22, Ame13, AC16, BB15, BDE+03, CD14, DS20, DLH+20, FPGK18, FMJ15, Fre05, JSK+13, Kao90, KKM+13, KJJ+16, LLLE17, NB11, PM19a, PDM20, PV06, RH17, RSC+15, RK18, SJRS+13, SSEA18, SL00, SIK+16, STY+14, WHC16, YWTC15, ZW16, ZS01, ZSR+05].

Frameworks [AP22, ZLW18, AGH+15b, HZZ+14]. France
[ACM90, ACM05b, Jou85, JFTE94]. Francisco [ACM06a, USE02]. Free
[Ano03a, BRX13]. FreeBSD [McK04, MNN05, Sar01]. FreeBSD
[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, CEPR22, Che21, EMAL17, ELC+19, FBM+21, FLZ17, GGK18, HAY21, HSL17, JW17, KLR+20, LWW+16, LYL21, MLXG19, MGD+21, MSC+21, Pap20, PHXL19, RKRK17, WCC20, XWW+21, YWW+18, ZSP+21, ZLZ+21b, ZKW17, Ahn22, ALW15, BCC+15, DS18, FZS+20, LMDP19, MCJ19, MHS21, SHB19, TSR19, TSCB19, XHW+19, YLT1X20, YXL+20, ZJR19]. function-virtualized [DS18].
Functional [ACM90, Dan86, DCG12, GMP89, Ame13, Wak99, Jou85].
functionality [MK19]. Functions [BYZ20, BCZ19, DL89, KLLT18, MP16, NGRF19, TF16, DS19, FJIK17, HHS19, HH19, KWZ+19, LRP+19, PJJ+19, PFNC20, QZD16, TSCB19, YCL+19, ZGL+17, CB22, GHM+18]. fundamental [BCZ19]. funfte [Müh75]. funnel [LMV12]. Fusion [Kis08].
Future [FLZ+20, GB19, Her06, IBBA20, KS08b, LCMV17, RG05, Sup04, Var91, AH12, Bau05, NIA18, PTD+18, Ros14, Str13, Yur02, SJPP11].
Fuzzing [KLF+15]. Fuzzy
[AAR22, BY20, Hu90, LZ15, CFRSSR19, FA21, FLM+08, SENS16, ZB18].
Fuzzy-logic-based [BY20]. FWNs [SIJPP11].


[GKSP99, HSK17, HHS18, HWCH16, KGGS17, KGGS18, LMM18, LWW16, LLZ18, OVI+12, RG17, YLH17, ZSP+21, ZAI+16, ZB20, Bac11, CDM+10, CKRJ17, DCMW17, GTGB14, GCARPC+01, KHL17, KKB14, KSS+18, LZW+15, NRS92, PMC05, RAP19, SWH+13, SWC08, ZLLL13]. HeteroOS [KGGS17, KGGS18]. HeteroVisor [GLS15]. Heuristic [BL17, LWW16, XH90, CD14, KMT14, TSR19]. Heuristics [ARMMA18, ATS16, BB12, KR16, Man15b, SBNU18]. HI [Shr89]. HICAMP [CFS+12]. hidden [CWdO+06, WQG15]. Hiding [CLS07]. Hierarchical [ABB19a, DM75, Kee68, SPAK18, YWF09]. Hierarchies [TBS17]. High [ACM98, ACM04b, AMA18, Bad82, BPP+17, BCW20, CW03, DMS02, DYL+12, Han16, Hog02, IEE96b, IEE06a, IBBA20, KCWH14, KBK+21, KKT17, KMM13, KKS+19, LCK11, LMG01, LRP+19, LJZ12, LHAP06, MLG+02, RCN+12, RB01, SD01, SCSL12, SV13, SY14, URJ18, Vgf03, WQG15, WCC16b, YWCF15, ZLLL13]. High-Assurance [LJZ12]. high-availability [Fu10, LDL+08]. high-bandwidth [WXW15]. High-Endurance [AMA18]. High-Fidelity [KKTM17]. High-Level [DMS02, RB01]. High-Performance [ACM98, IEE06a, IBBA20, KCWH14, LMG01, SD01, SCSL12, URJ18, WCC16b, dGG+17, Han16, Hog02, KBK+21, SYC14, HKJ19, LLE17, LM99, LMG00, MLG00, MUXX06, SPF+07, SPAK18, WXW15, WWH+17, XJW+18, ZY+18]. high-performing [GBCW00]. High-Speed [KKS+19, LRP+19]. High-Throughput [BCW20]. Higher [BW03, MKM+08]. higher-assurance [MKM+08]. Highly [KD78, ZFL15, CARB10, CGM17, GI12, GVI13, TGCF08]. Hilton [IEE90b]. HipHop [AEM+14]. histograms [CL14]. History [War20, SK+17]. History-Based [SK+17]. HITAC [KAH83]. Hitless [ZWZ20]. Hive [Tay76]. HLA [LCT+15]. HLA-Based [LCT+15]. hold [Yue02]. Holders [War11]. hole [EB20]. Holistic [LGJ+18]. Home [DW14, Sec08b]. hones [Won97]. honeypots [ALL06]. Hood [Ven96, Ven97b, Ven97c]. hooks [AKCP21]. Hop [WBHN18]. Hopping [DL19b]. Hose [YLH17]. Host [CLW+14, NASD21, QNC07, HM20, LMJ07, TB14]. Host-Based [CLW+14, NASD21, LMJ07]. Hosted [SVL01, CBLFD12, CKT08, DS09b, SYC+14]. hosting [RQD+17, YMY17]. Hosts [BB13, Bap06c, CLL+13, TLc13]. Hot [IEE96a, IEE97, IEE99, IEE01, BBT+17]. Hotel [USE01a]. HotOS [IEE01]. HotOS-VIII [IEE01]. Hotplug [LJL+15]. HotSpot [Sch13a, IRB19, GM98, BOF17, HV+02, WKJ20]. HotSpotTM [RB01]. Houston [ACM06d]. HP [BKMM87, MSCK92]. HPC [M+06, GPS+18, HCJ07, JQWG15, PNT12, PCB+18, Spa19]. HPC-GTP [M+06]. HPC.NET [Vog03]. HPCC [DF96]. HPCS06 [IEE06a]. HPVM
[DCG12, Wu13]. Hybrid [GSW+17, HD16, KCWH14, LSC+17, PST+15a, RSNK17, VVC+17, WGLL13, FX06, KN18, KSS+20, KS18a, LQW+12, RJK+17, STMV18, YWGH13, ZGW+06, Gua14]. Hybrid-Copy [LSC+17]. Hyper
[Gal09b, Lar09, LC09a, TZB19, WXW15, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. hyper-space
[WXW15]. Hyper-V [Gal09b, Lar09, LC09a, Apr09, Car06, KVV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SRS09]. HyperBench [WZT19]. Hypercubes [HO92]. HyperMAMBO [dGG+17]. HyperMAMBO-X64
[BAL15, CL16a, HWCH16, JZY+22, JSHM15, JAS+15, KYP+17, LKL+19, NASD21, NOT+17, PPG+17, SJV+05, SKYK16, WJ10, WHD+16, XD16, XD17, YJZ+21, You73, ABG14, ASB18, BBD+10, Chi08, DN14, MSZ09, NS17, RSLAGCLB16, Ste14, SL12, KSS09, KS10]. Hypervisor-as-a-Service
[WHD+16]. Hypervisor-Based [BAL15, LKL+19]. hypervisor-secure
[SL12]. Hypervisors [Rev11, SPF+07]. hypervolume [EB20]. HYVI
[Gua14].

I-Caching [MM93]. I-IoT [BSL+18]. i.e [MC93, Mühl75]. I/O
[RM03, AJM+06, AMA18, ASMA21, AD11, ABG14, ABB+15, BMS16, BPM+22, BHEP14, CWH+16, CDD13, CRZHI5, DCP+12, DS09b, GCL+21, GAH+12, HA79, HB12, JAD19, KS08a, KBDK22, KMN+16, LLLE17, LMR18, LHAP06, NSP16, PST+15a, Rus08, SBQZ14, SYC14, SVL01, THH+14, TtLC13, VW08, WR12, WTL+16, XNH21, YJZ+21, ZWF+17, ZSR+05]. I/O-intensive [BPM+22]. I/Os [OBSR16]. IA [Ano14b, De 06, Don06]. IA-32 [Ano14b]. IA-64 [De 06, Don06]. IaaS [GLLJ16, GA18, HKM+18a, KDB16, PPO14, RB17, SBBP20, XCSM18, ZLHD15, ZHW+17]. IAS [FS11]. IAS/von [FS11]. IASSim [FS11]. IASTED [Ano99b]. iAware [XLL+14]. IBBE [SXH+19]. IBM
[ADG+92, A+04, ABDD+91, ABB+15, Ber86, B+05, Bri98, D+04, GBO87, G+06, G+05, Kam75, MIS+05, Mly09, Obt78, P+08, R+06, R+02, SZ88]. IBM/360 [Kam75]. ICE [Ano06a]. ICL [HP77, Kec77]. ICTree [FBZS12]. ID [SJPP11]. ID/Locator [SJPP11]. IDE [Ano03a]. idea [BBS06]. Ideal
[Ran20]. identification [BZD17]. Identifying [CL17a, MD12]. Identity
[SXH+19]. Identity-based [SXH+19]. Idiom [KKM+13]. Idle
[DEE+16, SBK15, HKJ19]. IEC [Int05a, Int05b, Int06b, Int06c, Int06a]. IEEE
[ACM04b, ACM05c, ACM06a, IEE90a, IEE91, IEE02, IEE03, IEE04]. IEEE/ACM
[ACM04b, IEE04]. Igniting [ACM03a]. II [Cre08a, TSR19]. IJCAI
[AD11, BTAB22, CWH+16, EF94, HKM+18a, NSJ12, ZCL+21, IM93, KMG+18, SBBP20, XZZ+16, WXW+17, XZW16, ZFY18].
Image-Content-Aware [CWH+16]. Images [Li14, WWL+17b, ZTA+21, BNS18, GKP+19, Is119, XJWW15, XJR+17, ZMD+21]. iMeter [YZLQ14]. iMIG [LZL+15]. immutable [SV15]. Impact [KK+19, Ros06, WKJ20, WZKP19, BT15, WKJ17]. Impasse [APST05]. Imperative [LFBB94]. implement [Sig89]. Implementation [fLtNW14, BBD+91, DAH+12, DJ77, DLS+01, Hal79, JR02, J02, KR94, Mar73, MD12, MN05, MN91, Nsp16, Rev11, SGS92, SIR+17, SCD90, SB73, Sur01, TV092, TO96, TFlC15, UOKT84, WLW+15, War80, YLWH14, YCL+19, YW20, ZSZX07, ZL18b, AFT01, ANH00, BKR20, Blu02, BT15, CKP78, DN14, DJ76, DCA04, IT86, JNR12, Lav10, Man18, MJ93, PNM+20, Sch09, SJW+13, SGGB09, SGGB00, SJL20, Taf11, WW77, XJWW15, XJR+17, ZMD+21].

Input-Output [ACL72], insider [LC09a], Insiderinformationen [LC09a], insiders [KSS09, KS10], Insights [Rev11], Inspection [SKI+17], Installation [Bec09, Bor01, KGG00, Lar09, WF03, Zim05, Zim06, MIS+05], Instance [AMIA19, EMAL17, KCKC15], Instances [WUNK17, ZG13], Instant [HPP15, Joo06], Instruction [Bec09, Bor01, KGG00, Lar09, WF03, Zim05, Zim06, MIS+05], Instance [AMIA19, EMAL17, KCKC15], Instances [WUNK17, ZG13], Integrated [BDJ91, QLL+21, vCPWvT11, CGW00, HKJ19, YZLQ14], Integrating [JMSLM92, LTT92, LCL14, OBSR16], Integration [GMP89, VGF16, Ame13], integratiert [Deu08], Integrity [CW03, DL19a, DM75, (Fo71, (Fo78, QT06, JXZ+10, KBC21, LXS19, XHCL15], Intell [AJM+06, CMP+07, DLM+06, Don06, KBC21, NKL+06, NBB+19, RSW+06, RJ00, URN+05, Uhl06, vSMK+20], Intelligence [MR91, JNR12, MPA+18], Intelligent [GH91b, HTAY21, PTD+18], intelligente [FO09], Intellij [Ano03a], intensive [BPM+22, GJK+19, IKU15, JFZL17, dCJR16, KBDK22, LFHQ19, QXH18, SZKY21, VVB13] Inter [cCWS14, GGM+16, RLZ+16, BML+13, CBZ+16, SWCM12, SBP+17, VOS12], Inter-Application [cCWS14, SWCM12], inter-cloud [SBP+17], inter-connectivity [VOS12], Inter-Domain [GGM+16, BML+13], Inter-Virtual-Machine [RLZ+16], inter-VM [CBZ+16], interact [EGD03], Interacting [SK13a], Interactions [cCWS14, SWCM12], Interactive [Hir17, LD05, MLA83, SSG90, WLS+18, Ber86, HMS04, KKLJ14], Interconnect [RCM+12, SKJ+17], interdependencies [LBF12], Interface [Cro93, SH04, Sun95a, Guz01, HP77, VL00], Interfaces [CLKEF21, Mac79, PST+15a, WML02], Interfacing [MC93], Interference [NBH08, XLL+14, XJL16, ZRD+15, ZLZ21a, HL13, gKEY13, SS13, VVB13], Interference-Aware [XLL+14, XJL16, ZLZ21a], Interferenc [ZRZY15], InterLISP [II79], intermediate [GLV99], internal [IBS1], internals [MKM+08], International [ACM00, ACM05a, ACM05b, ACM05d, ACM06b, ACM06f, Ano99b, BW03, IEE84b, IEE85, IEE93a, IEE96b, IEE02, IEE03, IEE04, IEE06b, IEE06a, LCK11, MS91b, MR91, Osm94, SS05, Shr89, Tho93, TLC06, ACM06c, JPTF94, M+06, HHK94], Internet [Ano99b, CK06b, KG000, ASL+20, AAMBE21, APST05, Ano03a, CHCC07, CK06b, CK06e, KB21, LW99, Mon97, PTD+18, SXH+19, SDM21, WSX+19, Wd01], Internethemmunkah [CK06b, CK06e, CK06c, CK06d, CK06g, CK06f], Internships [HMS17], Interoperability [GSS+18, CPM+18, Men03], interoperable [KKB14], interposed [ZSR+05], Interpretation [FTNY69], Interpreter [MSI18, SMK02, Ber86, KMMV14], interpreter/ graphic [Ber86], interpreters [EG01, CEG07, EGKP02, EG03, Ert05, KK+16, SYZZ+14, ZLBF14, Ert03].
Interpreting [Han05]. Interpretive [AS76, OJG91].
interpretive-execution [OJG91]. Interrupt [CL16a, TFtC15, AA18].
interrupts [AGH+16]. Intranet [An03a]. Intrinsics [PSBG11a, PSBG11b].

J [AC08]. J2EE [JDJ+06]. J9 [WKJ15]. Jahrestagung [Muh75]. Jail [McK04, Sar01]. Jailed [Wid01]. Jalapeño [AAB+00]. January [ACM99, IE93a, Shr89, USE01b]. Japan [HHK94]. Java [ACM98, ACM01b, An00, An01a, An01b, An02, An03a, Sch13a, USE01c, USE01d, USE02, Wol99, ADM98, Ame13, AT16, An097b, An97c, An097d, An093b, AFT01, ABC+07, AC98, ANH00, BDF+98, BHDS09, BD01, B01, BP03, Bri98, BZD17, Caa00, CW03, CT03, CH08, Cla97, Coh97, CD97, Cra98, Cza00, Daxx, Da97, DHPW01, DD20, DEK+03, DS09a, DBC+00, DCA04, DLS+01, EGD03, Eng99, EL98, Eun06, FFB+00, Fra98, FK03, G+01, GGG03, GPCARP+01, GPW03, GBCW00, HT98, Han05, HM01, HOKO14, HBW03, HB08, Ivo03, J09, J02, J02, Juo07, Kal97, KS13, LM99, LG00, LB98, LV99, LY97a, LY97b, LY99, LXXa, LXXb, LYBB13a, LYBB13b, LYBB14, LTK17, MSG01, MO98, Men03, MD97, MDxx, MLG+02, MB98, Mon97, MP01, NG13, OT97, Oak14, Oi05]. Java

Kundenserversystemen [See08a]. KVM
[Deu08, Hin08, DN14, GLC84, HWCH16, LZL15]. KVM-based [HWCH16].
KVM/370 [GLC84]. KVM/ARM [DN14]. KylinX [ZZW21].

L [Lot91]. lab [AL05, HMS04]. laboratories [DTW07]. Laboratory
[GPM21, Kim84, SVN]. Labs [See08b]. lag [ZMD21].
Lagrange [SS22]. Laboratories [GPM21, Kim84, SVN].
Labs [See08b]. lag [ZMD21]. Lagrange [SS22].

Language-independent [PFH16]. language-level [WCG14].
Language-Neutral [WBH18]. Languages [BS90, Dan86, KP99, LFBB94,
PTHH14, SS90, Tol98, YKM17, ACM99, BDT13, Jou85, ML78, MRG18,
PMC05, PUL016, SSB16, Sus76, TB14, Wel02, Wu13, YWF09]. LARD
[WCG14]. Large [DK93, GKB15, PHL12, RIP18, RGSJ17, SAP21,
SLM98, XDSL15, ZSXZ07, ZLW14, ZTA21, BLRC94, DK75, FPGK18,
LPD11, Niel2, Req03, STMV18, SZ13, SHTE11, WCG21, YZSC17].
Large-Scale
[PHL12, SLM98, XDSL15, ZLW14, ZTA21, SZ13, WCG21, YZSC17]. last
[Rob12]. Latency
[ASSB18, BPP17, BL17, MV16, RZPX19, IMK13, MMTM22, ZSW06].
latency-aware [MMTM22]. Later [FS12]. launch [AMIA19]. launch-time
[AMIA19]. Layer [SKT19, BTLNBF15, MA17, RSLAGCLB16, ZFY18].
layered [PS07]. layering [YWF09]. LayerMover [ZFY18]. lazy [Wak99].
LDA* [YZSC17]. leadfoot [HHVP15]. Leaking [vSMK20]. lean
[SV15, Ven06]. Learn [BWH19]. Learn-as-you-go [BWH19]. Learning
[BRX13, Che21, DS18, GPM21, HPS22, KKE19, MSC21, AD18a, GH20,
GTK17, KRG12, NKK21, RGAT18, RT18, WBW19, WZZ20].
Learning-based [DS18]. legacy [LU04]. Legally [Sam22]. LegoSim
[RMB02]. Length [GR20]. Lern [CK06q, CK06t, CK06r, CK06s]. Lern-
CK06q, CK06t, CK06r, CK06s]. Lernprogramme
[CK06q, CK06m, CK06r, CK06n]. Lernprogrammen
[CK06k, CK06m, CK06l, CK06n, CK06o]. Lessons
[RM03, LJJ20, Rob06, URJ18, HMS04]. Leuven [ACM04a]. Level
[ASMA21, AC16, cCWS14, Chen06, DMS02, GCL21, KHW16, MMdE19,
NTR18, RB01, SV13, ZSR05, QZCZ16, AD18a, AL05, BSM12, BSD19,
BOK20, But04, Cia07, EGD03, FLCB10, IM75, JHE14, LZW17, ML78,
SVN10, SWSCM12, SS90, WHSE15, WF07, WCG14, ZLZ13]. levels
[CCMY07]. Leveraging [LLF18, LDL18, Pto13, RTL18, WHD09, ZL13, AJD09,
RAT17, ZBG05]. Libraries
[DK93, Int05b, DSS19, Won97].

m [USE01c, Abr82, KAH83, AS85a, AS85b]. M-series [KAH83]. MA [USE06]. MAC [SJY+05]. MAC-Based [SJY+05]. Mach [USE91, MRGB91]. Machine [AGJS16, AS85a, ABCG66, AAF21, AAR22, ABY12, Ano00, Ano01a, Ano02, Ano04a, Ano04b, fltNW14, AE01, April09, Arc07, AAK18, AGIS94, BTAB22, BWP85, BFHW75, Bai70, Bak83, Bal91, BDF+99, BH73, BN75, BWD+15, BFM+21, BJJ+16, BGG73a, BCG73b, BG74, CTS+93, CW03, CFH+79, CFH+80, Car13, CF00, CGC16, CRZh15, Cox09, CWP+15, CHPY17, CYX+17, Dalxx, Dal97, DHPW01, Dan86, DCM22, DF96, DGLZ+11, Dom80a, DL19b, DJ77, EG01, FG91, Fie68, Fis01, FPS+02, (Fo71, (Fo78, FL13a, GKS99, Gei02, Gen86, Gol89, Gol71a, GLBJ18, HHV+02, HHW10, Hal79, HT+19, Han73, HH79, HKM+18b, Hir17, Hor73, HKKW13, HPS22, IBM72, IBM73, IBM76b, Ibs84a, JHS12, JJK+11, JMSLM91, JQWG15, JN15, JADAD06a, KC16, KS08a, KEK19, KSS+20, KMK16, KNT02, KF91, Ken80, KDB16, Kim84, KAH83].

Machine [KGZ+04, KLF+15, LCWB+11, LMM18, Lau87, LW73, Law00, LW11, LSC+17, LW98, LTE12, Li14, LVM16, LGJ+18, LTT92, LY97b, LYxxa, LYxxb, LYBB14, LWLL10, LJL+11, LPB17, LFBB94, Loy92, LXM+16, MS14, Mc79, Mad69, MS91a, Man16, Mar73, MZ20, McC74, MS70, MD97, MUX, MDGS98, MKKE12, MA21, I79, NBH08, NBK16, NMG15, Nel04, NAS21, NSJ12, NL19, Ob78, PPTH72, PP73, PAC+22, PXG+17, Pf03, PCC+16, PK75a, Pro00, Qia99, QT06, RNA+22, RG17, RLZ+16, Ren78, RI00, RSN+18, RT93, Ros99, RG05, Ibs84b, SL14, San88, Sch94b, Sch94, SSB03, SMA18, SCP93, SSCG90, SHZ+14, SB73, SHB+03, SVL01, Sun95b, Sun95a, SUN97, JCV99, TT96, TMV12, TY14, USE01c, USE01d, USE02, VTV16, Ven97a, VL00, WL96, WIDP12, Wak99, WH99, WDL+20, WB81, WWL+17a, Wel94].

Machine [WC10, WHD+09, WP97, WLC17, XWJ15, XL16, XWXX19, WXY+17, YP15, ZDK+22, ZLW+14, ZRS+16, ZL16, ZCG+17, ZL18b, ZLZ+19b, ZLC+21, ZZF06, ZWZ+18, ZHL16, ZJXL11, ZTM17, Zyzt94a, Zyzt94b, dSDF16, AD18a, Abr82, AS85b, AD19, AGS10, AGH+15b, AGH+15a, ATZP21, AAB+00, AC95, Ame13, Ano94, Ano96, Ano99a, AO16, AFT01, ABC+07, Arm98, AWR05, Arv02, AP18, ANH00, AMA+11, BB20, BDF+03, BRTK+17, Bgl12, BFC94, BJ20, BCM90, BRS+22, Bir94, Bhn02, BADM06, BFC02, BY20, Bri98, CARB10, CLI14, CD14, Car14, CEG07, Cav93, CFVP12, CS76, CHCC07, CCL+20, CBLFD12, CK06a, CK06e, Clo85, Co99, CGV10, dCCDFdO15, CWG00, CD01, DH01, DSC+08, DP11, DM93, DBC+00, DLH+20, Dom87, DHD20, DJ76, DXM+17, EYG21, EGKP02, EG03, FLL+13, FS19, FM90, FA21].

machine
[FSFP19, FMIF18, Fit14, FF96, FLM+08, FCG+06, Fre05, GQG+13, GTGB14, GH20, GSKJ18, Gol74, GACARP+01, GPW03, GR80, GBCW00, GA18, HZL+18, HI10, HKN22, HTB19, HUL06, HK07, HcC14, HPHS04, HLBBZ20, HSC15, Hui18, IMB85, IBM88, Int88, IBM94, IBM96, IRB19, IKU15, JKK+13, JNR12, JC18, JGW+11, JADAD06b, Kal97, K05, KBDK22, KB21, KS13, KS20a, KSO+15, KS18a, KTB17, KK21, gKEY13, KCS14, KJLY15, KCKC16, KMG18, KFF12, KSS+18, Kou11, KCV11, KRG+12, Lam75, LBZ11, Les74, LC02, LM99, LZWD15, LBL16, LWLL16, LYYY18, LLIW18, LFHQ19, LXRS19, LLZ+19, LZLY20, Lia05, LL14, LPZ+18, LWCZ22, LPBB18, Lot91, LG93, LQD+18, MSG+12, MD73, MD74, MSG01, DPBK16, MS17, Man18, MNA16, MS00, McG72, MC93, McM11, MRG18, MN91, MST+05, MW18, MHI19, EYS19, MAK07, MJ93].

Machine

[NZH20, NNK21, NOK+85, NAR19, NIA18, OG16, Oi08, ORPS09, PE11, PFFJ18, PCB+18, Piz17, Pon19, Pul91, RKT20, RHR20, Raj79, RWC21, RZ14, Re03, RK18, RFBL01, RY10, RJK+17, RCTY19, SZKY21, SBI21, SBBP20, SHR19a, SHR19b, Sch13b, SSMGD10, SEM+20, SHLJ13, She91, SCEG08, SASG13, SSEA18, SL10, Sig89, SGGB99, SC73, SMI97, SYMA17, SJL20, SMA+10, SBP+17, SUS+12, Str05, TSLBYF08, TMLL14, TDD20, Tay76, vTR82, TG+18, TI09, TB14, TT93, Tur84, Vag10, Van98, Ven96, Ven97b, Ven97d, Ven99b, VVB13, WGF11, WRX11, WZY+13, WKJ15, WCY+17, Web10, WHW20, WLL+13, WW77, Won97, XHL+13, XCJ+14, XJWW15, XZZ+16, XLWZ18, XZK+20, YME05, YZW+13, YLH14, YLHJ14, YPLZ17, YLCH17, YW20, YBZ+15, YYC+19, YLK+10, Ye99, YSM+21, YC16, YRJ18, YGN+06, YQZ14, YQZ19].

Machine-Based

[TR88, UR15, Ven99a, We02, We99, WWMG06, dV00, Ano97a].

Machines

[Ano75, ASSB18, Att73, AH68, BMS16, BP99, BDJS02, BSSS14, BWH+19, Bee05, BB13, BPS73, BRX13, BG73b, BCG73a, CL17a, CWL12, CCM12, CWS12, CGMD19, CSS+13, CL16a, CCO+05, CH78, CHLY18, CDN02, DSM14, DEK+03, Den01, DK17, DMR10, DKW15, Do11, EGR15, EGJS15, ECJ+16, Err03, EDS+15, Ga75, Gal73, G+01, GTS+15, Gol71b, Gol73b,
Gum83, Han73, HKLM17, HTB22, HB17, Hof20, HS06, HPP15, Ian14, JE12, Jen79, JXL+12, JAS+15, JKJ+10, KCWH14, KJL11, KP15, KPHA20, KAH83, Kov19, LM18, LZZ+15, LYYY17, LD05, LHAP06, LW12, LXL+15, LZ18, Mac79, Mal73, Man15a, MD12, MGL+17, MM94, Par71, Par72, PBG11a, PS16, Ran20, Rev11, Ros04, SD01, SCSL12, SV13, SN05a, SN05b, Sta97, SKI+17, Sup04, TTH+19, TV12, UT87, Vog03, WLW+15, WGLL13, WZL15, WLLZ16, Win71, XSC13, Machines [XLL+14, XLL+20, ZRD+15, vLSM01, Agr99, ABB19a, AAL+03, ADA+19, AGH+16, A1S+16, AMAB17, AS14, BAC15, B11, Bag76, BML+13, BDF98, BHvR05, Bel06, BB12, BB15, BJ22, BPM+22, BBM09, BB06, BB95, CL17b, C1G17, CSSE21, CLL+17, CH08, Cra05, Cra06, CWdO+06, CLL+13, DDS94, DC15, DEG17, DQLW15, DSZ11, DCMW17, EB20, EGD03, EM06, Ert05, EL98, EMS15, FBZS12, Fit14, FHL+96, FGLI15, FX06, Fu10, GI12, GVI13, GJ+19, Gol73a, GKJ+19, GLV+10, HKS19, HM18, HMH17, HZZ+14, Hin97, HDG09, Hol95, IMBB20, JES+15, JWH+15, JDW+14, JJSE13, KDK20, KSSG16, KRCH14, KBB21, KBC21, K16, LMJ+07, LZZ+16, LLF+18, LJL12, LQW+12, LF19, LC13, LTZ+14, LS04, Man15b, Mat09, MK19, MG13, MRG17, MMTM22, hTMAC+08, MPM+20, NK10, NOR15, PKS+19, PFH+16, PSBG11b, PM05, PM20, PHYB+08]. machines [PRS16, PV08, uRQS20, RK16, RH17, RHR02, RG19, RT18, SJB14, SS13, SENS16, SNV10, Sch09, SSN12, SJJ+12, SJW+13, SLC20, SS22, SSL+13, SPA18, Ste14, Str13, SK13c, SLA+16, SHTE11, Syr07, TZZ+17, TGCFO8, TMMVL12, TDG+06, TLeC13, VT14, VED07, VWT13, WQG15, WXL+17, WDT18, WCS06, WSVY09, WRSvd11, WRS+15, WCG21, XNH21, XHCL15, XWX+17, XTB17, XA22, YCF98b, YFW09, YLJ22, YWH13, ZBG+05, ZWHC17, ZWL09, ZSRR22, ADM98, BHDS09, CT03, Cla97, MLG+02, PEC+14, SM01, UBF+98, VED06, YCF98a, ZSO1]. macro [Wel02]. macro-architecture [Wel02]. Made [Ste05]. Mail [Joo06]. Main [AW17, AMH+16]. mainframe [GBO87]. Mainstream [UH06, BBH08]. maintaining [HBP06]. maintenance [LS04]. Major [Cap21]. Make [THB06, BC10, DMH18]. makes [Wal10]. Making [HKW13, Voe86, XLL+14, CFRSSR19, FA21, SJJ+12]. Malicious [SMA18, Kip21]. Malware [CLS07, CD12, GG11, AD18a, CVWL13, CWdO+06, PDM20, YJZY12]. MAN [TDG+06, YYP01]. MAN/WAN [TDG+06]. manage [Car14, Fit14]. Manageability [Gua14, MW05]. managed [CBG12, CFG+13, GK05, RJK16]. Management [AW17, CTP+17, DMR10, HTW+19, HC17, HTB22, KGGS17, KGGS18, KR18, KL14, Lar09, LXL+15, LCMV17, LCF12, LXM+16, MBWW86, MGDS98, PLMA18, PYYG21, RC18, SMES01, SC17, SDD+16, SKT+19, TB17, WIS+15, WLW+15, WGLL13, ZCL+21, AKH+15, ATS16, ARMMA18, BAC15, Beg12, BBMA91, BHDS09, BN89, CH08, Cla05, EBJ17, Fit14, Fu10, GTGB14, GLK+12, GAHL00, HKJ19, HB13, IMK+13, IPRS21, KCKC15,
CWC+14, CLcC13, CH08, CMM+06a, CMM+06b, CMM+06c, GPS+18, GMK17, GVI13, GNDB16, GLV+10, HKN22, HB13, HHPV15, HUWH14, JSK+13, JDW+14, KB17, LLWW18, LFHQ19, LJYZ15, LF19, LLS+08, MS00, PNM+20, PPO14, R016, RJ16, SEPV19, VED07, WWS89, WZW+11, WWWL13, WK08, ZP14, ZWX17, ZHCB15, ZWL09, ZL13, TF16].


merging [TLX17]. mesh [SJRS+13, ZGW+06]. Message [GGM+16, DM93, TO91, UR15, XH90]. message-passing [TO91, UR15, XH90]. meta [BT15, SBN18, TSN19].


metaheuristic [ATZP21, EYGS19, XA22]. metaheuristic-based [XA22].

metaheuristics [ARMA18, SEM+20]. meta [AGH+16, GAH+12, OSK15].

Method [AAMBE21, AC16, BP99, BA19, DEK+03, HT98, LZZ+15, Mar73, QLL+21, RSNK17, SXH+19, TTH+19, ZAI+16, ATZP21, BJ22, CSSE21, DXM+17, JKK+13, JXZ+10, LYY+17, LYY+18, LXXS19, LYY+20, MHM19, MA19, NS17, SEM+19, Ven97c, ZK+20, XA22, YLHJ14, ZSR+22].

Method-Level [AC16]. methodology [FS89]. Methods [BDG18, HSN17b, KKS+19, Pfo13, Qia99, UT87, WH99, AAC17, BMWB86, MG19, XH90].


Micon [BGS89]. Micro [ZD18]. Micro-Computing [ZD18].

Microarchitectural [MSI18, CJJ+22, EGD03, SK13b]. microcomputer [UBL+82]. microcomputers [GBO87]. Microgrids [GPM21].

microkernel [GMR+93, Sto07, Uhl07]. microkernel-based [Sto07]. Microkernels [FHL+96, HUL06]. Micromachines [Sch73].

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

microprogramming [ML78, SP83, Tho73]. microservice [BCS18, WGW+18]. microservice-based [BNS18]. Microservices [Kol19].

Microsoft [Lar09, Zim05, Ano99a, B+07, Car13, CBER09, Gal09b, Joo09, Kal97, KVV09, KS09, KS10, Lar09, MR06, Nou92, Ste05, Won97].

Middle [ZYH+19]. Middleboxes [KS+17, YDW18]. Middleware [ACM05b, HOKO14]. Migrate [YBZ+15, C1L+13, KB21]. Migrating [EJ12].

Migration [AGC18, ABV12, BWH+19, BFG+14, BWD+15, CYX+17, DK17, EMAL17, GWZ16, HTB22, HPS22, KC16, KGS16, KKL16, LSC+17, LZZ+15, LJJ+11, LH15, LZZ+20, MZD+18, NB16, PS19b, RSNK17, RSN+18, RJS+18, SL14, SHW+15, TMV12, XWJX15, XLL+14, XD16, XD17, XLLX19, YWW+14, YWW+15, ZRS+16, ZCG+17, ZDLG17, ZLZ21a, vLMS01, AGH+15b, AGH+15a, AS14, BAC15, BB08, CLcC13, DS20, EYGI21, FMIF18, FGLI15, GJX+20, HLI+10, HKN22, HTB19, HH19, HDG09, JKK+13, JGW+11, JDW+14, JGSE13, KN18, KLY+20, KSS+20, KTB17, KLY+15, LZW+15, LZZ+16, LFHQ19, LZZ+19, DPBK16, MG13, NAR19, 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; XA22; YW20; YBZ+15; ZLZ15; ZHIC17; ZFY18; ZLZ+19b; ZLZ+19a; ZNS14; ZLLL13.

LZW+17, PLZ20, RHV17, WLLZ16, ZL16, ZL18b, ZXY+15, ACT94, CL14,
EYG21, JXZ+10, JADAD06b, LMDP19, WSX+19, YCL+19, YW20.

Monitors [JHS12, KS06a, KF91, RG05, WC50G05, BDF+03, FLM+08,
HUL06, HPHS04, YME05]. Monona [ZL18a]. Monterey
[ACM05a, AN01b, USE91, USE01c]. mori [CPST15]. Mortar [HUWH14].
most [CK06b]. motion [Lia05]. Motorola [Ano03a, MMM84]. move
[BSG13]. Moving [Cre10b, Cre10a]. MPsOC [BHI15]. MPSoCs [OVI+12].

MS [Tho08]. MU5 [MDFS72]. Multi [AVNR19, ABV12, AP18, BB17,
CLG+10, DY17, DLs+01, Fie68, GSS+18, GLBJ18, HMIH17, HC17, HCB18,
HPcC04, KR18, LZLY20, LL14, LCZ+19, MMdE19, MD12, MP16, MM94,
PXG+17, PNT12, RTL+18, SL14, SCL+19, TTH+19, Tsr19, TK20,
WLL+13, XCSM18, XZL+20, ZL18a, ZRY15, AD18a, AL05, ATS16, BB20,
Bor07, BY20, DGB+17, DH20, FGG14, GGG+13, GKp+19, GH20,
HZL+18, JH14, KIM14, LC14, LLZY18, LLZ+19, MP+20, RK18, RPE12,
STMV18, SE12, SWH+13, SS19, SIK+16, SWW+18, WDCL08, XZ11,
XJW+18, YTS14, ZMD+21, ZNSL14, ZLL+16, JD+16, NMS+14].

Multi-Access [Fie68, HCB18]. Multi-Agent [PXG+17, ABV12, DH20].
multi-attribute [SS19]. Multi- Capacity [BB17, HMH17]. Multi-Cloud
[AVNR19, DEG+17]. multi-connection [XJW+18]. Multi-Context
[KL18+19]. Multi-Core [KR18, RTL+18, PSR12, SWH+13, YTS14]. multi-course [AL05].
multi-criteria [ATS16]. Multi-dimensional [HPcC04, ZMD+21].
Multi-Dispatch [DLS+01]. Multi-domain [TK20]. Multi-GPU
[NMS+14]. Multi-granularity [LLS14]. Multi-Language [GSS+18, MD12].
Multi-Level [MMdE19, AD18a, JHE14]. Multi-Objective
[GLBJ18, AP18, LZLY20, SL14, SCL+19, Tsr19, BB20, BY20, GGG+13,
GKP+19, GH20, HZL+18, MP+20, RK18, STMV18, ZLL+16].

multi-platform [XZ11]. Multi-processor [WLL+13]. Multi-Provider
[MP16]. multi-resource [LLZY18, LLZ+19]. multi-server [LC14, RPE12].
multi-source [SIK+16]. Multi-stage [CLG+10]. multi-start [KMT14].
Multi-tasking [JD+06]. Multi-Tenancy [DY17]. Multi-Tenant
[LCZ+19, ZRZY15, SWW+18, YKS16]. Multi-threaded
[HC17, FGG14, SE12]. Multi-Thresholds [XCSM18]. Multi-Tier
[KL15, XZL+20, WDCL08, ZNSL14]. multi-user [Bor07]. MultiCache
[NsP16]. multicast [AAC+17]. multicomponent [BR18]. Multicore
[FRD+08, HHW10, IAN14, MAn6, ZD18, CP17b, KNHH18, SE12, SSMDG10,
SJ+12, Sub08, WCC+16a, WSC09, WJGA12, YQZ14]. Multicore-Aware
[Man16]. multicriteria [CFRSSR19]. multidimensional [dCJ16].
multigrid [AG1594]. multithread [Bar06]. MultiLanes [KH+16].
Multilayer [VLZL16]. Multilayered [NsP16]. Multilevel [DD20].
Multimedia [Ano99b, CAF+91, FLZ17, ZKWH17, BTLNBF+15].
Multitpath [CFLL19]. Multiple [HTB22, BG20, CSV15, COM00, GMRI93,
IKU15, OKAM17, SS22, SLA+16, TMMVL12, TtLeC13]. multiplicity
[SM19]. multiplier [SS22]. multiprocessing [BDO+18, TLD+89].
Multiprocessor [AGLM91, Dun86, NL19, KKJL14, WXZ+17, Bro89].
Multiprocessors [Bad87, Cro93, SLM89, TO91, WWS89, WWT89, AGIS94].
multiprogramming [Abr82]. multigetarget [Bar06]. Multitasking
[CD01, IBM96, TLD+89], multitasking/multiprocessing [TLD+89],
multitenant [LZW+15]. Multithreading [LRZ16, ABB+15, PV06].
musical [BB08], mutual [SGS92]. MVM [GMR93]. MVP [Lot91].
MySQL [Wun13].

Nam [Fro13]. Named [War11, XWXJ15]. Nancy [Jou85]. Naplus
[ZWKK17]. Narrow [YSS+17], Narrowing [DGLZ+11]. Nash [uRQS20].
Nassau [Ano99b]. Nation [HS19]. Nation-Wide [HS19]. National
[Ano93, SVN+10]. Native [AC98, UT87, EL98, RPE12, STS+13]. NATUG
[ASPP22, LIFS17, UT87, LKY+17, RPE12, TDG+18]. Near-memory
[ASPP22]. Near-Native [UT87]. Near-Precise [LIFS17]. near-threshold
TDG+18]. Neat [BB15]. need [BGS13, GLK+12, WCS09]. needs
[BKT+19, STFH15]. Negotiation [ABV12]. Nested
[HBL+10, GHS16, KS20b, RQD+17]. nested-virtualization [RQD+17]. Net
[MBK+92, Tur92]. NetAdvantage [Ano03b]. NetCLR [Joo06]. nets
[NMC18a, NMC18b]. Netstumbler [Joo06]. NetWare [WF03]. Network
[ACM98, RM03, AFG+17, AP22, AVNR19, ASL+20, Ano10, AO16, ACA16,
BYZZ20, BLMP22, BRdM10, BL17, BHEP14, CFM17, CBJ22, CPS17,
CFL19, Che21, CKT08, Cre10b, CTP+17, DW14, EMAL17, ELC+19,
EVCL21, EMW16, Fis01, FML+22, FLZ17, GHM+18, HTAY21, HLPY16,
HSL17, HB12, HJG18, IKU15, JW17, KKE19, KKT17, Ken80, KLR+20,
KAZS14, KLLT18, LXL+22, LLW+16, LHW+20, LCZ+19, LDRS18, LCF12,
MLXG19, MDZ+21, MAK18, MP16, MCZ06, Msn97, MR06, Nau92, PHL+12,
Pap20, PHX19, PRC89, PST+15a, PHC20, Rix08, RS20, RKRL17, SADP21,
SKT+19, SSOT17, UVL+13, VW18, WB81, XWH+16, XWW+21, XDE16,
XD17, YJZ+21, YWH+21, ZWF17, ZHHC17, ZSP+21, ZLL2a, ZWH+17,
ZWH17, Aln22, ACM06c, AM16, AMIA19, ALW15, BG20, BCC+15,
BCM90, BL90, BH13, BBS06, CBZ+16, CB10, CRB12, Cre10a, DS19, DS18].

network [DYL+12, FCD09, FLL+13, FZS+20, FJJK17, FKL3, FSH+13,
GLQ+13, GLLJ16, HH12, HH18, HS13, HBP06, IM93, JAC+19, JK15,
KBDK22, KSO+15, KK21, KKK+18, KWZ+19, LYYY17, LLZ+19, LRP+19,
LMDP19, LQD+18, DPBK16, MK22, MSZ09, MHS21, NTH+17, OKAM17,
OK0, PJZ+19, PFNC20, PST15b, PBL+16, RK16, RWC21, SHB19, SZL+14,
TSR19, TK20, TSCB19, Tur84, UBL+82, VOS12, WWS89, WHC16,
WCC16c, WBW+19, WZZ+20, WC91, WYZAD20, XWH+19, YCL+19,
YLT20, YXL+20, ZLZ+19a, JZRW19, ZGL+17, BCZ19, CEPR22, HTAY21,
MCJ19, TF16, YWL+18]. Network-Aware
[CTP+17, AO16, IKU15, ZHHC17, KK21, LQD+18]. network-based
[LYYY17]. Network-hosted [CKT08]. Network-I [RM03]. Network-I/O
[RM03]. networked [CT03, HK22, NBS18, SBN18, SGGB99, SGGB00].
Networking
[ACM04b, CPKL17, IEE06b, LKA83, LMK11, OPA20, SS05, SB18, XWJX15, ZKWH17, BTMS10, Bor07, BH13, GD08, Ker15, MCJ19, M+06, Zho10]

Networks
[BSI+15, CGC16, CFLL19, EVCL21, FHY21, FML+22, Hal79, HHK94, JN15, KKLV16, LLW+16, LXX+21, LCMV17, MP16, MBWW86, MSC+21, NGRF19, QL+21, SFJ+11, TVO92, VVC+17, XZL+20, ZDS+22, ALW15, AI+91, AAC+17, CL15, CM18, DS19, FZS+20, GCARP+01, GLQ+13, GHM+18, HHSG18, KCV11, LC02, LZW+16, MG19, Mon22, MAK07, NRS92, OMB+15, RS16, THH+14, TK20, TO91, WZV+13, WT91, XWW+21, XYYY17, XJW+18, YKS16, YPLZ17, YLTF20, YMY17, AAJD+16]

BHEP14, CWH+16, CDD13, CRZHI5, 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, TrLeC13, VW08, WR12, WTL+16, XNH21, YJJ+21, ZWFX17, ZSR+05.

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

OAMulator [MS01]. OASIS [UBL+82]. OB [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 [BBD+91, USE99, USE01b, PTHH14, PMC05, San88, BPB86, GSN93, IT86, WML02]. Objective [GLBJ18, LPB17, AP18, BB20, BY20, GKP+19, GH20, HZL+18, LZLY20, MPM+20, RK18, STMV18, SL14, SCL+19, TSR19, ZLL+16]. Objectives [AP22, ML78]. Objects [Qia99, ABB+19b, SK13a].

Observation [NBH08, SCFP00]. observation-based [SCFP00].

Observations [LHW+20]. occupied [SZ13]. OCTET [BKC+13]. October [ACM03b, Ano99b, Ano06a, Boa90, IEE03, Tho93, USE00a, Vra05]. off [CGV10]. off-board [CGV10]. Offensive [BDJdS02]. Offers [Ano03a, Got07]. Onto [AO16, Bak83, BS90, PS16]. Open [AFG+17, AP22, SJV+05, ARA20b, ARA20a, AGH+15a, AAB+05a, FP14, TSP17].

Open-Source [SJF+05, AAB+05a]. OpenCL [KJJ+16, SXMX+18, TY14, YWTC15]. OpenCL-based [SXMX+18].

OpenFlow [YKS16]. OpenISA [AMB+17]. OpenJDK [BFS+18].

OpenNebula [KMT14]. OpenOffice [Joo06]. OpenQRM [Kar07].

OpenStack [AMIA19, BB15, BLMP22, HKJ19, YW20]. OpenUSE [CK06g, CK06f, CK06o, CK06p, CK06p]. Operand [MSI18]. Operating [ACM75, ACM03b, BPP+17, BH73, BYBYT16, CD12, Das91, HXZ+16, IEE01, J+05, Mar73, MNN05, MKKE12, MM94, RT93, SLM89, THB06, Vra05, ACT94, CCZ+06, CGL+08a, CGL+08b, CGL+08c, CK06a, CK06b, CK06e, CKP78, Com00, CLDA07, Dav04, Don87, Fli77, HKD+13, KSLA08, Kou11, KS20b, MW18, MDFS72, NV05, Ros06, SPF+07, SS72, TT93, Vac06, Van06, WR07, WWT89, WHSE15, YK13, YLJ22, Mat10]. Operation [ZR06]. Operational [Dan12, LCMV17, Sil04, BG20, NMC18b, NMC18a].
Operations [OLZ16, MPF+06], operator [GHM+18], Opportunistic [GJK+20, KMK16, OMB+15], Opportunities [JAC+19, CBFH20], Optimal [BP99, BB12, DS19, DEG+17, HM18, HJG18, LYL21, XYY17, ZB18, GSKJ18, KB21, WHC16], optimale [Sch13a], Optimisation [SCL+19, YWGH13, GKP+19, PTD+18], optimise [DHG20], Optimised [HKM+18a], Optimises [War80], Optimistic [Pon19, WGF11].

Optimization

[AGC18, CPS17, CWH+16, DKW15, GLBJ18, HO22, KC16, LW11, LKIL19, LGZ+19, Man15a, MJW+14, NIA18, PAC+22, RR19, SM06, SS22, SHZ+14, SKT+19, VG20, WDL+20, WK90, YKM17, YWF09, BRS+22, EB20, GCARC+01, HLW+13, JK13, KSS+20, KS13, KS18a, KK21, LLWW18, LZLY20, MS17, dOL12, WG+18, WGY20, YXL+20, ZLL+16, ZLY18].

Optimization-Based [SHZ+14], Optimizations

[HB12, JZY+22, NBK16, RLZ+16, CPST15, NG13, PGL12], Optimize [OLZ16, LDL+08, RAT17], Optimized [CGC16, MZD+18, DS20, HZL+18, KCV11, LWL16, RGS+20, TMMV12].

Optimizing [CEG07, dCCDfD015, EG03, GKT17, HHC+16, JGW+11, KRS+17, LQW+12, LL14, LXM+16, MC206, SMK02, SV15, WWL+17b, ZLL13, ZIXL11, FMIF18, HSC15, NNN21, ZLBF14, ZGL+17, FLL+13].

Options [HDM08], Oracle [VSC+10], orbit [SSN94], orchestrating [BR508], Orchestration [ZB20, BSNB20], Order [BW03, BFC02].

Ordering [HMH17, HTAY21], ORE [OMB+15], Oregon [IEE93b, USE85].

O'Reilly [Ano97a], Organization

[BPC94, Kam83, RSAG15, Jno07, Skr01, Tho73], Organizational [PXG+17, GAHL00], organizer [MS00, SMES01], organizing [OK90].

Orient [IT66], Oriented [BBB+91, BWD+15, BS90, CAF+91, DY17, EC1718, HW12, LV16, LYGG20, MP16, PYY21, RSGG15, SY12, USE99, USE01b, ZL18a, Beg12, BPB86, Fro13, GSN93, IIR+06, IT86, PTH14, PMC05, PPO14, San88, WML02], Origin [Com82, Den01].

Original [BDR+12], Orthogonal [PNM+20], Orthogonally [LMG01, LMG00], OS-Level [c-CWS14, KHW+16, SWCM12], OS/2 [Bri98], OS/390 [DBC+00], OS/6 [SS72], OSCAR [VS06], OSS [Ble19].

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

Out-of-Band [ZXZ07, PBYH08], Out-of-order [BFC02].

Out-of-Process [RB01], out-of-the-box [XHCL15], Out-of-VM [ZFL15].

Outage [Che21], Outline [Kee77], Output [ACL72], Outsourced [YD18, CMP+13, QZDJ16], outsourcing [SAS13], Over-Provisioning [SC18], overbooked [LPBB18], Overcoming [APST05].

Overcommitment [GKBB15], Overcommitted [CWS12, WCS06, ZHHC17], overload [BB12, BJ22, LPD+11, LBL16, ZHCB15, ZLZ+19a], overheads [MST+05].

Overlapped [LM+20], overload [LYY18], Overloaded [BB13].

Overshadow [CGL+08a, CGL+08b, CGL+08c], Overview [Lau87, MLG+02, ALW15, BB08, MNA16]. oVirt [Ano14d], OVM [BFC02].
P [Dom80b, SSU+12, Syr07]. **P-Code** [Dom80b]. **P.R.O.S.E** [Van06]. **P2P** [Sta07]. p5 [A+04, B+05, G+05]. **PA** [ACM04b, ACM96, IEE04]. **PaaS** [ECET18, ZLHD15]. **Pacific**a [Str05]. **Package** [PBr+90]. Packages [JMSLM92, LTT92]. **Packet** [VLZL16, LRP+19, Ste14]. **Packeteer** [Ano03a]. **Packing** [BB17, GR15, RG17, SXCL14, XDL15, LLZ+19, SZ13]. **PACO** [PAC+22]. **PACT’06** [ACM06b]. Page [AW17, CWL+15, CHLY18, KYP+17, LIH16, LLZ+19, LZW+17, LZW+19, MZD+18, MT16, MT17, WLW+15, AJH12, BSSM08, CWC+14, WTLS+09]. **Page-Aware** [CW+15, CHLY18]. **Page-level** [LZW+17]. **Page-sharing-based** [LLZ+19]. **Pages** [GKBB15, Ano97a, JDW+14]. **Paging** [BGM70, GHS17, HBL+10, GHS16, TKG89]. **Pagoda** [YSS+17]. **Pallor** [RHV17]. **Palm** [MS00, SMES01]. **Palo** [ACM01b]. **Pandemic** [Cap21]. **Panel** [G+91, UBF+98, BDF+98]. **Papers** [DC15, KM13b, ACM90, G+88]. **PAPMSC** [SDD+16]. **para** [LC13]. **para-virtualized** [LC13]. **paradigm** [BD11]. **PARALISP** [CRZ83]. **Parallax** [hTMAC+08]. **Parallel** [ACM06b, Arm78, BP99, BS90, EGR15, Fis01, HD16, HHK94, IEE93a, IM93, JFPL16, JN15, KNT02, Loy92, LCFL12, MM92, MM93, MRG17, MM94, NOT+17, PAC+22, PY93, SSN94, TV902, WCC16b, Wat86, Wat87, Wel94, YP15, ZRZ15, ZWZ20, AS14, AGIS94, BPC94, Bri94, BL90, BFC02, BB95, CARB10, Cav93, CDN+10, dCCDF015, CRG16, CKP+93, DFK94, DDS+94, DM93, EF94, FM90, GSN93, HTAY21, Hol95, JGA+88, KJLY15, KSS+18, Kra90, Les74, LG93, McK11, MRG18, MN91, NG13, Pou90, RH17, RSW91, She91, SL00, Taf11, WK08, YC98b, YCC+19, Ble89, JPT94, YC98a]. **Parallelism** [BYZZ20, HC18, YTS14]. **Parallelization** [LYL21, vKF13]. **Parallelizing** [SSL+13]. **Parallels** [Tho08]. **parameter** [Kha19]. **parametric** [PUL016, UTO13]. **Paranoid** [Bau05, Bau06b, Bau06a]. **ParaSail** [Taf91]. **Paravirtual** [KMN+16]. **Paravirtualization** [AD11, SBQZ14]. **ParCo93** [JPTE94]. **PARD** [MSS+15]. **ParDMCom** [M+06]. **Pareto** [DS20, EB20]. **PAROS** [MM94]. **PARS** [CW+15]. **Parser** [UOKT84]. **parsing** [Kha19]. **Part** [Cre09, HO92, RGSJ17, Sch94b, Sch94a, Cre08a, SS72, Zyt94a, Zyt94b]. **Part-of-Memory** [RGSJ17]. **Partial** [BWD+15, FTNY69, KLY20, LYL21, ZLL+20, WGF11, WWH+17]. **partially** [Dan12]. **Partition** [Int06c, LLS+08]. **Partition-based** [LLS+08]. **partitioned** [Van06]. **Partitioning** [Bad87, Ian14]. **Partitions** [Int06b, SRS+13]. **Party** [CRZ15]. **Pascal** [Har77, GBO87, SP93]. **Pass** [PYDG22, XDY+18, PDC+12, YLL14]. **Pass-Through** [PYDG22, XDY+18, PDC+12, YLL14, MLA83]. **passé** [BC10]. **Passing** [Fra98, GGM+16, DM93, TO91, UR15, XH90]. **Passthrough** [XD16, XD17]. **Password** [CD12]. **Past** [Sup04, Var91, BJG19, BS96, JKDC05]. **PASTE’01** [ACM01a]. **patches** [Ano07]. **patching** [PM19a]. **Path** [GR20, AM16]. **PATHWORKS** [Not92]. **Pattern** [CFM17, HPP15, YDW18, ZDL17, OK90]. **Pattern-Aware**
Patterns [CL17a, ESY+17, Ahn22, PMC05]. Paving [FLZ+20].

Paxos [HMS17]. PBS [ZLL+20]. PC [ACM04a, GBO87, Mon97, Voe86].

PCI [YLWH14]. PCs [Ros99]. PCVM.ARIMA [CSSE21]. PDB [HHH04].

PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].

PDP-10 [Gal73]. PDP-11 [GBO87, Ham76, PK75a, SP83]. PDP-11/40 [GBO87]. PDP-11/60 [SP83]. PDP-8 [She02]. PDS [AAB+05b].

PDB [HHH04]. PDCE [M+06]. PDP-11 [GBO87, Ham76, PK75a, SP83]. PDP-11/40 [GBO87]. PDP-11/60 [SP83]. PDP-8 [She02]. PDS [AAB+05b].

PCs [Ros99]. PCVM.ARIMA [CSSE21]. PDB [HHH04]. PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].

Paving [FLZ+20]. Paxos [HMS17]. PBS [ZLL+20]. PC [ACM04a, GBO87, Mon97, Voe86].

PCVM.ARIMA [CSSE21]. PDB [HHH04]. PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].

Paying [FLZ+20]. Paxos [HMS17]. PBS [ZLL+20]. PC [ACM04a, GBO87, Mon97, Voe86].

PCVM.ARIMA [CSSE21]. PDB [HHH04]. PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].

Paying [FLZ+20]. Paxos [HMS17]. PBS [ZLL+20]. PC [ACM04a, GBO87, Mon97, Voe86].

PCVM.ARIMA [CSSE21]. PDB [HHH04]. PDCE [M+06]. PDP [Gal73, GBO87, Ham76, PK75a, SP83, She02].
FLL+13, HH18, HH19, IMK+13, JKK+13, JNR12, KK21, NS07, RHZ+17, RCTY19, TDG+18, TUM18, THC+14, WRS13, WSL+13, YZL14, YLHJ14, YLCH17, YW20, A+04, B+05, G+05, MBBS13. **Power-Aware** [SDD+16, ZWL+18, KBB11, JNN12, RHZ+17], **power-capping** [JNN+13]. **Power-efficient** [AAM+16, LLL17, SSN12, KK21]. **POWER5** [AAB+05c]. **PowerPC** [But94]. **ppXen** [ASB18]. **Practical** [BJH+16, DLX+17, HN10, Kna93, WSL+15, WBHN18, WWH+17, FIF+15, PJJ+19, SNV10, TC10, WM13]. **Practice** [Bec09, Cre08b, Lar09, SHB+03]. **Practices** [MO98]. **Praxis** [Bec09]. **Praxisbuch** [Lar09]. **Praxisfuhrer** [Bor01]. **Pre** [LUL+05]. **Pre-virtualization** [LUL+05]. **Precedence** [EGR15]. **Precedence-Constrained** [EGR15]. **Precise** [LJFS17, BHSB14, CCW+20, TLX17]. **Precision** [EVCL21, HM20, LWC+17, ZDLG17, ADA+19, BKT+19, CEG07, Raj79, SSN94]. **Prediction** [EGR15]. **Predictable** [KR18, LTE12, DLX+17, HN10, Kna93, WSL+15, WBHN18, WWH+17, FIF+15, PJJ+19, SNV10, TC10, WM13]. **Predicting** [WQG15]. **Predictions** [BFM+21]. **predictive** [CSSE21, XCJ+14]. **Predicator** [BSMF08]. **Preemptable** [OL13]. **Preempted** [OLZ+16]. **preempting** [SJB+14]. **preemption** [YQZ14]. **Preemptive** [PG17, PG18, YXL+20]. **Preferences** [AAAF21]. **Preferred** [Par72]. **prefetch** [KW13]. **Prefetching** [RZPX19]. **Preliminary** [HW93]. **prep** [IIPB09]. **PreScheme** [Ram93]. **Presence** [KR18, LTE12, DLX+17, HN10, Kna93, WSL+15, WBHN18, WWH+17, FIF+15, PJJ+19, SNV10, TC10, WM13]. **presented** [WQG15]. **Prediction** [EVL+21, HM20, LWC+17, ZDLG17, ADA+19, BKT+19, CEG07, CCW+20, EY21, EG03, HLBZ20, KJM+07, KCV11, PTD+18, RGAT18, Raj79, SSN94]. **Prediction-based** [HM20, EY21]. **Predictors** [BSMF08]. **Preemptable** [OL13]. **Preempted** [OLZ+16]. **Preventing** [DL19b, Kip21, WLCS17, PRB+07]. **prevention** [MA17]. **previous** [STFH15]. **price** [WHC16]. **pricing** [ADA+19, DEG+17]. **Primary** [PP+16]. **Primitive** [LCWB+11, BMWB+86, Pon90]. **PRIMITIVES** [Ble89]. **Princeton** [FS11]. **principled** [WSAJ13]. **Principles** [ACM75, ACM99, ACM03b, Gol73c, JTH07, SHW+15, Vra05, SS72]. **Prioritized** [FBM+21]. **priority** [OKAM17]. **Privacy** [IEE84a, IEE90a, IEE91, WLL+13]. **Private** [HW12, NIE12, SYMA17, TUM18, WH08, ZLW+19a, Fro13]. **Privileged** [MPF+06]. **Pro** [SRS09, Fra06, Fra09, Wu06]. **Proactive** [MZ+20, WB16, BKT+19, CFRSS19, IRB19]. **Proactively** [GBK+15]. **probabilistic** [PKS+19]. **probability** [LYYY18]. **Problem** [AAR22, BL17, BFG+14, GWZ+16, Man15a, MM92, EYGS19, SL+00, XA22]. **Problems** [GR20]. **Proceedings** [ACM96, ACM97, ACM99, ACM04b, ACM05a, ACM06a, ACM06b, Ano99b, Boa90, IEE96b, LCK+11, USE99, USE00a, USE00b, USE01a, USE01b, ACM00, ACM03b, ACM05a, ACM06b, Ano02, GHH+93, HHK94, IEE85, IEE04, JPTE94, Mat10, MR91, SS05, USE85, USE86, Vra05, ACM75, ACM81,
ACM89, ACM90, ACM01b, RM03, ACM04a, ACM05c, ACM05d, ACM06e, ACM06c, ACM06d, Ano01b, Ano04b, Ano06a, BW03, IEE84b, IEE84a, IEE90a, IEE90b, IEE91, IEE92, IEE93a, IEE93b, IEE05, IEE06b, IEE06a, MS91b, Ost94, So683, Shr89, Tho93, USE91, USE93, USE01c, USE02, USE06, M+06].

Process [AGLM91, BTAB22, Bala91, HPHV17, MZG14, RB01, SC17, Tho93, AC95, LZWD15, EYGS19, PAKY16, PT18, XCJ14].

Process-aware [XCJ14].

Processes [JADAD06a, Kim84, SN05b, FA21, WT91].

Processing [ASPP22, DKW15, GLL21, Loy92, MMdE19, VLZL16, DH01, EF94, GSN93, IM93, KHL17, KKC16, KM03, MMG18, WWT89, Wun13, ZDK19, ZGL17].

Processor-Interconnect [SKJ17].

Processor [ISE08, NSL06, RWX12, SKJ17, BKR20, IIK06, LRC05, VdlFCC97, WDSW01, WLL13, WJGA12].

Processors [DSM14, Gei02, MT16, MT17, MBK92, PNT12, RTL18, KKC16, MN03].

product [IBM88, Int88, SV17].

production [SL00].

Products [Ano03a, Ano03b, Ano05].

Professional [vH08, IIPB09, Ham07, Khu09].

professionellen [Zim05].

Profile [WKJ20, AW05, WKJ17].

Profiler [SH04, VL00].

Profiles [Int05b].

Profiling [LV99, Sun95a, YWW15, DSZ11, NK10, SSB14a, STY14, TZK17, THC14, YZLQ14].

Profiling-Based [YWW15].

Profit [BYBYT16, MLXG19, ZHW17, LWLL16].

Profit-Maximizing [BYBYT16].

Profitability [WUK18].

Program [ACM90, ACM01a, Com65, Cre65, FTNY69, Han05, HB08, MSG01, SZ88, ABDD91, BPB86, Olb78, She02, WGF11].

Programm [Mar08].

Programmability [EMW16].

Programmable [DCG12, DMS02, FS11, Ken80, Kov19, MSS15].

Programmer [PSBG11a, PSBG11b].

programmers [Hee07].

Programming [ACM90, Arm78, DK75, Eng99, Gai75, GMP89, GH91b, LFB04, Luc97, SYB12, Sub08, Sub11, Tho68, To198, ACM99, AS85b, Alf91, BCM90, CPM18, Ham76, Jou85, Kag09, ME87, MRG18, RSW91, SMO84, Tai98, AS85a].

Programming-in-the [DK75].

programming-in-the-small [DK75].

Programs [FS12, Kam83, NMMP15, Wei94, CK06b, CK06c, CRG16, DKF94, EG03, GMR93, IM75, Kee68, Wak99, Wol99].

Progress [ZRD15, ZHCB15].

project [AAB05a, CK97, Lot91, RD90].

projects [AL05].

PROLOG [Clo85, Ode87, War80].

Promenade [CFLL19].

Prometheus [ACG18].

Promoting [ACA16, WLW17].

Proof [FC98, LLZ18, Arv02, FP14, FCG05, ZLH15].

proof-carrying [FCG05].

Propagation [AD11].

Properties [BN75, BSD19].

property [VT14].

Proportionally [CFLL19].

Proposal [EVCL21].

proposed [GH91b].

Prospects [PCB18].

protect [ZBP07].

Protected [BPP17, Co99, GHD12].

Protecting [LMJ07, WTM18, WLL13].

Protection [VMW19, CD12, CDD13, SS75, CGL08a, CGL08b, CGL08c, CBH20, JZJJ13, PK75b, TSLBYF08, WJGA12].

Protectit [KSLA08].

Protocol [GKX13, MN91].

protocols [DM93, RSLAGCLB16].

Prototype [Sim92].

Prototyping [SXMX18].

Provably
provenance [RG19]. **Proverb** [Fer11]. **Provers** [Hir17]. **Provide** [ESY+17, WJ10]. **Provider** [LPSS19, MP16, CFRSSR19]. **providers** [EdPG+10, SG10a, TMMVL12]. **Providerwahl** [Joo06]. **Proving** [BDS+09, HC18, Isl19, KKH14, KGZ+04]. **Provision** [WN17]. **provisioner** [JNR12]. **Provisioning** [BSSS14, BCW20, ELC+19, HJG18, LCT+15, LLZ18, NMG15, NSJ12, SC18, SZW+16, SXCL14, XJJ16, ZLW+14, ZRS+16, CSSS11, CFVP12, FG14, GSKJ18, KBB11, MHS21, PPO14, SJB14, VOS12]. **proxies** [Eug06, STFH15]. **Prune** [BYZZ20]. **PS3** [Sta07]. **pSeries** [Mly09]. **pseudo** [ABDD+91]. **pseudo-random** [ABDD+91]. **PSO** [LW12]. **PSO-Based** [LW12]. **Pthreads** [RMB02]. **Public** [MB20, OG16, SDS+21, WUNK17, WUK+18, FBZS12, PKS+19, ZLV+12, ZBS+15]. **publications** [Mat10]. **Purpose** [GFB+92, ZDS+22]. **Purposes** [BHI15, BSL+18, WDSW01, WO75]. **Putting** [LPSS19]. **PV** [Ano15]. **pyramid** [MJ93].

**Q** [Che21]. **Q-Learning** [Che21]. **QEMU** [WR07, WR08, CK06a, CK06b, CK06c, CK06d, CK06g, CK06f, CK06i, CK06j, CK06k, CK06m, CK06l, CK06n, CK06p, CK06q, CK06r, CK06s, Bar06, MZG14, WR07, WR08, vdK09, CK06a, CK06b, CK06c, CK06d, CK06g, CK06j, CK06k, CK06m, CK06n, CK06p, CK06q, CK06r, CK06s, Deu08]. **QM** [Fli77]. **QM-1** [Fli77]. **QoE** [KS18a]. **QoS** [FAA17b, BAC15, DVM+17, FAA17a, HLPY16, KN18, Kcy22, KP15, LCL14, LWL16, LYGG20, XZL+20]. **QoS-Aware** [XZL+20, KN18, LWL16]. **QoS-Oriented** [LYGG20]. **QoS-Satisfied** [KCY22]. **qualitative** [ALW15]. **Quality** [BB13, MHS21, SV13, VOS12, WJK20, CMG+19, LYY+20, NZH20, TDD20, WKJ17]. **quality-aware** [LYG+20]. **quality-of-service** [NZZ+20]. **quantification** [BKH+06]. **quantify** [TZK17, TDG+18]. **Quantifying** [FFB+00, PJZ+19]. **Quantitative** [YZW+13]. **Quelle** [LC09a]. **Quemul** [CK06a]. **Query** [WK90, KHL17]. **querying** [CRJR17]. **queuing** [Pon19]. **Quick** [NOT+17]. **QuickDedup** [SSG+20]. **QUICKTALK** [BMWB86]. **QUIS** [CRJR17].

[BCG73a, BCG73b, ESY+17, FZS+20, HXZ+16, XH16, MD74].

Reliability-aware [FZS+20]. Reliable [PEC+14, THB06, YYYY+17, Car14, SHR19a, SHR19b, Van06, WQG15, WXW15]. Reliably [TCP+17].

relocation [KJLJ15]. Remaining [XLWX19]. remapping [AS14, LJJ12].

Remote [FLM+08, JKB15, JHS12, KBC21, KMN+16, Bor07, CPM+18, GARC+10, RSC+15, RS16, SIRP17, SWW+18]. Remoting [MGL+17].

removal [WGF11]. Remus [dSO17]. RemusDB [MRC+13].

Renais [FDP05]. Rendezvous [SM92]. renewable [KTB17].

Renewal [WN17]. RenIC [DCP+12]. Reno [ACM89]. rental [FBZS12].

Repair [SEK+19]. repeatability [Vit14]. Replacement [GHD12, WBH18, LHI3, uRQS20]. Replay [BJH+16, JKB15, KM13a, KM13b, RTL+18, SCFP00, CLG+10, WXZ+17].

Replaying [WKGI17]. Replica [GLBJ18]. Replication [CWL+15, LLL+11, DCP+12, KJJ+16, LMV12, dSO17]. replications [CJB22]. reply [DM76]. Report [ANO01a, ANO02, ANO04a, CBLFD12, FDD+19, Int06c, Int06a, PBAM17, Ful91]. repository [AWR05, GKP+19].


Research [AP22, AAB+05a, ANO00, ANO01a, ANO01b, ANO02, ANO04a, ANO04b, Boa90, CLKEF21, Cre65, DMS02, IEE90a, IEE91, Kim84, Ten17, USE01c, USE01d, USE02, ARAD10a, ARAD10a, AGL+15, ADW18, BGG19, Boe15, CBLFD12, Gol74, Her10, SVN+10, Vit14, ZJRW19, HMS17]. ReSeer [WXZ+17]. Reservation [HC18, ZWC+19]. reservations [THG+18].

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


Resource [AJ18, AAMBE21, BKT+19, BMBA91, BL17, ECET18, EVC121, FDF05, GWZ16, GLS15, GA18, HC17, HO22, JZY+22, JSHM15, KY12, LZWC13, LCT+15, LCFL12, MSS91, MBA+12, PFPJ18, RG17, SJBJ14, SC17, SC17, SZW+16, SXL14, Sur01, WIS+15, XSC13, YSS+17, ZQZC16, ZLG+20, ATS16, AS14, BSO+20, Car06, CEPR22, CMP+13, EdPG+10, Fu10, HZ+14, HHJ19, JWH+15, JC18, KF18, LC09b, LYYY18, LLZ+19, LLS+14, MB21, MS101, MY09, NBS18, PKS+19, RGAT18, SBNU18, SGV13, SGV13, TV18, VV13, WIB02, WDC108, WGY20, WB16, WSYS09, YGLY21, ZWC+19, ZB18].

Resource-aware [GAL8, PFPJ18, SGV12].

resource-constrained [TV18]. Resource-Latency [BL17]. Resources [CRZ15, ELC+19, HLPY16, KGS16, PCC+16, SDS+21, ZB20, HMM17, HKJ19, KHL17, LTZ+14, OKAM17, PSZ+07, TJK17, WRSvdM11, WRS+15, ZBP07]. Resourcing [MSS+15]. Resourcing-on-Demand [MSS+15].

Responding [BSM+12]. Response [BE17, WZKP19, MA21].

Responsibility [GKXK13]. ReSQoV [KY12]. Ressource [Mar08].

Satisfaction-Oriented [LVM16]. Satisfied [KCY22]. SAVE [GKJ+19]. saving [YLCH17, YW20, YLJ22]. SC’11 [LCK11]. SC2003 [ACM03a]. SCADA [ADMW18]. 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, XML+18, ZL18a, ZSP+21, DS18, HLV+10, HTAY21, LKR+19, SJJ+12, SPF+07, SG10b, Uhl07]. Scale [CZX+19, HC17, PHL+12, RIP18, RJH+18, SLN98, XDLs15, ZLW+14, ZTA+21, FPGK18, LPZ+11, MSG+12, SZ13, WWT89, WCG21, YZSC17]. scaled [KNHH18]. Scaling [CBJ22, HC17, JWL+18, JDJ+06, LW20, PBL+16, TCP+17, AB16, SBNU18, SSEA18, TSCB19, XLQL18, AMAB17]. Scaling-Aware [HC17, AMAB17]. SCAN [Ble89]. Scenarios [MTFK19, SADP21, KCV11, Sch13a]. Scenes [Cra98]. Schedulability [NL19]. Scheduler [AGC18, ASB18, KCS14, RAP19, SWH+13]. schedules [LC14]. Scheduling [ARAAA19, AD18b, BE17, EB20, EGR15, FML+22, HSN17b, JJ+11, KDB16, LMM18, LG+18, LD05, LWW16, LC13, PG17, PG18, RB17, TTH+19, VS19, WDL+20, WWT89, WCG21, ZWFX17, ZQZ16, ZLW18, ABB+19a, ATZP21, BC10, CCL+20, CCW+20, DEE+16, DQLW15, DM+17, DCMW17, HK19, JG+11, KS18b, KKL+13, KNHH18, KCV11, MMTM22, NAR19, PC21, RWC21, RZ14, RHZ+17, SS13, SHLJ13, SSN12, Sto07, TMLL14, THG+18, VVB13, WQG15, WCC+16a, XJC+14, XLWZ18, XZK+20, YPLZ17, YXL+20, YWGH13, YQZ14, YQZ19, Yu20, ZSR+05, ZB18, MA21]. schema [SI81]. Scheme [AJ18, AMA18, KAZS14, RSN+18, SHZ+14, YWR+14, KK21, KJLY15, LJY+15, XJC+14, YPLZ17, YQZ14, YQZ19, FM90, FDD+19, KR94]. Schemes [Do11, MNA16, YWGH13]. Schloss [IEE01]. School [BGP00]. Science [ACM06d, BR01, DG05, SGV12]. Sciences [Shr89, MS91b]. Scientific [AD18b, Bad87, RB17, CSMB15, dCCDFd15, EB20, MPM+20, WCG21]. Scientists [THLK10]. Screening [LP14]. Scripting [MJW+06]. SD [KK+18]. SDDSfL [CLLS12]. SDN [Pap20, ASL+20, BDF19, HTB19, HTB22, LLY+18, SMD21, SB18, VVC+17, WYZAD20]. SDN&NFV [ABB+19b]. SDN-based [WYZAD20]. SDN-Enabled [HTB22, HTB19]. SDNs [ALW15, BG20]. SDWN [AFG+17]. SE [LYBB14]. Seamless [Hir92, TDG+06, XWJX15, BADM06, DS20]. Search [Cox12, MNS+14, VG20, CWDo+06, KMT14, SB21, Tho68, WXZ+17]. search-based [WXZ+17]. Seattle [ACMO5c, ACM06b, LCK11, Ost94]. Sebastopol [Ano97a]. sEc [SMK02]. SECD [Abr82, AS85a, AS85b]. SECD-M [Abr82, AS85a, AS85b]. Second [ACM06f, IEE93a, Shr89]. SecondSite [RCOW12]. Secure [AD19, AVNR19, AMH+16, BTAB22, CCM12, CLDA07, JSHM15, JAS+15, LJR12, LP11, PEC+14, QZDJ16, RC18, RI00, RSGG15, THB06, TLcC13, WF07, YML+18, vD00, BDS+09, GND16, HKD+13, ISE08, LLX+17, Str05, SL12, TBLW12, ZBP05].
Secured [TMV12, WCC16c]. Securing [Sar01, Hal08, Hal09, PDM20].

Security [AKK+07, Ano93, AEB19, Att79, Att73, BDG18, De06, ESY+17, FJKK17, GW07, HHSG18, HB17, IEE84a, IEE90a, IEE91, IE05, JE12, KZB+90, KS08a, KS08b, LWLL10, NMMP15, PM19b, PvDS08, Pfo13, Rob12, SJV+05, SM90, SARL20, SEF+06, Ste05, TMV12, TV12, USE00b, VN08, WHD+09, WTM18, ZL16, ZL18b, ZYH+19, Ano07, BTMS10, Bau05, Bau06a, Bau06b, Be06, BCP+08, Bor07, BBS06, CCFHY07, CBFH20, EM06, FA21, Hal09, HMS04, IIK+06, LLW+12, MD73, MD74, Mat09, MKM+08, MA17, PG11, PZH13, PBB13, Sch13b, SDD09, SVT14, WHSE15, YSM+19, Ano07, BTMS10, Bau05, Bau06b, Bel06, BCP+08, Bor07, BBS06, CCMY07, CBFH20, EM06, FA21, Hal09, HNS04, IIK+06, LLW+12, MD73, MD74, Mat09, MKM+08, MA17, PG11, PZH13, PBB13, Sch13b, SDD09, SVT14, WHSE15, YSM+19, vCPWVT11, DTW07].

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

Segment [ELC+19]. seinen [KGG00]. Selecting [GSKJ18, NBK16]. selection [HM20, JK13, LZWC13, LLWW18, MCJ19, NNK21, ZB18]. Selective [WZW+11]. Self [BHI15, BRX13, HHHW10, JC18, dOL12, SEPV19, XCSM18, BKT+19, CBLFD12, GK05, GJ+19, KKB14, NK21, OK90].


Sensing [SML18]. sensitive [DK17, KSLA08, LCL14, MMTM22, ZBP07]. Sensitivity [HB13, TZK17]. Sensor [BSI+15, LC02, MAK07]. sensors [ALL06]. Separation [KF91, WLMD16, LWML14]. September [ACM81, ACM04a, ACM05a, ACM06c, ACM06b, Ano93, BW03, GH+93, Jou85, JPTED94]. Sequence [ARAAA19, EDS+15]. sequential [Clo85].

Serialization [BP01, BP03]. Series [Kee77, KAH83]. Server [ARA18, Ano03a, Apr09, BE17, Bod10, Car06, CGS06, Do11, HSK17, Joo09, KSS09, KS10, KLLT18, LZ15, Lar09, LC09b, LC09a, LZX+21, Mar08, MAK18, MG08, MG09, PZW+07, RWX+12, R+02, SWC08, WN17, ZHW+17, Zim05, Zim06, ARA20b, ARA20a, A+04, AGH+15b, BKR20, B+07, DBC+00, EBJ17, Hal08, IMK+13, KF18, LC14, LWW18, LLS+08, LL14, LDDT12, MNT14, MRM06, NTH+17, NMC18b, NMC18a, R+13, RPE12, Wal02, WDT18, YZW+13, AHH+03, Ano03a, B+07, D+04, Ham07, Lar09, MWHH05, OH05, R+06, Rul07, R+02]. serverless [NRdA+20]. Servern [Mar08]. Servers [DSM14, JJK+11, KAZS14, SDD+16, SKJ+17, WLW+17, A+04, BJ22, BBHL08, G+05, Hal08, JDJ+06, Mly09, SZ13, YLJ22]. Service [AP22, AAMBE21, BB13, BCW20, BFG+14, DKW15, DPCA11, EMAL17, ESY+17, FBM+21, GR20, GGK18, HS21, HW12, HJG18, HPHV17, JWL+18, KBK+21, LP14, LGZ+19, LLW+16, LYL21, LW20, MP16, MSC+21, PHXL19, QLL+21, RSNK17, RSGG15, WVT+17, WCC20, WHD+16, XZL+20, ZLG+20, ZLZ+21b, BSM+12, BSOK+20, CMG+19, CHCC07, CFRSSR19, DS18,
Story [Arm98]. strange [Fab13]. Strategies
[YLN+17, BDT13, FGG14, GHM+18, LLS14, PFH+16, TKG89]. Strategy
[LLZ18, XCSM18, ZB20, DKF94, HKS19, KS18a, LPZ+22, MW18, THB22,
WSX+19, Won97, ZLZ15, ZLH+15, ZLCZ18]. Strategy-Proof
[LLZ18, ZLH+15]. Stream [MMdE19, MV16, LMDP19, ZDK+19].
Streaming [MSC+21, BMER14, RSLAGCLB16, SIK+16]. Streams [MM93].
Strengthen [GPM21]. stress [MC98]. String [HOKO14, YDW18].
Striping [DK93]. Stripped [JJ91]. Stripped-Down [JJ91]. Strong
[GPM21]. structural [ORPS09]. Structure
[Com65, LHW+16, LMDP19, ZDK+19]. Study [Ano03b].
Sub [GGM+16]. Sub-System [GGM+16]. Subroutines [HT98, Qia99]. Subset
[SUN97, Reo03]. substrate [OKAM17]. Subsystem [HH79, Ste14]. Suffix
[HHW18]. Sugar [YML+18]. Suitable [Vog03, GSKJ18]. Suite
[DHPW01, WZT19, DTW07, GPW03, SMSB11]. summaries [BA19].
Summary [CFH+79]. Summer [HMS17, Sof83, USE85, USE86]. Sun
Supercomputer [MBK+92, LPD+11, XH90]. Supercomputing
[ACM89, ACM96, ACM00, ACM04b, ACM05c, Hir92, IEE90b, IEE92, IEE93b].
Superconcurrent [NRS02]. superoptimizer [HW15]. superscalar
[VdlFCC97]. supertype [RRB17]. Supplement [McC74]. Support [BP01,
DJ77, HHV+02, HD16, HB12, KYP+17, LV99, MS18, NSL+06, NLPV12,
RI00, SSG90, Tur92, XD16, ZL18a, dGG+17, AC95, BADM06, BTLNBF+15,
BP03, CHCC07, CFS+12, DJ76, GK05, NBS18, OI178, ORPS09, PGL12,
RK18, SJRS+13, STFH15, SL12, TY14, THL03, WK08, WCS06, WLL+13].
Supporting [BMS16, CWS12, Kim84, Kov19, MSS+15, Mon97, RT93,
XWJX15, YWCF15, ZFF06, GD08, TT93]. Supports [Ano03a]. surgery
[PBL+16]. Survey [ASL+20, AAFF15, BWS+15, FRG+20, GA14, CNS17b,
KLI06, KL14, KK19, Mal72, Man15a, PM19b, PS16, PS19a, QTR21, SB16,
SGB+16, UOKT84, VV18, WMUW19, AGH+15b, CB10, DS19, FMIF18,
HK19, MG13, MHS21, NIA18, PBB13, XTB17, YWL+18]. Surveyor
[Fra83, GHF83a, GHF83b, WNL+83]. survivability [YZW+13]. Survivable
[ACA16, AM16]. SUSE [Bau06b]. Sustainability [FBL18, SS17].
Sustainable [GB19]. SVGGrid [ZBP05]. SVLM [DS20]. SVM [JAS+15].
SVS [LJZ12]. SW [DCG12, Wu13]. swap [KB21]. Swapper
[ZLS17, ATS14]. Swapping [CC77, ABG14]. swarm
[BR+22, JNR12, 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, ACM03b,
ACM05a, ACM06d, Ano00, Ano01a, Ano01b, Ano04a, Ano04b, Ano10, HHK94, IEE84a, IEE85, IEE90a, IEE91, IEE96b, IEE06a, Ost94, TLC06, USE91, USE93, USE00b, USE01d, USE02, Vra05, IEE96a, Ano02).

**Synchronization** [BC19, LJL+11, ZJXL11, Sub11, Uhl07, Ven97d, YQZ19], synchronized [KS18b]. **Synchronous** [SIR+17, ZJXL11, Sub11, Uhl07, Ven97d, YQZ19], synergy [BRS18], syntax [KMMV14]. **Synthesis** [DMS02, BPB86]. **Syracuse** [IEE96b]. **System** [ACM75, Abr80, ABCC66, Ano10, AAK18, Bad82, BFHW75, BBD+91, BPP+17, BH73, BYBYT16, Ben21, BJS73, BGS89, B+05, Car13, CSS+13, CZX+19, Cre65, CWL+15, CHPY17, CHLY18, DMR10, DM75, Fis01, GGM+16, G+06, GH91b, HXZ+16, HW93, HH+16, HWCH16, IBM76a, IN87, Jad19, Kam83, Kee77, KP15, Kut02, LP14, Li14, LCZ+19, LCFL12, LXM+16, MCE+02, Mar73, Mat+0, MNN05, MS70, MDGS98, MB98, MS91b, MM94, NMS+14, N+08, PHXL19, QTR+06, RHV17, Sch86, SL89, SVN+10, Shi03, Shr99, SJA+17, SWF16, Ste05, WLW+15, WK90, ZCJ+21, ZQG+16, Z+12, ZZF06, ZXY+15, AD18a, AEMWC+12, AL05, AH12, ACT94, AP18, Bar78, BSD19, Bor07, Burb02, Caa00, CWH+14, CK06b, CKP78, CBFH20, DHD20, DCA17, FFBG08, Fis91, FL+77, GGO+13, HN08, H+13, HC12]. **system** [Hui18, IBM88, Int88, KB21, KCKC15, KK79, LJN+00, Lia05, LLX+17, LMDP19, LDL+18, MD73, MD74, MDFS2, NMC18b, NMC18a, PRB07, PK75b, RG91, Rob06, SNV10, SPF+07, S+20, SWW+18, SZ+13, S+72, STY+14, TC10, Vag10, Van06, VMBM12, VSC+10, WK+08, WWT89, WHSE15, WF07, WC91, YLCH17, YZS+17, ADG+92, ABDD+91, Car14, G+83, ITAY21, IBM76a, SNC91]. **System-level** [SVN+10, AL05, BSD19, WHSE15]. **System/370** [IBM76a, Gum83, IBM76a]. **System/6000** [ABDD+91]. **System/9000** [ADG+92]. **Systemarchitecktur** [See08a]. **Systematic** [BDF19, DCM22, ARA18, ARA20b, ARA20a, BJG19, BJ20, JZR+19]. **Systeme** [WF03]. **Systèmes** [Han73]. **Systems** [ACM81, ACM03b, Ano99b, BBMA91, BHI15, BDG18, BG74, CD12, CC77, CAF+91, Das91, DJ+17, Fle68, Gol69, Gol71a, Gol73c, Han73, HHS8, Her10, HBL+10, IEE93a, IEE01, JAD19, Lar09, LIW11, LJZ12, Madd69, MM93, MJW+14, MKKE12, NBB+19, NL19, PPG+17, RT93, SMP22, SL14, SS75, Say06, SVB93, SL16, SN05b, THB06, USE99, USE01b, Vra05, WN17, WLM16, Win71, YVVC17, YVVC18, 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, Daf04, Don87, DJ+17, DCMW17, EBJ17, FP14, FLCB10, GHH+93, GK05, Ham76, HKN22, HH13, JSG+13, Kee68, KCS14, Kou11, KS20b, LLL+17, LWDM14, LZW15, LCL14, LTK17, MRC+13, MA17, NS07, NV05, PSC+07, RVJ+01, RKT20, RHZ+17, RJK16, Ros06]. **systems** [RGS+20, SJB14, SK13b, SSMD10, SJJ+12, Sto07, Syr07, TMJ+21, TT93, THC+14, Vac06, Vit14, WR07, WKC+09, XZK+20, YK13]. **Systemverwaltung** [Lar09].
T [CZX+19]. T-Gaming [CZX+19]. Tables [MT16, MT17, WLW+15].
tackle [Sub08]. tactics [OG16]. Tail [ASSB18, WZKP19, War80].
Taipei [SS05]. Taiwan [SS05]. Take [Kis08]. Taking [Uhl06]. talk [Piz17]. Taming
[CZL08, HHPV15]. Tan [Fro13]. Tape [DK93]. target [FCG+05].
Targeting [CDG97]. Targets [Sta07]. Task
[ARAAA19, KMM13, LWW16, PCC+16, RRB19, ATZP21, MMTM22, ZB18].
Tasking [MB98, Shi03, JDJ+06]. Tasks
[KGS16, VS19, YSS+17, ABB19a, FGG14, KLY20, YQZ14]. Taxonomy
[FLZ+20, GB19, SGB+16, SB18, AGH+15a, HKB19]. TCAM
[HWHW18].
TCAM-Based [HWHW18]. TCB [HCJ07, HPHS04]. TCP
[CL16b, GKKK13, GI12]. TD [WBW+19]. teach [Don88]. Teaching
[AGr99, Dav04, Don87, GGG03, ME87, Guz01, Ham76, KW80, MS01, NV05,
WK+09, YYP+01]. teasing [LBF12]. Technical
[ACM06d, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Cap21, DK16,
ELC+19, Got07, Her06, RG05, USE01c, USE01d, USE02, UNR+05,
WH+09, ZAI+16, Apr09, BKR20, Int05a, Int05b, Int06b, Int06c, Int06a,
Str05, AJM+06, NSL+06, NKK+06, RSW+06, Uhl06]. Tele [HMS04].
Tele-lab [HMS04]. telehealth [WQG15]. template [WRX11]. Temporal
[CWdO+06, WBW+19]. temporal-difference [WBW+19]. Tenancy
[DY17]. Tenant [LCZ+19, SWW+18, YKS16, ZRZY15]. terminal [CCT08].
terminals [IK+06, ISE08]. Terra [BSE+15]. Terrestrial
[QLL+21].
TerrierTail [ASSB18]. Tesseract [ABG14]. Test
[Kol19, LPSS19, NL19, SM06, ABDD+91, IIPB09, LLS+12]. testbed
[HLW+10, ZGW+06]. testbeds [ACM06c, ADWM18]. Testboard [Kut92].
Testing [Ame13, CQLL18, DFK94, GFB+92, HLP+16, Kao17, KLF+15,
MMP+12, Ost94, VS06, BD11, CSS+16, FCD09, KFF12, SCFP00]. Texas
[ACM75, ACM06d, USE01b, IEE02, IEE03]. their [EF94, KCV11, SI13].
Them [HHPV17]. Theorem [Hir17, SSH17, BW03]. theoretic [NS17].
theoretic-based [NS17]. Theoretical [Kna93]. theory [LWCZ22, WSAJ13].
thermal [IRB19, KR16]. thermal-aware [IRB19]. Thermostat
[AW17]. Things [Gal09a, Gal09b, Gal11, ASL+20, AAMBE21, CMG+19, KB21,
PTD+18, SXH+19, WSX+19]. Third [Ano04b, CRZH15, PG74, PG73].
Third-Party [CRZH15]. Thoth [KB17]. thousand [SK13b].
thousand-core [SK13b]. Thread [GCL+21, MP01, BKC+13, Ven97d].
threaded [FGG14, HC17, SE12, tTR82]. threads [UR15]. Threat
Three [YYPA01, Vit14, YZW13, ZFY18]. three-layer [ZFY18]. threshold
[SSENS16, TDG18]. threshold-based [SENS16]. Thresholds [XCSM18].
Throughput [BPP17, BCW20, GKKX13, PYYG21, GI12, ZSW06].
Throughput-Oriented [PYYG21]. Thunderbird [Joo06]. ticket [OL13].
Tier [LH15, WZKP19, XZL20, WDC08, ZNSL14]. Tiered
[GGK18, AW17]. Time [Bad87, BE17, CW03, Cre65, FXHY21, FML18, Fu91, GLL21, GPM21, Hu90, HWB03, HS06, JAD19, KR18, KPHA20, LTE12, LWC17, LXL22, Mad69, MS07, NL19, PPG17, Sta97, WZKP19, ABB19a, AS76, AMIA19, ACT94, ABC16, BBS06, CGM17, DEE16, HK07, He14, Ive03, KJB11, LD05, LTK17, MNT14, MMTM22, MA21, NBS18, PTD18, QT06, RAT17, SBNU18, She91, Ste14, TSLBY08, WQG15, YK13, YCL19, ZEdlP13, ZGES17]. Time-Constrained [LTE12].
Time-sensitive [MMTM22]. Time-Sharing [Cre65, MAD69, MS70].
Time-sharing [Cre65, Mad69, MS70].
Time-sensitive [MMTM22].
Timebombs [CWdO06]. Times [ELC19, PLMA18]. Timing
[HD90, HWB03, KKS19, LGR14]. tiny [LC02]. TLB
[OLZ16, RGSJ17].
TM [Qia99]. Tolerance [JKJ10, RZPX19, ZJXL11, RCOW12, YLH14].
Tolerant [FK03, Kim84, YWR14, SNV10]. Tool
[Ano03b, Wil01, KK79, Lia05, Ska07, Skr01, SCFP00].
Toolset [ACG18, DZ02, PW03]. Tools
[AC98, BDG18, CAL75, GG11, LC09a, MJW06, PY93, QNC07, ACM01a, EL98, YYPA01].
Toolset [Ott18, PTD18]. top [KMT14, PBWH12, Won97]. topic [YZSC17].
Topics [IEE01]. topological [KKM13]. Topology
[CYX17, TB17, dSfF16, AM16, PST15b]. Topology-Adaptive [CYX17].
Topology-Aware [dSfF16]. TOPSIS [SS19]. Toronto [Sof87].
TOPSIS [SS19].
TOSCA [BSNB20, BRS18]. TosKer [BRS18]. Total
[LGJ18, THG18].
Total [LGJ18, THG18].
TotalStorage [D04]. TPC [NP13]. TPHOLs [BW03]. TPM [KC12].
TR [Int05b, Int06c, Int06a]. Trace [MZG14, NASD21, BDE03, DC15]. Traces
[WKG17, DD20]. tracing [BT15, PFH16, WKJ15, Wol99]. Track [Shr89].
Tracking [JADAD06a]. Tractable [KR94]. Trade
[StdB15, XZK20]. Trade-offs [StdB15, XZK20]. Tradeoff [MTFK19, UTO13, WCY17].
Tradeoffs [CMM06a, CMM06b, CMM06c]. trading [LWLL16]. Traffic
Traffic-sensitive [DK17]. Transactional
[URJ18, CMM06a, CMM06b, CMM06c, ZHB15]. Transcendent
[VTW16]. Transferring [HHC16]. transfers [DPBK16]. Transformation
[WIDP12]. transformations [HB08]. transient [LRC05]. Temporally
[LRD08]. Transition [MBWW86, Syr07]. Translation
[AZEE17, AZEE18, JXL12, LH16, YVBCB17, YVBCB18, dGG17, CFG13, JYW13, Oi05, Oi06, Oi08]. translation-based [O05]. Translational
[WIDP12]. translations [UTO13]. Transmission [RSNK17, RSN18].
Transparent [BZA12, FK03, KJK10, KKH14, MS12, dGG17, AW17].
JXZ⁺10, MRC⁺13, YJZY12, Transputer
[Boa90, GHH⁺93, Boa90, GHH⁺93]. travel [TSLBYF08]. Traveling [YK13].
traversal [YTS14]. Treating [SSOT17]. Tree [Hal79, KMMV14]. Trenches
[HN10]. Trends [RG05, AH12, CM18, JPTE94, vD06]. TRI [ACM97].
Trigram [Cox12]. Troubleshooting [WF03]. Troy [Ano97a]. trust
[XJR⁺17, RNA⁺22]. TRUst-aware [RNA⁺22]. Trusted
[BTAB22, DPW⁺09, SVB93, Str05, BCP⁺08, KSLA08, WH08]. TrustZone
[PPG⁺17, PS19a]. TrustZone-Assisted [PPG⁺17]. Truthful [NMG15].
TSAC [WZL15]. Tucson [IEE05]. Tuning [EDS⁺15, RS16]. Tutoring
[GH91b]. TVDc [BPC⁺08]. Twelfth [MR91]. Twenty [MS01b, Shr89].
Twenty-Fourth [MS01b]. Twenty-Second [MS08]. TwinDrivers [MSZ09].
twins [HCJ07]. Twitter [Guy14]. Two [AW17, ASMA21, IMBB20, SSG09,
TF16, BSSM08, CCMY07, HCJ07, LUL⁺05, SZKY21]. two-dimensional
[BSSM08]. Two-Level [ASMA21, SSG09]. 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
[WL04, MFT⁺19]. TypeScript [RSF⁺15]. Typing [RSF⁺15, RAT17].
u.v.a [Tho08]. UCSD [SP83]. UKCF [JXL⁺12]. umfassende
[Bod10, Fis09]. Umgebung [CK06a]. Umgebung
[CK06a, CK06c, CK06d, CK06g, CK06i, CK06h, CK06j, CK06k, CK06m, CK06i, CK06n, CK06o, CK06q, CK06t, CK06r, CK06s].
UML [Fre05, RBFLO01]. UMLex [Fre05]. uncertain [LPBB⁺18].
underlying [FBZS12]. understand [DMH18]. Understanding
[FRM⁺15, Set13, ZRZY15, LWB⁺15]. underutilized [HM20].
Undocumented [Sch94a]. Unexpected [Par71]. Unfairness
[SJA⁺17]. Unhooking [AKCP21]. Unified [ZDS⁺22, MBA⁺12]. Uniform
[Eug06, Bod88]. Unifying [MD12]. unique [AM16]. Unit
[DCG12, PXY⁺17]. United [Vra05]. uniting [LUL⁺05]. Units
[VLZL16, Vol90]. UNIVAC [Kam75]. Universe [Nel04]. Universities
[Sta07]. University [ACM75, ACM81, Gre10, IEE96a, IEE97, IEE99].
UNIX [J91, KAH83, NSH86, Gen86, HO92, Ka97]. Unknown
[CLW⁺14]. unleashed [Ano97d, HH08, MG08, MG09]. Unmodified
[HL⁺16, MKKE12]. Unpicking [LBF12]. unreliable [MPM⁺20]. unsound
[AT16]. Untrusted [CD12, HKD⁺13, HPHS04, WLL⁺13, ZP05]. upcalls
[LD11]. Update [FXHY21, LC14, SCL⁺19, VVC⁺17, J⁺05]. Updates
[LCZ⁺19, LDRS18]. updating [CCZ⁺06]. upfront [ZLW⁺19a]. upgrade
[CHCC07]. Upgrades [Ano03a]. uptrees [HB13]. UPWN [M⁺06]. Urgent
[AGJS16]. USA [ACMS1, ACM01a, ACM03b, ACM05a, ACM06c, ACM06b,
ACM06d, Boa90, IEE93a, Shr89, USE01c, ACM75, ACM05d, ACM06a,
An001b, An04b, IEE84b, O094, USE85, USE86, USE91, USE93, USE99,
USE00a, USE01a, USE01b, USE06]. Usage
[KLLT18, RSW+06, WH99, KTB17, RGAT18, SK13c, YW20]. **USB**
[Ano03a]. Use
[AAAF21, Bec09, CLLS12, Guy14, GGK19, KK79, Sch13a, SJJ+12]. use-case [GGK19], used [tTR82]. useful [LC09a], usefulness [SM79]. USENIX [ACM05d, So83, USE91, USE93, USE06]. User
[Chu06, ZQCZ16, Ano93, ACT94, Bor07, Guz01, PG11, RSC15, Sto07, Tho73, ZLZ13, ZLZ+19a, CKT08, Dav04]. user-controlled [Sto07]. User-Level [Chu06, ZQCZ16, ZLZ13]. user-space [PG11]. User-terminal [CKT08]. Users [Boa90, IBM76a, SS17]. userspace [DD20, Ste14]. Using [AAF+09, ARAAA19, ASL+20, ABV12, ALL06, Bas04, Bas06, Ben21, BRX13, CQLL18, Cle21, CCO+05, DBMI92, Don88, ESY+17, Guz01, HLW+10, HWHW18, JMSLM92, LJN+00, LTT92, LD05, Mar73, MV16, MZ20, NASD21, OLZ16, PEC+14, RSW+06, Sar01, See10, SM06, SC17, SYB12, SAT09, SBK15, SXCL14, TDG+18, WDSW01, WKG17, WUNK17, Wil01, Wol99, XSC13, XCMS18, ZLG+20, ZBP07, ZLW+19b, dGG+17, AD18a, Agr99, ATS16, AW05, AP18, AGIS94, BSM+12, BHvR05, BSOK+20, CL14, CPM+18, CCZ+06, Dan12, DHD20, EB20, FFBG08, FA21, FL13b, GHM+18, HKJ19, HJ10, HTAY21, HN08, HPHS04, Hol95, HPS22, JNR12, JWH+15, JGSE13, Juo07, KSS+20, KKM+13, KS18a, KJ+16, Kip21, KG+16, KL13, Kou11, KRG+12, LDL14, LLWW18, LQW+12, MMH19, NMC18b, NMC18a, NV05, PBL+16, PON19, RP07, RWC21]. using [SEM+20, SGV13, SSN12, SS22, SLPP11, SI+16, SSH17, STFH15, SSN94, Str05, TSLBYF08, TSI9, TF16, VT14, WG+18, WZZ+20, YK13, YLWH14, YWF09, YWCF15, ZLZ13, ZDLG17, ZB18]. usual [dCJR16]. UT [Ren78]. Utah [ACM01a, CK87]. Utility
[LGZ+19, CSV15, JWH+15, PSZ+07]. Utility-Based [LGZ+19]. Utilization
[HLBZ20, KBDK22, KCKC15, NL19, uRQS20]. Utilization-Based [NL19]. Utilization-prediction-aware [HLBZ20]. Utilizing [GVI13, KOY05].

V [Gal09b, Lar09, LC09a, Apr09, Car06, KV09, KSS09, KS10, Lar09, LC09b, LC09a, MG08, MG09, SAMP22, SRS09, AJ18]. **v-Mapper** [AJ18].

versioning [STFH15, WF07]. Versus [Ran20, DK75, HPHS04, SCEG08, VED06].

version [BFS+18, STY+14]. Verwaltung [Zim05].

Versus [Ran20, DK75, HPHS04, SCEG08, VED06].

vertical [BFS+18, STY+14].

Verwaltung [Zim05].

Viewpoint [LPSS19].

Virtual [ACM05d, ACM06f, AGJS16, AS85a, ABCC66, AEM+14, ADM98, AGH+15a, ACL72, ABV12, Ano75, Ano97b, Ano97a, Ano97c, Ano97d, Ano00, Ano01a, Ano01b, Ano02, Ano04a, Ano04b, Ano05, fLtNW14, AE01, Apr09, Arc07, AD11, AAK18, ASSB18, Att79, Att73, AH68, ACA16, AC98, AMA+11, BTAB22, BWPS85, BFHW75, Baj70, Bak83, Bal91, BMS16, BYZZ20, BP99, BDF0+03, BBTK+17, BDjdS02, BSSS14, BWH+19, BDF+99, Bee+05, BCC+15, BHT+17, Bel06, BB13, BN75, BJ20, BHDS09, BIPS73, BBH10, BL17, BFG+14, BW+15, BBM+15, Blu+02, BBM09, BD01, BP01, BP03, BDjdB17, Bro89, BRX13, BFM+21, BMW+19, BBS06, BJ+16, B0+07, BG73a, BG73b, BCG73a, BCG73b, BG74, Caa00, CTS+93, CW03, CCWY05, CL17a, CFH+79, CFH+80, CWL12, CFM17, CCML12].

Virtual [Car13, CK87, CFVP12, CWS12, CHCC07, CGMD19, CF00, CT03, CSS+13, CGC16, CL16a, CL16b, Che21, CRZH15, CCO+05, CC77, Cha97, Coh97, CDG97, Cox99, Cra05, Cra06, Cra98, CH78, CWG00, CWL+15, CHPY17, CYX+17, CHLY18, CDN02, Dalxx, DAH+12, Dal97, DHPW01, Dan86, DD02, DSM14, DG05, DEK+03, Den01, DK17, DMR10, DKW15, DCM22, DF06, Do11, DGLZ+11, Dom80, DL19b, DJ67, DJ77, CDA04, DLS+01, EGR15, EGJS15, EJ+16, Eng99, EM06, EMAL17, EG01, Ert03, EMW16, EDS+15, FFB+00, FG91, Fie68, Fis01, FPS+02, (Fo71, (Fo78, Fra98, FK03, FL13a, Gal75, Gal73, G+01, GWZ16, GKSP99, Gei02, Gen86, Gol69, Gol71a, Gol71b, Gol73c, Gol73b, GGG03, GLBJ18, Gun83, HHV+02, HHW10, HT+98, Hal79, HTW+19, Han73, HKLM17, HM01, HA79, HTB22, HH79, HB17, Hin97].

Virtual [HKM+18b, Hir17, Hof20, Hor73, HKKW13, HS13, HB03, HS06, HB08, HPS22, HP15, IBM72, IBM73, IBM76b, IBM85, IBM88, Int88, Ian14, Ibs84a, Ivo03, JRO2, HJS12, JJK+11, JE12, Jen79, JXL+12, JMSL92, JQWG15, JAS+15, JN+15, JKK+10, JADAD06a, JD+06, JG01, JQ02, KQ07, KCW14, KRS+17, KC16, KS08a, KSS+20, KMK16, KNT02, KKT17, KF91, Ken80, KDB16, Kim84, KJL11, gKEK13, KKJ14, KP15, KPHA20, KAH83, Koc19, KZ+04, KLLT18, KLF+15, LCWB+11, LMM18, Lan75, Lau87, LW73, Law00, LW11, LP14, LSC+17, LMR18, LLW98, LMG00, LMG01, LTE12, LLS14, LZX+15, LZW15, LVM16, LLW16, LYY17, LGJ+18, LB98, LV99, LTT92, LD05, LW16, LY97a, LY97b, LY99, LYxxa,
LYxBB, LYBB13a, LYBB13b, LYBB14, LHAP06, LWLL10, LJJL+11, LW12, LJJL+15, LLZ18, LWZ+18, LCZ+19, LPB17, LPBB+18, LFBB94, Loy92, LTK17, LXM+16, MSG14, Mac79]. Virtual

[Mad69, Mal73, MS91a, Man15a, Man16, Mar73, MD12, MP16, MZ20, McG72, MRG18, Men03, MS70, MD97, MDxx, MW18, MDGS98, MLG+02, MB98, MKKE12, MA21, II79, MP01, MJW+06, MM94, NBH08, NBBK16, NM15, Nel04, NASD21, NGRF19, NSJ12, NL19, NKK01, OKAM17, Oi05, Oi06, Olb78, PTHH14, PAKY16, Par71, Par72, PPTH72, PP73, PSBG11a, PAC+22, PHXL19, PXG+17, PMN+20, PRB07, Pfo13, PHC20, PS16, PCC+16, PK75a, Pro00, Qia99, QT06, RNA+22, RG17, Ran20, Ran02, RLZ+16, Ren78, Rev11, RIP18, RY10, RI00, RSN+18, RBB19, Ros99, Ros04, RG05, R50, RCTY19, RB01, SMK02, Ibs84b, SL14, San88, SSB14a, SD01, Say66, SH04, Sch13a, SMES01, Sch09, Sch94b, Sch94a, Sch73, See10, Set13, SSB11, SSB03, SC17, SCEG08, SCGL22, SMA18, Shi03, SM01]. Virtual

[SGV12, SV13, Sim92, SCP93, Siv04, SSG90, SN05a, SN05b, SHZ+14, SBP+17, SXM+18, SB73, Sta97, SSB10, SSB14b, SB+03, SVL01, Sun95a, Sun95a, SUN97, SKI+17, Sup04, SM02, Sur01, TSLBYF08, Tai98, T96, TTH+19, TMV12, TH+12, TY14, T98, TO96, TV12, USE01c, USE01d, USE02, UT87, UBF+98, U15, Vag10, VTM16, Ven97a, Ven99a, VGF16, VLO0, Vol90, W06, WIDP12, Wa99, WH99, Wa99, WDL+20, WB81, WLW+15, WWL+17a, We94, WGLL13, WZL15, WLL16, WCSG05, WHD+09, Win71, WP97, Wol99, Won97, WWMG06, WLC17, WWL+17b, XKY+11, XSC13, XHL+13, XWLX15, XLLJ16, XLLW19, XLL+20, YC98a, YLH17, YYY+17, YLCH17, YWH+21, YP15, ZWF17, ZDK+22, ZS01, ZLW14, ZRD+15, ZRS+16, ZL16, ZCG+17, ZL18b, ZLZ+19b, ZZW+21, ZCL+21, ZZF06, ZWL+18, ZLL+16, Zhol10, ZHL16]. Virtual

[ZYLY18, ZJXL11, ZTWM17, Zim05, ZR06, Zyt94a, Zyt94b, dSdF16, vD00, vLSM01, Avg99, AEMWC+12, ABB19a, Abr82, AS85b, AD19, AGS10, AAH+03, AGH+15b, ATZP21, ADA+19, AAB+00, AAB+05b, AC95, Ame13, AGH+16, An94, An96, An09a, AO16, ATS16, AFT01, ABC+07, Arm98, AWR05, AAM+16, AMB17, Arv02, AP18, AS14, AMB+17, AAC+17, ANH00, BB20, BAC15, Bag76, BML+13, BSM+12, BDF+98, BDR+09, BHvR05, BG20, Beg12, BPC94, BB12, BB15, BCP+08, BJ22, BM90, BR5+22, BPM+22, Bir94, BADM06, BFC02, BY20, Bri98, BB95, CSMB15, CARB10, CL14, CL17b, CD14, Car14, CEG07, Cav93, CS76, CGM17, CSS21, CCL+17, CCL+20, CBLF12, CH08, CRB12, CK06a, CK06c, CFRSS19, Co99, CG10, dCDFD015, CWD+06, CLDA07, CLL+13, CD01, DPW+09]. virtual

[DSS+94, DS19, DSC+08, DP11, DM93, DC15, DEG+17, DBC+00, DQLW15, DLH+20, Don87, DHD20, DXM+17, DSZ11, DCMW17, DCA17, EB20, EG03, EYG21, EGK10, EG03, Ert05, EL98, EME15, FCD09, FL+13, FZS+20, FS19, FM90, FA21, FBZ012, FSFP19, FMIF18, Fit14, FHL+96, FGL15, FF96, FLM+08, FCC+05, Fre05, FX06, Fu10, GP13, GGQ+13, GTGB14, GI12, GVI13, GH20, GSKJ18, GJK+20, Gol73a, Gol74,
GCARP C+01, GAHL00, GPW03, GR80, GBCW00, GLQ+13, GKJ+19, GLV+10, GA18, HKS19, HM18, Hal09, HMMH17, HZL+18, HJ10, HKN22, HN08, HKb19, HZZ+14, HTB19, HUL06, HH18, HH19, HDG09, HeC14, HPR04, Hol95, HLBZ20, HSC15, Hui18, IBM94, IBM96, IRB19, IKU15, IMBB20, JSK+13, JKH15, JES+15, JKK+13, JNR12, JW+15, JC18, JGW+11, JDW+14, JGSE13, JADD06b, dCJR16, Kal97, KOY05, KDK20, KBDK22, virtual

KB21, KSSG16, KS20a, KSO+15, KRCH14, KS18a, KSL18b, KTB17, KK21, KBB11, KCS14, KJLY15, KCK15, KK16, K16, LB+11, LMB9, LC14, LZZ16, LBL16, LYY18, LLF+18, LWW18, LFH19, LRS19, LZ19, Lia05, LJL12, LF19, LCR13, LI14, LPZ+22, LWC12, LMDP19, Lot91, LSS04, LG93, LQD+18, MSG+12, MD73, MD74, MSG01, DPBK16, Man15b, MS17, MAN18, MRM06, MBM09, MNA16, MS00, Mat09, MK19, MN03, MC93, McM11, MG13, MRG17, MN91, MM12, MST+05, hTMAC+08, HM19, MPM+20, EYGS19, MAK07, NZH20, NN21, NK10, NOK+85, NAR19, NOR15, NV05, NIA18, OG16, Oi08, OMB+15, ORPS09, PKS+19, PFH+16, PEL11, PSBG11b, PM05, PM19a, PDM20, PPFJ18, PBY1+08, PJZ+19, PCB+18], virtual

[Piz17, Pon19, PRS16, PV08, Pu91, uRQS20, RK16, RK20, RH17, RH20, RAI79, RG19, RWC21, RT18, RZ14, Reo03, RK18, RFBL01, RJ17, RGS+20, Rus08, SZY21, SB01, SBJ14, SS13, SENS16, SBBP20, SHR19a, SHR19b, SNV10, Sch13b, SSM10, SEM+20, SHL13, SSN12, She91, SJL12, SJW+13, SWH+13, SASG13, SLC10, SAE18, SS19, SL00, SS22, SGG199, SGB00, SKC73, Sm197, SYMA17, SJJ20, SSL+13, SPA18, SMA+10, Spi06, Ste14, SSU+12, Str13, Str05, SZZ14, SK13c, SLA+16, SHT11, SYR07, TZZ17, TH+14, TML14, TDD20, TSR19, Tay76, TK20, tTR82, TGCF08, THG+18, TII10, TMM12, TB14, TDG+06, Tsa14, TrLC13, Tur84, Vac06, Van98, VT14, Ven96, Ven97b, Ven97c, Ven97d, Ven99b, VED07, VVB13, VWT13, VDO14, WGF11, WKB08, WRX11, WZV+13]. virtual

[WQG15, WK15, WHC16, WC17, WXZ+17, WSX+19, WBW+19, WZZ+20, WGY20, WRO07, WDT18, Web10, WK08, WLG+11, WH20, WH08, WCS06, WLL+13, WW77, WSYY09, WRS11, WRS+15, WGC11, XNH21, XCX1+14, XHW19, XHLC15, XJWW15, XZZ1+16, XW+17, XY+17, XTB17, XLG18, XLD18, XJW18, XKK1+20, XA22, YC98b, YME05, YZW+13, YLH14, YLHJ14, YPLZ17, YC18, YW20, YGLY1, YBZ+15, YYC1+9, YLK+10, Yel99, YW08, YSM+21, YLJ22, YC16, YRJ+18, YMY17, YGN+06, YWGH13, YQZ14, YQZ19, YTV00, YG13, ZWX16, ZWKK17, ZY18, ZBG+05, ZL15, ZL15, ZWH17, ZH17, ZHH17, ZFY18, ZWC1+19, ZLL14, ZJRW19, ZBP05, ZBP07, ZWL09, ZL15, ZL15, ZWH17, ZLC18, ZSRR22, ZWC+14, dSOK17, AGS94, BPB86, BJ12, Cza00, Fuj91, GKP+19, GH+18, KM13a, KM13b, McC74, Mon97, PEC+14, Ros99, VED06, Wel02]. virtual-machine
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 [Tho08], Virtualisierungs-Buch [Tho08], Virtualisierungslosung [See08a], Virtualisierungslosungen [PO09], Virtualisierungssoftware [Zim05], Virtualisierungssystemen [Deu08], Virtualisierbar [GG72, HH13, PG74, PG73], Virtualization [AFG+17, AJM+06, AP22, AJD+16, AVNR19, ASL+20, AAMBE21, ADWM18, APST05, Ano12, AvMT11, Bac11, BE17, BLMP22, BJG19, Ble04, BHEP14, BDR+12, CZL08, CLS07, CGS06, CEPR22, CHW12, CXLX15, CWH+16, CQLL18, CDD13, cCWS14, CLLS12, Coh06, Coh10, Cre09, Cre10b, CGW07, DLL18, DLM+06, Don06, DMG+15, DY+17, ECET18, EMAL17, ELC+19, FPR+06, Fer11, FDF05, FLZ17, Gal09a, Gal11, GHS17, GW07, GCL+21, Got04, GI11, HD16, HWF07, HTAY21, Her06, HN10, HHC+16, HS17a, HSN17b, HDM08, HSL17, HB12, HW12, JAD19, JW17, KLY20, KS08a, KMM13, KR18, KS08b, KG+19, KGS16, Kot10, Kot11, KC12, KL+20, KLK+22, LH16, LVC+17, LXL+22, LL+16, LRZ16, LZW+17, LYGG20, LCFL12, LDXT12, MDZ+18, MDZ+19, MCC18, MA10, MCZ06, MUKX06, MA17, MGL+17, MWHH05], Virtualization [NTR18, NSL+06, NKK+06, NsP16, OVI+12, PWZ+07, PHL+12, Pap20, PM19b, PZH13, PYG21, PYDG22, PV09b, PNT12, SMBF08, QC07, QTR21, RC18, RSW+06, RCM+12, R+06, RTL+18, RZP19, RRK17, RWX+12, RR09, SM22, SADP21, Sed07, SM06, SGB+16, SYB12, SABL20, SAT09, SIJ11, SYC14, SWF16, Spr07, Sta07, SKY+16, Swa06, TFK+10, TF16, Tre05, UNR+05, UH+06, UV+13, VN06, VN08, WBB+16, WDCL08, WWH+16, WZT19, WC01, WG07, WHD+16, WH05, WLW+17, XH16, XYD+18, YS+17, ZDS+22, ZSXZ07, ZQZC16, ZYH+19, ZSP+21, ZZW+21, ZZF06, ZAI16, ZH+15, ZH05, ZKL+17, ZJC12, ZZZ+21, vMAT14, vdK09, AA06, AKK+07, AAF+09, A+04, AH12, AMIA19, ALW15, AJD09, Ano14c, Ano15, AKCP21, AP09, AAB+05c, AEB19, ABB+19b, AA18, ABB+15, BDF+03, BBD+10, BS+18, BRIdM10], virtualisation [BK20, B+05, BB08, Bo07, BH13, BC10, BTLNBF+15, BSFM08, B+07, CPM+18, CSS11, CMG+19, CBER09, CDM+10, CFG+13, CW+14, CL15, CCZ+06, CM08, CLG+08a, CLG+08b, CB10, CMM+06a, CMM+06b, CM+06c, CIA07, CIA05, CBFS+08, CM18, CKTO8, Cre08a, Cre08b, Cre10a, CB07, DLL+16, DBO+18, DY+12, DCP+12, DS09b, Drep08, EdP+10, ECAE13, FFBGS08, FP14, FJKK17, FLCB10, FS08, FRO13, FK13, FSH+13, GMK17, GLA+08, G+06, G+05, GTN+06, GAH+12, GKT17, HLT+10, Hal08, Han16, HII16, HHS18, HPC+04, HC12, I+06, ISE08, IMK+13, IPRS21, J+05, JM08, JXZ+10, JZZ13, Kao17, KVV09, KSR10, KKB14, Kip21, KPW+19, KL13, KS20b, KRO09, LPD+11, LD11, LUL+05, LL17, LLW+12, LZW+13, LL+18, LX+17, LJY15, LWQ+12, LCL+14, LL+16, LR+19, LSI+14, LP11, LDL+08, MG19, MB21, MRM06].
virtualization [MSI+12, MDD+08, MIS+05, MBA+12, MPA+18, MBBS13, Mly09, Mon22, MMG+18, MR06, MHS21, NTH+17, NRdA+20, NB11, P+08, PG11, PBB13, PFNC20, PST15b, QZDJ16, RSC+15, RS16, RQD+17, Rix08, RSLAGCLB16, Ros06, Ron07, Sam22, SVN+10, SJRS+13, SWcM12, SIRP17, SPF+07, SHB19, SWW+18, SAB+07, SWC08, SL12, TDG+18, TSB19, TMJ+21, TSCB19, TLBW12, VW08, VSC+10, VOS12, WR12, WZW+11, WCC+16a, WCC+16c, WCS09, WHSE15, WYZAD20, XKY+11, XZ11, YKS16, YJZY12, YTS14, YLWH14, YCL+18, YCL+19, YLTF20, YL+20, Yu20, ZedPI3, ZSR+05, ZSW+06, ZLZ13, vCPWvT11, vD06, vH08, Gua14, BCZ19, MCJ19, YWL+18].

Virtualization-Aware [LXL+22].

Virtualization-Based [CDD13, KLR+20, RZPX19, AAJD+16, DPCA11, MCC18, WDCL08, CGL+08a, CGL+08b, CGL+08c, LLX+17, QZDJ16, TSCB19].

virtualization-driven [CSSS11].

Virtualized [AMA18, ASMA21, BB17, EGR15, GKKX13, GLBJ18, HO22, HLPY16, HCB18, KHW+16, KKH14, LZ15, LGJZ16, MT16, MT17, MSC+21, NBB+19, NKY+18, PWJ16, PLZ20, RGSJ17, SB16, SL16, SDD+16, WIS+15, WKC+09, WLMD16, WTM18, XWW+21, YVCB17, YVCF18, YWW+15, YWCF15, ARA18, ARA20b, ARADA, ACH12, ACG18, ASB18, BGS13, BSD19, BKT+19, BSOK+20, BSSM08, CP17a, CP17b, DS18, EBJ17, GAS+18, GKK19, HOKO14, HL13, JK17, KW13, KSRL10, KRG+12, LKR+19, LWMD16, LC13, MBL19, MAK18, NBS18, NS07, NMC18b, NMC18a, PSZ+07, PC21, PSC+07, PXH18, RAP19, RHA+17, SBNU18, SG10b, TRG13, WWWL13, WB16, WTLS+09, WTL+16, YLJ22, ZGL+17, ZWC+14, ZYJ+21].

Virtualizing [BTMS10, Sar16, SB10, SRL01, WRS13].

VirtualKnotter [ZWC+14].

Virtually [Say67, Spi06, WL96, Tre05].

VirtualPower [NS07].

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

virtuellen [CK06a, CK06c, CK06d, CK06f, CK06i, CK06k, CK06m, CK06n, CK06o, CK06p, CK06q, CK06s, CK06t, CK06u].

Virtuelles [AH68, Han73].

Virtuoso [DGLZ+11].

VIRTUS [IIK+06].

Vision [Arm78].

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