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Title word cross-reference

(a, b) [DJM94]. (f, g) [CDD+15]. (k, 2) [EMMM94]. (κ − κ) [KT91]. 0  
dADC18, EE05, PMV05, PM96, SM89b]. 1  
dADC18, EE05, HV09, JM14, PMV05, PM96, SM89b]. 1 − m [SJG19]. 2  
[Ano93e, BDKM94, BAES92, CHCG18, CS92, CS93b, DJDK19, HSSM07, HHC98, KRKS11, KLC05, LXLS12, LME95, MD01, SS94b, TSFZ14, Tur12, WC91, WS95, Wu02, YA11]. 2.5 [MPG17b]. 2 log N − 1 [CC14]. 2 × 2 [PD92]. 3  
[AA14, AA16, BDBR14, BAL05, BC94, CW00, CCCM96, GOH+13, GW99, Joh89, LLFJ18, NM17, OGRV+12, PYP+10, PEC95, WC91, Wan07, WS95, YA11, YB01, ZLS17, Zsa16]. 4 [KMC16, MD01]. 45 [HRF*11]. 4 × 4 [Jia99]. 5  
[CCCM96]. ✱ [HCZ04]. ✱ [HCZ04]. ✱ [OC07]. ✱ [HCZ04]. 2 [ASST05]. 3  
[ASST05]. B [YL89]. C3 [HK96]. C3I [PAJC97]. d  
[DFN+94, DTK11b, LSC00, VB94]. ✱W [MRRT07]. G [BFKW13, BNP98], GF(2^n) [SKH15]. h [GS98, KLP10]. hp [PPTV+10]. K  
[ACU08, BE95, DWG03, DBCF13, HHC98, SHL95, WL11, Amm16, BVB02, CDDL10, DW06, DH91a, GP00, KK98a, PD05, PK04a, PRHB06, PK07,
RP98, RDA18, SSKS11, San99, SAOKM03, SGR03, SLP+98, SZ00b, SDG17, TT98, WCH+17, WS97b, YTH07, YD98, ZHT16. $k(n-k)$ [Lin03]. $K_{1,3}$ [LLFJ18]. $\kappa$ [XL95]. $L$ [ZBW+17]. $LTQ_n$ [XHZZ16]. $LU$ [FHL+15]. $M$ [YLB90, ABBD14, SJG19, WTB+08]. $N$

AY89, IHM05, NTA96, SHT+95, AKPT99, BVBO2, GL90, LLFJ18, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98. $\n^2G$ [CL85]. $n$ [PK07]. $n \times n$ [COS+95, NS94]. $O(1)$ [Can18, GP94, Wau07]. $O(\log N)$ [BNP02]. $O(\log_2(\min(m, n)))$ [XL11]. $O(\log_2 n)$ [JBL02]. $O(\log \bar{m}, \log N)$ [CC14]. $O(\log \bar{n})$ [JBL02]. $O(\log \log N)$ [DP98]. $O(\log N)$ [GS99]. $O(n)$ [DLV11]. $\Omega$ [MRRT07]. $P$ [BM97, PMV05, YBX+13]. $P^3E$ [HSJP87]. $P_4$ [ANP07]. $\phi$ [AK07]. $\pm 2^b$ [Nas94]. $q$ [DP00, Lat98]. $QR$ [BDG+15, FHL+15, ZLRP91].


/compute [KAS07]. /many [KSG13].

0/1 [BW18, LSS88]. 0/1-Knapsack [BW18].

1 [HV95, MF94]. 1-Knapsack [BW18]. 1-type [GA18]. 1-Writer [HV95]. 10 [LB12]. 10-Gigabit [FCH05]. 113 [KN18b]. 168 [ZWF06]. 1D [PA04].


3 [BFG94, KMC16, MKY+97]. 3-D [BFG94, MKY+97]. 3D
[AB03a, CGW+03, GS03a, MJ03, NPI+96].

4 [BAM93]. 42 [Ano97c]. 46 [Ano97g].

5 [LAD+96, PTC+93]. 53 [Ano00d]. 5G [DAPR18].

60 [Ano00b, Ano00c]. 66 [Ano93e, CS93b].

71 [LSS+11a].

80 [Ano97k]. 802.11 [BCD00, ZBR11]. 802.11e [FA07]. 802.11n [GZY14a]. 802.11s [VHH08]. 860 [DHR96].

90 [HLJ98]. 90D [BCF+94]. 90D/HPF [BCF+94].

A* [DM94]. a-cyclic [BD05]. A-GHSOM [IZ12]. A-Star [SRT+18]. A.
[Ano92a]. AA1 [GCM95]. AAIA [TFV+15]. Abduction [eW95]. Abduction-Based [eW95]. Abductive [eW95]. Absolute [Wor93].

Abstract [CGSV93, RJKL11]. Abstraction [DDO+18, GDN+98, IRRS16, LSZJ15, HCR12]. Abstractions [KB01].
ACAS [MBR19]. accelerate [SJVRVS19, SDG17]. Accelerated
[AB13, EI07, DGNW13, DCA+15, Eme13, GOH+13, KDO+13, LMSK18, SHA17, WLL16, Zsa16]. Accelerating
[AVAH18, DFST13, GAOGH17, RCG18, SKH15, SHT+08, WD13, YL12, YZG18, ZXB14, ZCS+18, AM12a, VBDRC13]. acceleration
[BAT+19, LLY15, NMS+18, UGG+11]. accelerator
[CNLGLR18, ICQ+12, PP13]. Accelerators [DF12, MLK12, RBN11].

Access [ALLM11, ADS98, Bal90, BP02, Bit92, BR95c, CW93, CH92, DP00, FY96, HP00, OS93, San98, WMG01, ZRC99, AM13, BGLA03, BR91b, BC11, Cle90, DFP06a, ETS14, FA07, FC90, FLC14, HC91, KKK11a, KGN11, Lan09, LZ11, LWWZ12, LC11, LS19, MLZY17, MMYY17, MM07c, NSDZ18, NKK16, Pad91, SM89a, SR88b, SR90, TODQ18, WTS03, WBR13].

access-aware [MYYY17]. AccessAuth [TODQ18]. Accesses
[MRV98, SR97a, SR97b, JZ05]. Accident [CCW14]. accrual [CRJ10b]. accumulations [SAF05]. Accuracy [EH01a, PKK91, CRWX12]. Accurate
[DD95, KK88, BFKW13, CGL+14, GJ12, HDT+05, HZDP12]. Accurately
[LC13]. ACE [PL98]. achieve [LCB16]. Achieving
[EH01a, KEA95, NPY+97, XLC+18]. Acknowledgment [Gra10a, KL08a].

Acoustic [LPLFM+12]. across [MB19, SGdSS13]. Action [Sie16].

Actions [WR95]. Activated [NPP+02]. Active
[SKH96, DB86, HOE+09, KV10, PMV05, PMV06, PGS17, SI13, YT05].
active/active [HOE+09]. Activity [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19]. Activity-Based [AS00]. actors [GE85]. ActorSpace [CA94]. actuator [KKKP12, SCN12]. Acyclic [GY92, AFM09, BP89, Zim90]. Ad [Ano01e, GS01b, LC14b, RBP+11, TM10, XG03, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BDF01, BN03, Bout03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGP03, GS03b, GMS06, GMXA07, HW03, HJ07, JLWX11, KK06, Kim11, KSK15, KNS06, LAZC00, LR03a, LPX05a, LW06a, LHW14, LR03b, LHT08, NMN+14, OSL05, OM10, OMSGNSG05, Pat01, SCN12, SSM+06, SGS08, SKMM04, SJS11, TC13, VA03, WT+08, WGS08, WBTM09, WHS+18, XHG03, XWC+08, YC04, YSS11, YWW12, ZMC06].
ad-hoc [BOP06, CYZ06, KSK15, LHW14, NMN+14]. Ada [Lun90]. Adaptable [Zim96, LLLC15, LFGM17]. adaptation [BK08, GBMZ07, KGN11, LS06, NZY+11, WMC+18, WWY+18, YHWY18a]. Adapting [DKR109, We02, SW18, WRW13]. Adaptive [ASH+01, AA93, AA16, AMN00, ACPT15, AYIE98, ACFK07, BLPA05, BOT13, BPR99, BL90, Bout02, CS00, CGM14, CLT96, DY99, DHB02, DMB97, DM99, FLS97, ISM07, JK00, Kr97, KKS01, KG10, KLLK98, KB01, Lan94, LLO6, LPK+10, LC11, LME95, LEB98, ME04, MV88, MD92, MTS90, OB98, OR97, PW96, PR97, PIB+01, RDS02, SS06, SKK97, SJ95, SB02, SSOB02, SLG06, SHT+05, TC04, Ten90, UBS10, VMRR10, WCE97, WA02, WL10, YIY97, ZHLQ12, ZM94a, AOSM05, AGMS04, APK18, AF17, BM17a, BCFF05, BMT12, BBS13, BBN12, CL03a, CMMN10, CP04b, CDCD05, CAF+11, DMB+03, DIW+12, DAB+14, ESA03, GBA08, GA16, GN18, HNSA07, HHK15, IZ12, KK17, KMF+05, KKS08, LST17, LY91, LHX+16, LW18, LA04, McdS+06, MSAF04, MPG17a, MPN17, NKK16, OP08, OS04, PPTV+10]. adaptive [SMO14, SB12, SHL09, SMB10, SHC14, TLY12, TKHG04, TT07, WW04, ZXYO11, ZLCZ18, ZWRI07]. adaptively [Mit07]. Adaptivity [OH02]. ADDAP [DHR96]. Addendum [Ano02a]. Adders [NIR86]. Adding [MSZ05]. addition [OB88]. Additional [LP97, CKN07]. Address [KY96, SL97, TR96, YQTV12, WZ13, YGZ+10, YC12]. Addressable [Win85, KRM14]. Addresses [CGL+95]. Addressing [ZLP01, Ho91, Ty90a]. adjacent [CFJW13]. adjusted [TDBL13]. adjusting [MC91]. ADM [Pad93]. administration [LB17]. Admission [MBO11, AAA+10, MCZ14, RKK06, XYL06, YJKD10]. ADMs [FSZ07]. Ads [BA01a]. advance [CRH11]. Advanced [BW95a, HDMC11, MCP+18, PH18, PGS17, SDR88a, TSD08, PLL+03, SHT+08, ZXR18]. Advancement [Lan09, LZ11, LVR90]. Advances [GA16]. advantage [CL03b]. advantages [CCLS94]. Adversarial [GBMZ07]. adversary [dOCS14]. advertisement [WGC09]. advertisement-based [WGC09]. advice [DP12]. Advisor [uRIL+18]. AES [AB0+17]. affected [LDPLC19]. Affecting [DVW94]. Affine [DR95, DRR96, Dja06, DQR+09].
Affine-by-Statement [DR95]. Affinity [TTG95, HD10]. after [DRR96].
against [SCC+06, XCH08]. Agate [CZPP16]. Agent
[Ser97, FCC07, GZMC08, Rao16, SS06, YZS15, YHWY18a]. agent-based
[FCC07, Rao16, SS06, YHWY18a]. agents
[AK06, CSWD03, FP17, KERUM04, MS05, SGAC14, SMO+18, BJ18]. aggregate
[AMT13, Yan09]. aggregated [WE13]. aggregates
[Chi95, Chi95]. Aggregation [MBMC19, BCO+12, CDR09a, CDR09b,
JBA15, JBS14, JHPL13, SSKS11, XHZ+10, ZSCX18, Zsa16]. Aging
[BM17a, LC14a]. Aging-aware [BM17a]. agreement
[AP16, GC06, HI12, LLW12, REK10a, REK10b]. Ahead
[PL03, mH14, SHL+13, TG04, TLL+18]. AHMW [BMT12]. AI [UI84]. Aid
[DBKF90, CVK+18b]. aided [SV18, ZMC06]. air [FL86, YBM13]. Airshed
[SS00]. Algebra [CD84, DVW94, KL01a, WM92, Eme13, FHL+15,
ICQ+12, JHPL13, SSKS11, XHZ+10, ZSCX18, Zsa16]. Algorithm
[AAP01, AE95, AM97b, AS94, AI01, AN09e, AS96, ABC+09a, ABZ95, Bai94, BCC95, BGR96, BS97, BPST96, BOSW94, BE95,
BDDL09, Bou02, BX93, BHR95, CLZ02, CGKK97, CCM01, CB99, CSW08,
CS93b, CP92, CTZ99, CF98, CRFS94, DA97, DM90a, DMB97, DS01, DS4,
DH94, DSAUM99, DLP99, DT97, FY96, FT94, GGN93, Ger98, GRR93,
GP00, GS99, Haw97, HH01, HB98, HO94, HM99, Hwa97, IZ95, JP95, Jia99,
JK00, KRSZ02, Kav02, KSA95, KK98b, Kau94, KF95b, KS97b, KW02, KA97,
KC99b, LP96a, LO94, LHV95, LP97, LWP02, MT97a, Mil99, MV94,
MSST99, NTA96, NM02, Par98, PE93, Par96, PL94, PB95, PM96, PR97,
PM92, RR95a, Ren11, RP95, SAOKMA02, SZ00b, SCC92, SR94, Shu95,
SM00, TU92, TZ00, WSR97]. Algorithm
[WD94, WA02, WLI02, XWC+08, YZY96, mYyF92, ZB97, AOS+05, AT03,
AA10, ALM+16, AA14, AA16, ALM11, AK07, ATH91, AGMS04, Ara90,
ADD18, ARDQ18, BFG+03, Bad04, BC05, BCF05, BS90, BCH15,
BFW13, BBD18, BH05, BBL04, Ca06, CR91, CDD10, CC14, CM03,
CV90, CK13, CLO17, CPL18, CS92, Che89, Cho90, CZ90, CRC+12, COF+17,
CSW+17, DFHH13, DK08, DK11, DDNS06, DLV11, DB08, DM90b, DB86,
En04, EE05, EDO05, FZWL12, Fei03, FSZ07, GLW14, GPX08, GGR89,
GT04, Gue86, GL12, GB06, GAOGH17, H90a, HES10, HSS10, HSS11, HSY10,
HR94, HLM+90, HVW16, HL07, HWY+10, Kal04, KR10b, KHW13, KK06,
Kim17, KM03, KA91, Koc91, KHI15, LV10, LSS88, LASS15, LMZ04, LLCZ19,
LO91, LTL12, LU14, LW16b, LB89, LP88, MD07, MM07a, Mar88, McD89].
algorithm [MMS09, MM07c, MP08, MMS90, NHO+13, OS04, OT86, PDP17,
PK05a, PB15, PHS04, PB09, QI05, RH05, RGD03, RT18, RBG17, RBH+18,
RDA18, RKS87, SRT09, SCJ+08, SMP17, SA08, SKK91, SM08b, SWW+17,
Tam18, TLQS12, Tål11, Ter16, TKHG04, TYA16, TSEFZ14, WLL16, WSH+03,
WJ07, Wan07, WGA09, WCG18, WCL+13, WWW17a, WJ12, gWW18,
XHY07, XL11, XQ07, XYZW14, XSYG18, Yan04, YME06, YWJ+18, YÖ11,
YSS11, YZLT09, ZZ90, ZWF06, ZQMM11, dOBB+15, CMR10, KM17, LY12].
Algorithm-Based [GRR93, mYyF92, BDDL09, LP88]. Algorithm-system [CSW08]. algorithm/implementation [HVW16]. Algorithmic [Gao89, SCB08, BBH + 17, CG11, JF12, LS05]. Algorithms [ANTE92, Aak95, ABM + 92, BJ96, BJ99, Bah00, BPJG92, BLVP95, BGJDL02, BAES92, BSDE96, BOP06, BPR99, BSS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CDY97, Cha94, CGO + 96, CDH84, COS + 95, CN93, CP91, CHR94, CWP98, CA95b, DS95b, DP98, DHB02, DP99, DM92, DMSH90, DFRCU99, DBKF90, DKV01, EP90, ESMG96, EMMM94, EL97, FTM + 14, Fer95, FR96b, FA95, FY97, FTOO, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HHM94, HQPT99, HCWS94, HR92a, HP97b, HO94, IK93, IK94, Iqb92, IM00, JW94, JS94, KRC00, KAM94, KLZ07, KG94, KA99, LHS97, LSH96, LHHB + 01, LLC02, MB96a, MMR89, MS94, MMVR97, Man97, MT96, Mat93, MHC95, MK92, MS98, MS99b, Nak95, Nas94, PAH + 98, PAJC97, Pov99, Pra93, QZ94].

Algorithms [QOvdG01, RS96a, RR95b, Raj01, RSS96, Ram92, RDS02, RSW90, SH90, SS96, San95, San99, San02, SZB92, SY01, Sto90, SYG92, Ten90, TVS97, TC96, TFP + 15, U9D6, VB94, VR95, WNA + 94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YMR93, dBL95, AL04, ANEA13, ASC + 18, Ara13, ACCP12, AAC10, AF17, ARZ14, ACFK07, BC06, BKC + 15, BBBC12, BMT12, BS87, BAS06, BOS + 91, BKCM17, BFG04, BRPR06, BP05, BM08, CM04, CP10a, CF88, CRH11, CNS03, Che86, Che05, CRS13, CRA + 08, CRD17, CB06, Cuz11, Cuz13, DS04a, DH91a, DJ16, Dja04, Dja06, DCA + 15, DKU15, DJT03, DM94, FHL + 15, Fen90, FBRW03, FGG08, FJSW90, FM85, FVCL05, GMMP12, GP07, GZY14a, GM14a, G890, G100, G89b, GW06, GS03a, GC07, GN15, Han89, HSSM07, HSV04]. algorithms [ICQO + 12, IC05, JMS86, JST12, JBM91, KR10a, KHT + 14, KJD03, KS08, KAP90, KSSG14, KK10, KMS10, KBK + 06, KS91, KMP + 06, KR11, LW90, LL06, LW06a, LN + 12, LS88, Lin91, LS91, LS03, LW07, LA04, LV07, LG08, LV88, LLS + 16, MM04, MP09, MCAS12, Neg11, MCT06, MRS + 14, MM07b, MS88, KM16, MGG03, MVV91, MSASA10a, MSA10b, MAR87, NTON12, Nik04, OA10, PKN10, PD05, PH18, PY09c, PL03a, PH16, PPSV15, PA04, PS14, PRG88, PS88, RCTCG91, SSM89, SS06, SM89b, ST87, SF13, SAF05, SZ05, SG08, SHRM19, SD88b, SSSV10, S807, TY90a, TW87, TK08, TW0812, Tur12, VAF19, VS16, WC91, WCWH03, Wh91, YZG18, ZGJ + 18, ZV09b, ZXR18, dVCP06]. Align [BR95c]. aligning [LV07].

Alignment [BRR01, CGO + 96, DRR96, Mii99, MJ01, SS94a, BBM08, BFKW13, BR91b, BMAR07, LC91a, PTZ06, SK09, SPRG + 12, SRT + 18]. alignments [BW09, ST85]. All-Output-Port [ST02, ST06]. all-pairs [KS91, DCA + 15]. All-Port [RJMC95, Dim04]. all-reduce [PY09c]. All-to-All [HP95, LHS97, LWP02, Ede91, LR03b, PW16, ZTFK16].

Alleviating [Tze91]. alliances [CDD + 15]. Allocating [BPRG04, Hag97, SEP96, SCS + 08]. Allocation [AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97,
KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SdS97, SP96, YL98, Zhu92, ALH+09, AKSM08, AAA+10, ADD17, ATZ07, ACCP12, AH06, BMB+08, BG86, Bat05, BSMH08, BSS+13, BPW05, CCA18, CDS10, CPLY18, DW12, DM90c, ERS90, GNT04, GRDB05, HWY+10, HB11, JL11, KR10a, KR10b, KHW13, KS18, LHF91, LC91b, Li05, LL10, LL12a, LL12b, LDP+14, MCC04, MLK+16, NVK+11, PKN10, PM05, PBS08, RLH03, SMM+16, SNC12, SCW12, SHL+13, SSM+06, SSVC10, SZB16, SSM+07, TFMS15, YYWZ19, ZG13, ZI08. **Allocations**

BE95, CT96, SSMS08. **Almost**

JBP00, SS95, EB13. **almost-optimal**

EB13. **Alphabetic**

LP96a. **alternate**

LS03. **Alternating**

BC94, HWY+10. **Alternative**

GW99, Pad93, Can18, CBV08, GB06, Ros85. **Alternatives**

BAHP01, NBSD99. **alternator**

LW06b. **ALU**

KF90b. **Always**

BRR01, AD10. **always-on**

AD10. **ambiguities**

RK18. **ambiguity**

LDS16. **Amdahl**

CN14, NZ17, SC10. **Among**

OO85, GM94b, KS03, MT93a, NMS93, ST12, ZYW+15. **AMR**

GW06, RV13. **AMTE**

HCM11. **Analyses**

KY96. **Analysis**

Abr96, Ano92a, BCV94, BCF97, BN94, Blu87, BDF01, BG89, CK98, CC91, CSMLM10, CAB94, DLLX97, ES96, Fra92, GM94a, GSG+93, GCM95, GC01, HLM+90, HCF97, HF96, IM94, JV09, KME92, Kop97, LW89, LDS16, MF94, MT93b, MM93, MS99a, MRR+02, MT96, MDD97, MHBW86, NM93, NMS98, OD05b, OS93, PD02, Pin01, PAJC97, RPS93, RKS87, SMM9a, SLP+98, SWP90, SWHB17, SHC93, ST08a, VSM96, WFC14, XL92, ABC+88, AFK14, AK18, BCFF05, BBH+17, BFG04, BFL+13, BC11, BM08, BF13, CK06, CSL15, CKT11, CH06b, CWL+07, CCW18, CPO+03, FC90, FCS91, FD86, FX06, G2G+17, GBA08, GHC+17, HRC09, HSH10, HA91, HB11, IKS87, IC05, JF12, JT88, JBM91, KME89, KA08, KK10, KKK+11b, KG04, KLL87, LMSK18, LdSB+18, Li06a, Li06b, LpJ+18, LZC11. **analysis**

LH05, LP88, MM06, McD89, MAKWZ13, MBO11, MEMEMH17, NSKN17, Pak89, PL06, PRHB06, Pl90, Pfe90, PL03b, PLK+18, RM90, RGU08, SMW18, TLY12, TMM06, VLW18, WSH+03, WF89, Wu11, XLW+18, Yan09, YH07, ZFS07, ZKZF18, ZPK+14, DFLO17. **Analytic**

BS90b, BS96c, Har91, Ale91, LWC+18. **Analytical**

DG94, HW03, QY94, SAOKM03, AHZ11, AP91c, Bat05, BFH09, KyLPC17. **Analytics**

AS13, AS15, CJ17, Eck88, KKKG14, PS14, PAG+18, VLGV+18, YLB+15. **Analyzing**

[CDR09a, CMT92, HcF05, KG94, LMCF90, LB12, MSH90, MBH+08, RB12, WXZ05]. **Anatomy**

[ZBF05]. **Anchored**

[KSM03]. **anchors**

[MKM16]. **AND-parallelism**

[DeG88]. **AND/OR**

[RP95]. **Android**

[TY17]. **Animate**

[MBL+92]. **Animation**

[RGS00, JdSJC+15]. **Anisotropic**

[PSE+01, El07]. **ANMR**

[BML17a]. **Annealing**

[Bev02, BA92, HB97, RSS96, Soh96, XH91, AH06, BG89, dADC18]. **Annotated**

[KBC+01]. **Announcement**

[Ano93a, Ano96k, Ano01c, Ano01d, Ano01e, Ano01a, Ano01b, Ano02a, Ano02b, GHS96, Kai92, Ano00a]. **annuli**
Anomalous [MSH90]. anomaly [DFP06b, IZ12, KKTZ13, MBR19, RLP14]. anomaly-based [MBR19]. anonymous [AFM09, FKK+04, KS13, MSJ05, XLG+06]. answer [BYG+18, OYEY07]. Ant [COV13, CGN+13, CLA+18, DDGK13, RL02, CCK11, Ski16]. Antenna [CCHC09]. Ant [GSASA19]. Ant-spoofing [GSASA19]. Anticipative [WLID02]. Any [RCY97]. Apache [KKH17]. APHID [BS00]. API [HLS12]. Appearance [Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p]. applicability [Can18]. Application [AS97, AYIE98, BB03, BSS97, CCHC09, CCK11, DDGK13, RL02, CCK11, Ski16]. Application-aware [HMV07]. Application-based [BB03]. application-level [VD04]. application-sensitive [CP05]. Application-Specific [PP92, SK93, SS94b]. Applications [ABDS02, Ano96i, AFT+00, BOSW94, BMRC98, CCRS92, CA95a, CDF01, DRC90, DS84, EH01a, FR98, FBK98, GCB+00, GT02, HS94b, KR97, LLS93, MHC95, MB92, MBK+92, NB93, NSPPC02, OS96a, PGRP17, PJ18, RS92c, SSOB02, SFC17, TFV+15, UZZS96, VIH93, WMG01, We02, ALM+16, AOKS08, ARM+05, AC16, AGM06, BBCLL04, BCD+15, BAS06, BHLT14, BM40b, CCA18, CCC+04, CGL+14, CGM14, CC08, CSML10, CP05, CBM+08, CP10b, CCM+06, CDAN14, Dim91, ED005, ESA03, FCML13, FP14, FMR15, GQZ18, GLC14, GYAB11, GVBB13, GTN+06, GST09, GA08, GRR13, HZZ+19, HC09, HSSL04, HA01, HL07, KDJ03, KHK03, KAS07, KBC+10, Kri91, LWCC15, LFGM17, MMAL+06, MA19, MLK12, NNB+18, NMS+18, NVK+11, NC13, OYKT12, Oza04, PMCM+17, PH18, PMAL11, PA15, PCLP16, PLL+03, PP04, RC81G, RJKL11, SV08, SM89a]. applications [SCS+08, SWW+17, SR16, SSGZ13, TP18, TPLY18, TDM05, TOR+14, TKX+13, Ul84, VB08, VM03, WR+18, YH07, ZVL11, ZZJ+18, ZSW14, XZMR18, dSS11, FM+14]. Applied [CB06, BDDL09, EE05, HSSL04, PR06]. apply [NZ17]. Applying [PEC95, CCK11]. Approach [AIL95, AM93, Bevo02, BR02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FKT96, FKKC97, GG94, GZ97, HC97, HLJ98, KCRB99, KSB94, LS95, LW95, LMLC98, MSSE02, RJY96, RAS96, SL95, SP96, SZ00a, TC92, WSRM97, WA02, Won99, WLD02, AP91c, Ara90, AFD+11, AH06, AJG18, AS18, BM11, BAS06, BW09, BCK+13, CTS17, CvdBL+08, CHX+17,
approach [YDTZ18, YWG15, ZHH15, ZS13, ZFL89, ZTGL17]. Approaches [CHGM01, FMIF18, QM01, CB11, DBA+18, KERUM04, KA05, PR06, Upa13, dGP06]. Approximate [JSS92, LHW14, LRS18, ST12, CLOL17, JHL+18, KERUM04, MM07b]. Approximating [FMM08, PBS08]. Approximation [FV97, GM14a, HP97b, JST12, LLCZ19, Mat93, DKL15, FZWL12, LVP08, LW06a, MK08b, PSR08]. Approximations [Gon98, BFM06]. Araneola [MK08a]. arbiter [Bhu87]. arbitrarily [ZV06]. Arbitrary [ERL90, KA97, SS95, YZY96, Ara90, BCF14, SGE91, Wag89, FII04]. arbitration [ASD09, HRG+11, KS03]. Arc [CA95b, Ros89]. architecting [CCC+04]. Architectural [DZD01, GSP02, HPT+97, KC99a, MT96, MG93, TGUC96, WSS93, FZC+05, JBY+05, NXT17]. Architecture [AGW01, ABZ95, BBD91, BAHP01, DH95, DB18, Gao93, Ger98, GBES93, GM95, HP97a, HGCC96, IWM97, KC94, LBL95, MS00, MAM05, MKY+97, MO97, MT85, MEMEMH17, NEG85, OD95b, OY00, Pad93, PSGS17, PS01, STN92, SSYG97, SH98, VS99, YPCW16, ZHY94, Ziu96, ACYS08, AA10, AA16, AC89, ABO+17, BJS18, BB87, BGA12, BCCQ13, CCQ+06, CMLRL15, CTCX08, CCEB03, CDJ+89, CS17, FSP18, FCS91, GRZ+18, GHS86, JS86, JXW06, KK17, KNNH18, KH12, KRL87, KH89, LLKY13, LAD+96, LHHH11, LLY15, LZSL06, MCM+11, MM07b, MYD+11, MBH+08, NP08, NKV14, PPP14, PCMM+17, PK05b, PYP+10, PGP+12, PTK+13, SDDT04, SZR+18, SR88a, SAB+92, SLKK12, SR91, WTWZ16, WL92, XJS03, YFBY17, ZV09a, ZMJ17, ZPK+14, KCS18, VRGS17]. architecture-based [CTCX08]. Architectures [AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBdCD00, DUSH94, DMSH09, DS02, DT01, DRSB01, DT92, EP90, EL97, FT+14, FPS12, FY97, GG893, KS95, KM97, KG94, LB90, LC90b, LR93, LR94, MSi+95, PP96, PA94, PD92, SH90, SS94a, TG99, ZMPE00, ZL93, AA14, AP03, ABC+09a, ABC+09b, AG12, BK+15, BS87, BYG+18, CCK88, Che86, CGC16, CkLC04, CkLC05, CJ17, CPO+03, DKRC+15, DU15, FSPS11, FT+19, GSWW04, GS91a, GMS+13, GMSS+11, HDMC11, HSW04, JJ12, Joh87, Joh91, KHT+14, KF90a, LM05, LS88, Lla17, LVB07, MSGS+13, MP10, Pad91, PR06, PLD87, RTCG91, SLG06, SS94b, SGdSS13, TKHG04, TRS+12, VM03, WQZ+13, WJD91, vs91, TFV+15]. Archive [FTK14, JKiE13]. Area [BCD00, CLR90, CDR12, KF95a, NLR86, We98, ABO+17, CHCG18, HZY04,
HL07, JKV15, KCD08, KMF+05, LdSB+18, LMJC11. Area-maximizing [CDR12]. Area-Time [NIR86, CLR90]. Ariadne [MM15]. Arithmetic [AK93, CL88, Dav17, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, Sii90, SL90, Tay87]. Arithmetic/logical [AK93]. ARM [AG12]. Arnold [Ano00d]. arrangement [Lin03, NAK04, Ten16]. Array [AW95, BCF97, BL90, CT93, CWW+95, ER97, GHS96, GE94, HQPT99, HCS+00, HCZ04, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, Mill99, MJ01, MBK+92, MT97b, NKV14, OM90, RSB96, Ste95, SOG94, Tse90, WS99, Win85, dr09, BB5b, BPP05, CS10, DS04a, GP05, Lee91, Man13, MM07b, NAK04, PL87, SL86, ST87, SCC+06, YTH07].

array-based [CS10]. Arrays [Ann94, BAGS95, BPST96, BO2, BR95c, CGO+96, Cor93, GP93, GW99, Guo94, IPK85, KLS90, KEA95, KL84, KBG92, MM00, MD01, MT93b, MK93, MFS93, MFS96, RFM94, RCB93, Swa98, TBV00, TC96, WCF94, WHT00, BBD90, Can18, CL03b, DMFCM03, DEh90, Dja04, Dja06, EL91, GMH+91, JWSG14, KT89, KT91, KLL87, LB98, Lis90, OT86, RIZ90, SSM89, Sch98b, ST89, SKK91, Ume85, WAS88, WCF14, XSL11].

Art [KM92, PSC+16, WCO+09]. article [Ano96l, Ano97k, Ano00d, CS93b]. artifacts [LZ08]. Artificial [MT85, NS92, Pin01, TVO92, KH98, VO89, VM95]. arts [NDW17, BNSP99]. ary [BV00, DP00, Lat98, LLFJ18, PK04a, RP98, SAOKM03, SHL95, SJJ91, TT98, WS97b, XL95, YTH07, YD98]. AS008S [Ano04c]. ASAT [SEP96]. ASCEND [Nas94]. Aspect [BZLI04, MO97]. Aspect-oriented [BZLI04]. aspects [Gao89]. Aspen [UMM+18]. Aspen-based [UMM+18]. Assembling [KESA07]. assembly [ABC07]. Asserting [ASST05].

Assessing [BCD+15]. assessment [CG17, FGL+11, LC14a, LY08, SJRVVVS19]. Assign [CYZ06]. assigned [HMR15]. Assigning [CCK11]. Assignment [Cza13, HBCM99, HB07, KL97, SS10, SS93, Ste95, VWHL96, WW97, ABBD14, Bat05, BPRS04, CS10, GOZQ8, GDL+11, GZ14a, JTTZZ1, Kim11, LXL11, NDP13, PL15, QGL+09, SLKK13, UAK106, WW18b, WZ91, YZX11]. Assignments [LL98, Sin87]. Assisted [HLLYN95, GM13, HMY+18, KO12, LVP07, MBBD13, NS12, RG06, SRT+18]. Associate [Ano16k]. Associations [GPJA10]. ASSOCIATIVE [AA93, DM92, NSM98, Par96, PL98, TFCB10, VR94, HDCM11, Kri91, LL90, SR88a, SI98, YBM13]. assumption [Pen11]. assumptions [MS15]. Assurance [BK08, WLL08, XY07]. Asymmetric [BNS00, ZR00, KNHH18, SPC+17]. asymmetrically [ATKT19]. asymmetry [APS91]. Asymptotic [GM94a]. Asymptotically [Li10, Dja04]. Async [ARP18]. Asynchronism [UD96]. Asynchronous [Bah00, BSS99, BS00, CS95c, CA95b, ESMG96, KVNV17, MS02, MM93, M94a, MR94c, OY00, TP18, The02, WT92, ATDH13, BB03, CPA+11, CRC+02, DGFGK05, DBCF13, DB86, DPBNT12, FKK+04, GLG12, IRRS16, Kak15, KMS10, KS13, MM04, MEMEMH17, RV13, RL03, SMO+18].
Asynchronous/Synchronous [OY00]. asynchrony [WCYR08]. ATAPE [PW17]. ATExpert [KW93]. ATM [WR97]. atmosphere [KVNV17]. Atomic [HV95, JBP00, WR95, van96, BOT13, GNS09, HV09]. Atomicity [NA02, RH12]. attack [BK18, JXW06, KCFP18]. Attacking [ZWY+15]. attacks [CH06b, KMMZ06, LLWC17, SCC+06, UGG+11, XYG07, XCH08, XYY13].

attention [PLSM18]. attribute [LSS+11a, LSS+11b]. attributed [LKB+15]. attributes [Par05]. audit [GVBB13, RA11, ZG13]. audit-based [ZG13]. audio [WIR+18]. Audit [HLS12]. auditing [XLC+18]. augmentation [BCH15]. Augmented [MKY+97, KM17, KAA+19, Lo92, MKW18]. Auralization [FJ93]. Aurora [Lu01]. Authentic [GPJA10, SZMK13]. Authentication [ZBR11, BDM18, CL09, LMJC11, NC09, PRN+19, TODQ18]. Author [Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano99a, Ano99b, Ano99c, Ano99h, Ano00b, Ano00c, Ano01f, Ano01g, Ano01i, Ano01h, Ano02c, Ano02d, Ano03a, Ano03b, Ano04b, Ano04a, Ano10a, Ano11j, Ano12m, Ano14f].

Author-Title [Ano98l, Ano99h, Ano00c, Ano01i, Ano01h, Ano02d, Ano03b]. authority [ZCMY12]. Auto [PSB+19, CXX+18, KKR14, KGN11, MBR19, TLL+18, VL+18].


automata-based [EM11, RT18]. Automated [NM95, NC97, CV16]. Automatic [ABCM07, AD12, CGO+96, DHR96, HZZ+19, KBC+01, LC92, LZZ+11, MJ01, NCB+17, SEP96, AAD05, AM17, GLC14, GFPC14, MLCFH+18, NVK+11].

Automatically [DR98, TG99, DSEP17]. automation [HKK+18].

automaton [Cap87, LSZZ15, Pet18]. automaton-based [LSZZ15].

automorphisms [DH91b]. automotive [RAN+17].

autonomic [AZC13, ATZ07, CP05, LS10, RDA18, XRB12]. autonomous [CKT11, CKMP17, WZZ+17, XCH08, ZV09a, ZWW17, OYE07].

autonomy [LFH+03, ML89]. Availability [HJD+01, LS01, AGMS16, DB08, Fu10, HOE+09, KVA18, LKM12, LAC18, PF08, PMMA15].

Available [NKC+97]. Average [DF95, Li06b, MDD97, NSM98, Li06a, WWW17a, XKB07]. Average-case [Li06b, Li06a]. AVL [MD98]. avoid [DP16]. Avoidance [MJ94, BB85a, BPRS04]. Avoiding [SL13]. Award [Ros07]. awards [OY13].

Aware [ALF03, DR18, DKK18, SDS+18, AH12, AYB+15, BM17a, BPA06, CWZ+18, CCW14, CWP12, CHCG18, CKML12, EB09, EHL+15, FCW11, FCJG+18, FGZ03, Fu10, GQZ18, GPSh19, HMV07, HMR15, HK05, HK04, HWL18, HV13, JAB12, JHF+17, KKK11a, KK11, KCR14, KD08, KBC+10,
awareness
[HRH18, LWZZ12, LR03b, ZXGD18].
Axiom
[ABLP17].
Axiom-based
[ABLP17].
Azriel
[Ano04r].
B
[CWW+95, CY96, GM95, HS94a, Meg91, OC07, PPC04, WW96].
B&B
[BMT12, DBA+18].
B-Spline
[CWW+95, CY96, GM95, Meg91].
B-Trees
[HS94a, WW96, PPC04].
back
[HPSM91, KMMZ06, LKD14, WMES12].
back-end
[HPSM91].
backpropagation
[KMMZ06].
backtracking
[AKDMN15].
backup
[AOSM04, HOVC09].
bak
[GJP96, LT94, NFE97, PB99, SAB96, NFE97, BV99, GHY10, LCW05, SB15, XYK08, YMLP14].
Balancing
[Ano97j, BEE00, DHB92, DMB97, DLLX97, DSW94, Efe96, FMP98, FLS+97, FM99b, Gil94, GM96, HILLY95, HIL99, HOS94, HC97, JR92, KGV94, LK94, LHVV95, MP96, NSL99, OB98, QY94, SH92a, SHT+95, SB97, TSSH01, Wan96, WS97b, XL92, XH93, XL95, ZLP97, ZM94b, AES11, AGMS04, BCV05, BF09, BFMT+8, BRPR06, BD04, BM08, CSWD03, CBD97, CRC+02, Cy89, DB11, DLW+12, DM94, EEO5, Gao89, GLC14, GC05, HJ90a, HLM+90, IC05, JL05, JW89, KKS08, KC04, LTB02, LTL06, LK03, MPV12, Mor70, NHO+13, Nik03, PC11, PA04, PRN+19, RN04, SB12a, SX08, TVT+17, YJL16, YAA10, ZV06, ZV14, ZSW14, ZXP09, ZLMC14, dG91, vS91].
Balls
[BBFN12, BBFN14].
Bandwidth
[BK97, CKA97, PC99a, BHK17, CCHC99, DK04, HJ96b, HWY+10, HB11, MSK+16, SSG18, YYY19].
broadband-efficient
[BHK17].
Banerjee
[PKK91].
Banerjee-Wolfe
[PS96].
bank
[GL+09].
banker
[MMS90].
banyan
[PL06, Kop97, WN94, Yan00, NY92, YL89].
Banyan-Hypercube
[NY92].
Bareiss
[HM99].
bargaining
[GRDB05].
Barnes
[SHT+95].
Barrier
[CH95, JLRA97, OD95b, RSS99, XMN92].
barriers
[HS12].
Base
[DKMV01, RB08, DDNS06].
Based
[AE95, AS00, Ano99g, BCD95, BPJ92, BGJD02, BMM97, BN02, BR02, BA92, CGKK97, CC91, CRV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKK97, GS01a, GRR93, Gup92, GS01b, HP00, HB97, HK01, HSJP87, KCRB99, KSP+92, KCD295, Lat95, LAZ00, LZ02, MSC96, MB93, MG98, NTA96, NB93, NM02, OM84, Pad93, PN97a, PN97b, PA97, PL95].
PM96, PAJC97, RL96, RSD94, RMC97, RSBN01, SMR96, SSRV94, WLY01, WSRM97, WSA+94, Won99, WLID02, XH91, mYyF92, YB01, Zia92, eW95, APRA18, ASA18, AA10, AL04, ASM09, ASKTZ13, ALLM11, AHG12, AK07, ARM+05, ABC+09b, ATZ07, AYB+15, AP16, AK18, ABLP17, ABF+14, AJG18, AS18, AVAH18, BCM06, BJPPM+08, BDM18, BB03, BNNR16, BOY10, BCMV15, BCH15, BDRB14, BFKW13, BYG+18, BK18]. based [BAT+19, BDDL09, BEN12, BM08, BYH+17, BBB11, CL03a, CWZ+18, CG12, CLMR15, CK08, CK13, CVK+18b, CTCX08, CP10b, CS10, CHX+17, CLOL17, CXQ+18, Chi05, CL09, CVJO9, CHC05, CRJ10a, CGW+03, CZZY09, CJ17, CTT16, CAF+11, CKMP17, CRD12, DBA+18, DKKV15, DE91, DB11, DR19, DWB+18, DKC14, DRST02, DRT07, DWYB10, DQR+09, ED ¨O05, ESGQ+14, ESGQ+18, EM11, ECP+18, FLL14, FCL13, FCC07, FLGB10, FGL+11, GOH+13, GMMP12, GPJA10, GTGLSA12, GBA08, GL12, GSASA19, GA16, GNZ18, GRZ+18, GMXA07, GXYZ13, HW03, HBS17, HV09, HC09, HRH18, HLM+90, HWY+10, HZL18, HMY+18, IIIH16, IIH+17, JXW06, JP09, JTC+18, JBY+05, JM14, KKV05, KKR14, KERUM04, KJD03, KyLPC17, KA08, KKS+12, KKLJ14, KR06, KKTZ13, KC04, LC14a, LHKL03, LdSB+18, LSH+13, LLLY08, LL07, LZI+11, LM1C11, LW16a, LLWC17]. based [LNW+12, LS03, LU14, LHT08, LZC11, LSSZ15, LZY+18, LCJ+18, LDDL15, LPLFM+12, Lop18, LACJ18, LAC18, LYB07, LS06, LP88, LLLY18, MCC04, MG+06, MAGL13, MM15, MP10, MMS09, MAKWZ13, Mit07, MM07c, MBR19, MBO11, MH18, MSAZ10a, MSAZ10b, MH+08, MRR07, MZZC12, MCZ14, NSKN17, NJ91, NCA+12, NTK12, NC09, NHO+13, NC13, Nic07, NAK04, No12, OM10, OJP+18, Ozt11, PRP09, PARB14, PLSM18, PDP17, PK05b, PMAL11, PVP06, PF04, RLP14, RT18, Rao16, RA11, RTZ11, RDA18, RSCQ17, SMW18, SSM+16, SMPMLVS11, SSH17, SC10, SS06, SP08, SPH13, SX08, She09, SLW10, ST12, Sk16, ST58, Suk18, SK11, TR89, TBM+17, TFMS15, TW15, TKKH17, TC13, TJCB10, TWQS12, TT07, Udd19, UMM+18, UM17, VD04, VETT18, VMMB10, VB08, VS18, WCC02, WGC09, WW12, WCL+13]. based [WRW13, WYY15, WWW17b, WML+18, WMC+18, WWY+18, WXZ+18, WIR+18, WMG13, WD18, WD13, WLLLW09, WCCH18, WWA+18, XHY07, XCLR07, XLHT13, XO05, YWJ+18, YL12, YHYW18a, YHYW18b, YYW+18, YAA10, ZG13, ZGJ+18, ZCK+02, ZV09a, ZAZ017, ZFT+18, ZW13, ZPK+14, ZLL14, ZV12, ZGG+14, ZXGD18, dSAJ15, dAAD+19, dGP06, SM92a, WAS95, ZNQ93, HRF+11, HC91, KKS08, PLD87, TOR+14, ZB11]. bases [GPT06a, SK90]. basic [BM04a, Joh87]. Basis [TR96]. Batch [LL08, CMR19]. batched [CK06, HSH10]. Batcher [NT93]. Batching [DSST95]. Bayesian [DKC14, FRBR03, LWC+18, NZA13, SHK19, YWAT13]. be [BNP02, HBS17, KSSK16, STKW12, BGA12]. beacons [DWX10, TDC05]. Beamforming [BL90]. Before [HCR12]. Behavior [Abr96, BDF92, BN02, BST01, CMT93, FJ93, LZ08, ACD+18, BS92, CL14,
Behavior-Based [BN02]. behaviour [CMMN10]. belief [HMY+18]. Benchmark
[PAJC97, DMS+16, GN15, GREC91, Num07, Num08, Num09, WRHR91].
Benchmarking [BRR13, KA99, YYLC11]. Benchmarks
[WAS95, HZZ+19, JV06, KC17]. Bends [OS97]. Bene [CI03]. Benefit
[BHK17, Wei02]. Benefits [FR92, SS99, Wei98, GK04]. Benes
[DD97, Qia97]. Best [BE95, Mue13, OY13, Phi13, Rob09, SP96, Sni03, Bar05, FPP+08, MAM05, QGZP17, WAE03, Ros07]. best-effort
[Bar05, MAM05, QGZP17]. Best-Fit [SP96]. better [AM06, STKW12]. between [BVB02, BJS03, CG86, DB86, FII04, KNS91, LCB16, LCDZ07, MP15, NM17, PHS04, RGD03, XS11, ZXGD18]. Beyond
[LdPLC+19, CC14]. BFS [BCMV15, DJ16, RGAN18]. BGP [LXW+11]. bi
[AM11, MMK+11]. bi-objective [MMK+11]. Biased
[ZGG+14]. Big
[AS13, AS15, APK18, LWWQ18, SFC17, ACPT15, Eck18, FRM15, KKKG14, NXXT17, RBA+18, SMW18, WWW17b, YXB+13, ACB+15]. Bimodal
[KC95, UM17]. Binary [AS94, CS95a, D93, Efe96, HIKM94, HKMU98, HM01, HR92a, Iq92, JH94, LF96a, Li92, OO95, SYO94, Wag93, ASC+18, BL89, Can18, CJC10, DH91a, LFZ+17, Wag99, WD18, HRJ94]. Binding
[MPZ09, MCT06, dVCP06]. biological
[AFM03, BBM08, BA06, BW09, BMARW07, SK09, SMB10]. biologically
[FTM+19]. biology [AB03b, TZ06]. biometric [CNLGLR18, GSASA19]. Bipartite
[DS84, LPS+98, DKU15, SM89b]. bipartitioning [ERS90, PB15]. bis
[Fen90]. bis-sequential [Fen90]. Bisection [AK17, ZGG+14]. Bisectors
[BE00]. Bit
[HPT+97, MO97, MT97b, SI91, CL90, Ede91, GPX08, KM88, KIH15]. bit-parallel [KIH15]. bit-pipelined [KM88]. Bit-Rate [MO97]. Bit-Serial
[MT97b, SI91, CL90]. bit-substitution [GPX08]. Bitonic
[BM14, FC991, TW15]. Bits [GH96, HV09]. BitTorrent
[PSC+16, BE13, SGAC14]. Blackboard [CC91]. BlackOut
[NAB+95]. Block [ADV14, CT96, FBK98, GHSJ96, PT97, WSA+94, ATEH13, BW08, DAB+14, FLCB10, GPX08, KR06, MRT18, PP13, Sch87, SPH13, SZW05, WZZ+17, XLW+18]. block-asynchronous
[ATDH13]. Block-Based [WSA+94, KR06]. block-level [FLCB10]. Block-Structured
[FBK98, DAB+14]. Blocking
[BHK+94, ASES15, CASD18, DBA+18, ESGQ+11, KR17, MPN17, QS05]. Blocks
BMMI [SJG19]. BMMI-tree [SJG19]. Board
[Ano18v, Ano18w, Ano18x, Ano18q, Ano02f, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a]. Board
[Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18u, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18s, Ano18t, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19i]. Body
[HP95, SHT +95, CHCG18, IHM05, YJL16]. Boltzmann
[KA89, WCO +09, ZA91]. Bone [AFK14]. Boolean
[ESCV15, HJ90c, JH92b, OT19]. Boosting
[AC16, FGP05]. Border
[DRST02, HR90]. Border-based [DRST02]. both
[WTY +18, WAE03]. Bottleneck
[WW98]. bottom [LXZ13]. bottom-up [LXZ13]. Bound
[GZ97, PM96, AMM +18, CH06a, Kub17, Li19, MCC04, SCS +08, SW90, YZLT09]. bound-consistency [Kub17]. Boundaries [Wor93]. boundary
[Lin91, RBD08, SCC +06, SMP17, TRS +12, ZQMM11]. Bounded
[AW95, BBN93, CLT96, GP97, Fra93, SN93, BD05, BPRG04, JM14, LMZ04, MRRT07, NP09, Sta17, TK07]. Bounding [Lun99]. Bounds
[ADS01, BBH +98, DL98, JR95, LPS +98, LP95, Lun94, WW97, FT04, FSZ07, ITT04, KMS07, LXLS12, LYW +16, Mat06, NDP13]. brain [ROB +18]. Branch
[GZ97, MCC04, PM96, AMM +18, SCS +08, YZLT09]. Branch-and-bound [MCC04, SCS +08, YZLT09]. Branches [ERA95]. branchy [LNC13]. breadth [MB13, ZCS +18]. breadth-first [ZCS +18]. Breaking [FJ93]. Breakpoint [dADB96, MT97a]. breast [HES11, XTN12]. Bridge [HR00]. Bridged [EAL90, LCM +06]. bridging [BJS03, KLJ +11]. broad [LMB +17]. Broadband [XP10, XTN12]. Broadcast [DHB02, OS96a, Pel95, RS96a, RS92c, San99, VB94, AA10, BG05, CB15, FVLB09, KYS13, KG10, KRN89, LDZ +14, LDZ +17, LSWC14, LSZZ15, MT14, MPS16, MRRT07, PYF08, SGS08, TR08, WWW17a, WIR +18, WL05, dAAD +19]. broadcast-based [AA10, MRRT07]. Broadcast-Efficient [OS96a]. Broadcasting [BNS00, BPvW96, BMM01, BOS +95, CW00, CCC92, DLP99, Fra92, FV97, GP97, HIKM94, Lat98, ST02, ST06, SCD99, Wu94, dBL95, OPP00, Che05, CMS04, FMR05, HSO6, Ho91, KR87, LR03b, LSWC14, OKW14, SZ03, Wu03, ZA05]. Broadcasts [WD92]. Broker [HR00]. Brown
[DTK11a]. Browsing [SF90]. Brujin
[ANS97, CT96, FT04, HOS94, MVM04, Swa98]. Brunotte [T´at11].
Brzezinski [Ano96]. BSP
[CT99, GS98, GLC01, HH01, HM99, KP00, RGD03]. BTS [BKK+11].
Bubble [DF94, PIB+01, GNZ18]. bubble-type [GNZ18]. buddy [LC91b].
budget [ZVL15, dR09]. budget-aware [ZVL15]. budgeted [Sta17]. Buffer
[FM99a, HV95, MSSE02, PY09b, WLID02, BPW05, CHX+17, HV09, IH116,
PBS08, SCC+06, WCWO17, WYW15]. buffer-based [HV09].
Buffer-Optimal [HV95]. Buffer-Safe [FM99a]. Buffered [AA95, KJ84].
bufferless [BMIM07, LLT12]. buffers
[DW04, EKNS17, HM06, WAS88, ZCF+17]. build [ZHH15]. Building
[Haw97, IK93, JK111, SK93, Suk18, ZW13, CZ90, HSS10]. Bulk
[GV94, Lu01, FXW03]. Bulk-Data [Lu01]. Bulk-Synchronous [GV94].
burst [WCWO17]. Bus
[CKL99, DVZ96, FZVT02, FY96, GK98, LPZ99, TVS97, VB02, dR09, BPP05,
CLM90, D004a, JSWB92, M588, MHBW86, TCJ10, YB90, YGZ+10].
Bus-Based [CKL99, TJC10]. Bus-Connected [DVZ96]. Buses
[CL96, HQPT99, IM00, KC98, LS94, NS94, TVT96, TBPV00, WHT00,
ZLP01, BG16, Car90, JW89, KRL87, Mat06]. Business [MBS+12].
Business-driven [MBS+12]. Busy [SP96]. Busy-List [SP96]. butterflies
[Cl03]. Butterfly [JH94, VAF19, TDM05]. bypass [dOBG+15]. Bypassing
[DKK18]. Byzantine
[CBV08, DPBNT12, HC11, IRRES16, LHW14, MT14, PP06].

C [CD98, DZDZ01, EFG+14, HCM11, LS85, ZH99]. C-AMTE [HCM11].
C2FPGA [CSJ+13]. C3 [Ano04e]. C3- [Ano04e]. CA [Chi95]. Cache
[DS95a, D99, DKK18, GS96, HP97a, LY98, LF92, NB93, PL95,
PY96, RL96, San95, TTT95, Yan93, BW89, CWL05, CK13, CDAN14,
DO4, FABG+19, GJG88, GVA+08, HCM11, HZY04, HC09, HSMB91, KK11,
LC11, LZLX11, MYY17, MPG17a, MA11, SYYU07, SS17, VRG17,
WLZ+18, YCC05]. Cache-Affinity [TTG95]. Cache-Based [RL96].
cache-coherent [SYYU07]. Caches
[DS95a, YAS98, ATKT19, DMI+19, EHL+15, NSAS10, RFPAG08, SD91, SS17].
Caching [BS96b, BS96c, CS17, KC99a, KE93, MM93, BLPA05, CR96,
FCW11, FCML13, LAK10, LV07, MA11, OC07, TC03, TC13, ZVL11].
CAFES [MCM+11]. calculation [SL90]. calculations [HT90, KVN17].
Calculus [PL98, SC95]. calibration [MMAL+06, SDG17]. Call
[Ano06a, Ano95a, Ano96], Ano96i, Ano97i, Ano97j, Ano98i, Ano98j,
Ano99a, Ano99d, Ano99de, Ano99f, Ano00a, Ano01c, Ano01d, Ano01e,
GSC96, LGK+12, RKK06]. Calls [Ano98k]. Can [KSSK16, BNP02, HBS17].
cancer [XTN12]. Capabilities [Fra92, MMR98, TV092, FEH+14, RBN11].
capabilities-aware [RBN11]. Capability
[Guo94, JLWX11, SP96, YWP00, BJ15, Ho91, HK04, dOBG+15].
capability-aware [HK04]. capable [SMP17]. Capacitance [YB01].
Capacity [ACD+93, MO97, TODQ18, ACCP12, BKK+11, JHPL13].
Capacity-aware [TODQ18]. capture [BOT13, JXW06]. Capturing

Carry-Lookahead [NIR86]. Cartesian
[GOH+13, ANS97, Dim04, ISAZ10, MSAZ11]. carving [RFS+08]. Cascaded
[Wi90]. Case [BAO1b, GT02, HPT+97, MS99a, NMS98, PP13, SSG93, WNA+94, WLR90, AGMS16, AES11, BJ18, CCK+08, CHLL18, DI91, FRM15, GHR+05, HHR13, HA91, Li06a, Li06b, PCMM+17, ROE+18, SJVRVS19, TaAR18, WLCZ15, WMG13, ZKZF18]. CASS [FPS11]. Cassandra [PMMMA15].

Categories [Cou93]. Causal
[CLZ02, MT97a, PRS97, RS92c, CZZY09, EDH+17, FJC04, dAAD+19, HCR12]. Causality [MCS14]. cause [LXW+11, MBR19]. caused [Zha11].

Cayley [BS03, WLD00]. CBase [ZLZ+19]. CBIR [BRPR06]. CBT [GS01b].

CEFT [ZJ06]. Celeste [BCK+09]. Cell
[CB99, LWCC15, LTKS90, BGA12, XP10, XTN12]. cell-centered [LWCC15]. Cell/BE [BGA12]. cells [FTM+19, Lis90, ZPK+14]. Cellular
[CS00, DL01, DKMV01, Oru87, Tan84, ZR00, ANEA13, EM11, FCG04, GKS15, GMXA07, LMSK18, MAM05, PSRS12, Pet18, ZBW+17]. cellular-based [GMXA07].

centres [AG12, AK18, GYAB11, MB19, MLK+16, OJP+18, RT18, TTV+17, YAK15, ZV14, ZV12]. centrality [JL11, SSKC¸15, WBT13]. centric
[BFH+17, CGC16, FP03, SCW+18, ZLZ+19]. centered [LWCC15]. centers
[AG12, AK18, GYAB11, MB19, MLK+16, OJP+18, RT18, TTV+17, YAK15, ZV14, ZV12].

Channel
[AM95, BNS00, BPRS04, BKT95, CS00, DSST95, GCKM97, HP00, JK00, KKGS01, LM96, LWLD12, PA97, SSZ10, BGLA03, CCHC09, CLL09, DRT07, GDL+11, GZY14a, GZY14b, KKK11a, Kim11, ZMG+16]. channel-based [DRT07]. channels [CK06, KS03, Lee03, LSWC14]. chaos [DZC17].

chaos-oriented [DZC17]. Characteristics
[DKK18, LHVW95, BCD+15, GF89, Jv06, LTD+93, LF03, RGAN18, SCK03, SWHB17, VM03]. Characteristics-Aware [DKK18]. Characterization
[BF01, KS94, MR94b, RJA97, WP02, DWYB10, LJ86, SR90, WH08].

Characterizing [HRF+11, MS96, ZSW14]. Chare [SK91]. Chasing [YZW96]. Check [MC17, LXW+11]. checking
[BBBC12, CM04, CAAK13, MMN+18, SSS07, SCS+06, XYZW14].

Checkpoint
[LACJ18, PT01, JLM08, MM04, NC13, PGW06, WCWO17].

Checkpoint-Restart
[LACJ18, NC13]. Checkpointing [ARVZ14, PDK2, WF96, AAFV04, BCC+18, JLM08, LM09, MM06, MM07a, QS05].

checkpoints [AD10]. Checksum [Par92]. CHEMAS [XYG07]. chemical
[CP10b, MMAL+06, XLHT13]. Cheng [Ano93e]. chess [WW18b].

chessboard [El07]. Chief [Pra16]. Chinese
[XLW+18]. Chip
[ASH+01, BJS18, BYG+18, DJDK19, DR19, DMS+16, GJ12,
WLL16, ZBF05. cluster- [SAOKZ05a, SAOKZ05b]. cluster-based [FLCB10, HW03, LÜ14, MBH+08, PVP06]. Cluster-to-cluster [JKV15]. Clustered [CP99, MF94, GZY14b, HRC09, Lop18, NS12, SFT+13, Wan06]. Clustering [ASM09, GSY92, HJ07, TZ07, TM10, WSH+03, WHT00, ASKTZ13, AYB+15, AS18, BM16, BM17b, BF13, CDDL10, CLC+17, DBCF13, DKM10, GYP13, GWH06, KKH17, LK15, LLW07, MCC04, RIZ90, SAL10, SX08, TLW18, WMW09, YBX+13, YÖ11, YWW12, ZMCP11]. clustering-based [MCC04]. Clusters [AYI97, BJ99, BP01, BDH+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, Wei02, ARP18, BCFF05, BJS03, DCA+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, Wei02, ARP18, BCFF05, BJS03, DCA+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b].

Cluster-to-cluster [JKV15]. Clustered [CP99, MF94, GZY14b, HRC09, Lop18, NS12, SFT+13, Wan06]. Clustering [ASM09, GSY92, HJ07, TZ07, TM10, WSH+03, WHT00, ASKTZ13, AYB+15, AS18, BM16, BM17b, BF13, CDDL10, CLC+17, DBCF13, DKM10, GYP13, GWH06, KKH17, LK15, LLW07, MCC04, RIZ90, SAL10, SX08, TLW18, WMW09, YBX+13, YÖ11, YWW12, ZMCP11]. clustering-based [MCC04]. Clusters [AYI97, BJ99, BP01, BDH+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, Wei02, ARP18, BCFF05, BJS03, DCA+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b].

Colony [CGN⁺¹³, CLA⁺¹⁸, DDGK₁₃, RL₀₂, Ski₁₆, CCK¹₁]. color [Ebn⁰⁴].

Coloring [LSH⁹⁶, BGM⁺⁰⁸, DJT⁰₃, GDP⁰₈, GK₁₀, HLM⁺⁹₀, KJD⁰₃].


Combinatorial [Ben¹⁵, Kap⁹₃, KA⁸⁹, ZG¹₃, CMMT¹₃, CCLS⁹₄, Men¹₈, PPSV¹⁵, WMG¹₃].

Combine [BLPV⁹⁵, Van⁹₄]. Combined [GDCC¹₈, OY⁰₀, CF⁸⁸, VAS⁺¹₃].

Combining [AAC¹⁰, CMMT¹₃, LKK⁹₄, LK⁹₈, LC⁹₆, SZ⁰₀a, SR¹₆, UBES¹₀, WMY⁺¹⁷, WR⁹₅, BCC⁺¹₈, GWWL⁹₄, HDJ⁰₈, TY⁹₀ᵃ]. Comments [Cha⁹₄, GRV⁰₈, Pan⁰₉]. Commercial [DZDZ⁰⁶, MKC⁰₁, NKC⁺⁹₇].

Commit [mYA⁹¹]. Committee [Ano⁹₃a, BDP¹₆]. Commodity [PVPM⁰₆, MC⁰₃, ZB⁰⁹, ZX⁹₄]. Common [MS⁹⁹b, ALH⁺⁰⁹, MS⁸⁸, FII⁰₄].

common-bus [MS⁹⁹]. communicating [BFTV⁸⁷, DRR⁰₄, SSM⁺⁰₆]. Communication [BPRT⁹⁹, BKT⁹₅, BCR⁹₆, CW⁰₀, CCRS⁹₂, CGL⁺⁹⁵, CS⁹₅c, DUSH⁹₄, DS⁹₅b, ESMG⁹₆, FaH⁹₆, FM⁹⁹a, FPS¹₁, FKT⁹₆, FGK⁹₇, FA⁹₅, FAM⁹₆, FRA⁹₂, GRV⁹₇, GBES⁹₃, GM⁹₄a, GK⁹₈, GPS⁹₆, HQPT⁹⁹, HH⁰₁, HP⁹₅, HS⁹₃, HA⁹₂, IM⁹₄, ITT⁰₄, JDB⁰₇, KL⁰₁b, KLS⁹₀, KS⁰₀, KS⁰₂, LHS⁹₇, LZ⁰₂, LR⁰₃a, LO⁹₆, LWP⁰₂, Mck⁹₄, MRRV⁹₈, MLK⁺₁₆, MSST⁹⁹, PP⁹₆, PB⁹₉, QH⁹₆, RFS⁺¹₂, RWK⁹₅, RS⁹₂c, RU⁹₉, RM⁹₇, SCM⁹₉, SS⁹₉, SOG⁹⁴, SSK⁹₆, SKH⁹₆, TF⁹₂, TSHH⁰₁, TSC⁰₁, VM⁰₃, WR⁹₇, XKM⁹₄, Xue⁹₇, ZH⁹₉, AFA¹₃, ARP¹₈, ALTV¹₃, AM₁₂a, BM¹₇b, BFTV⁸⁷, BCM⁸⁷, BBR¹₃, BOS⁺⁹¹, BRP⁰₃, CCA⁰₆, CNS⁰₃, CHC⁰₅, DB¹₁, DKUÇ¹₅, DAPR¹₈, DW⁰₄, Ede⁹₁, EDH⁺¹₇, FW⁰₅, GPT⁰₆a, GM¹₃, GP⁰₅, HK⁰₅, IB⁰₄, JJ¹₂, JZZ⁺¹₇, KLY⁰₅, KSG⁰₃, Lai⁸₆, LAK¹₀, Lo⁹₂, Lun⁹₀].

communication [LM⁰₉, LWGC¹₄, LLW¹₂, dAMFbS¹₃, MAM⁰₅, MTL⁺¹₈a, MCM⁺¹₁, MPGⁱ₇b, NRM⁺⁰₉, PB⁹₀, REK¹₀a, REK¹₀b, SS⁸⁹, SPBR⁹₁, SAL¹₀, SR¹₄, SLKK¹₂, Sta⁰₄, SW⁰₉, SŽB¹₆, SSGZ¹₃, Tam¹₈, TW¹₅, YCH⁺¹₀, YQTV¹₂, ZBF⁰₅, ZV⁰₉b, FPS¹₂]. communication-aware [ZV⁰₉b]. Communication-Computation [QH⁹₆]. Communication-Efficient [HQPT⁹⁹]. Communication-Free [HS⁹₃].

communication-induced [LM⁰₉]. communication-intensive [MLK⁺¹₆]. Communication-Minimal [Xue⁹₇]. communication-optimal [MPG¹₇b].

Communications [AMN⁰⁰, BD⁰₀, CC⁹₅, DRR⁹₆, LLJ⁰₀a, SC⁹₁a, SHC⁹₃, TSC⁰₁, WA⁰₂, YMG⁰₁, ZR⁰₀, EB⁰₉, GMH⁺⁹₁, LHP⁰₇, MBBD¹₃, PGP⁺¹₂, TP¹₈, TKG⁺¹₇].


compatible [MP08]. compensation [Yan09]. Competition [eW95, TR89, WSLC11]. Competition-Based [eW95, TR89]. Competitive [DLLX97, GS96, Ser97, SHC14, LHHH11, VM95]. Competitive-Update [GS96]. competitiveness [GK15]. Compilation [BCR96, CA96, HHKT96, PA96, MH18, PAG+18, WQZ+13]. Compile [Fah96, HA92, LPU97, PM96]. Compile-Time [Fah96, HA92, LPU97, PM96]. compiled [KYL05]. Compiler [ABDS02, BW95a, CGSV93, HKT94, KRC00, LY98, LY01, NSC12, RJY96, SDC99, SD00, Tse90, WV90, WB94, DK04, RG06, Sab94]. Compiler-assisted [NS12]. Compiler-Controlled [SDS99]. Compiler-Directed [LY98, LY01, RJY96]. Compiler-Optimized [ABDS02]. Compiling [BS90, BCF+94, DRR96, GHK96, KHS96, SHS00, SB93, DeG88, LC91a]. Complement [YAS98]. complementary [ZPK+14]. Complete [BP02, Efe96, HKMU98, HM01, SP96, SHL95, TT98, WSG94, ZW00, LFZ+17, MPZ09]. completely [SFC+17]. completion [KSG03]. Complex [DDO+18, GPS96, HASB16, CM12, DF17, HHA14, JKD+15, RBP+11, SW12, SJG19]. Complexity [BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gou98, JBL02, Sato92, AEFT11, BPW05, CH60a, DUW86, FW1+10, SSS88, Sol13, THSS87, WG08, XL11]. complexity-effective [FW1+10]. compliance [AM06]. Component [AHG12, HHH94, SR94, CT94, Hdl13, KRKS11, VLW18]. Component-based [AHG12]. component-oriented [Hdl13]. Components [BJ96, Kar02, BBB+06, HHo90, LWR+03, MPR05]. Composed [SM92a]. Composing [BA96]. compositing [WGCZ09]. Composition [HL98, Tay02, CJ17, WMY+17]. compositions [FZ14]. Comprehensive [DG94, GM14b, uRIL+18, Upa13, ZAB18]. compressed [BWTM09]. Compress [SY094, CW15, CD95, JKV15, KP17, NRM+09, SR91, AHG12]. Comput [KN18b, LSS+11a, MSAS97, PCX+14, REK10a, WTC08a]. Computation [AM97a, AISS97, BCV94, BP95, BA01b, CA95a, GM94a, GM95, HR92b, HR92a, JSS92, KF95a, KS00, LHM95, PB99, QH96, Sch90, Sin87, SA93, TR96, Win85, CR96, CXY14, CL85, DB11, DHK04, DWHL87, JT88, KSG03, Lee90, LMB+17, LGM18, MCA14, NCTT09, PK07, RMU14, SS11, SD88a, S023, VGAB08, WL04, WT09, WCO+09, XLH18, YJL16, YJB91]. Computation-Intensive [CA95a]. Computational [APV18, DRC90, JBL02, KRW96, KR97, Num08, Num09, AAI17, AB03b, AGMJ06, CCE+17, CS06a, DSH06, KHT+14, LBE03, MJ03, Pen11, RBN11, SMO14, SNCP12, TZ06, WW03]. Computations [AGF94, AMN00, AP94, Ano92a, BR95a, BDMK94, BW95a, Cas93, CN93, CQ95, CGA98, DSH94, DN94, GR96, GK98, HH97, HJ01, HF02, KLC01a, KME92, KC99a, KS02, LPZ99, Man94, MR94a, MP93, MMN98, NRS95, Nas94, Nic94, OS96b, OSZ98, OP98, SV00, WB96, ZB97, ZYO02, AAD05, AFM03, BD11, CG10, DMFCM03, EL91, FXW03, IEWK17, Jol87, KME89, KHK03,
computations/applications [KHK03]. Compute

[ABM'92, CM92, CTZ99]. Compute-Intensive [ABM'92, KAS07].

computer [KDO'13]. Computer

[BCH95a, BS96b, BS96c, Cha94, CDP95, DB18, HMM94, IWM97, Kr91, LLS93, LR94, MKY'97, NSS97, PEC95, VV90, WJ05, WHT02, BDRB14, Emel13, FSP'18, Gai87, GE85, Gos90, GREC91, HR89, HR90, Irw88, JW89, KB86, LMB'17, LB17, LI88, MP08, PSC'16, SAB'92, Vei89, WJD91, PR13].

Computers [Ahu97, ADM'94, AB93, BS90, BR95c, yCM98, CCC92, Chi92, CY96, CJ99b, Fer93, KL01a, KGV94, Li01, MT96, MSC96, MYD95, Moh96, NFE97, NS92, PE93, Ree84, RW01, SR94, Shu95, Sto84, TC92, VSM96, WLR90, Yan93, YP06, Zhu92, ZM94a, AM13, ALS91, AP91c, BGM'08, BCF'94, Car90, CT94, GMS91, KSA95, KBC19, KS08, KVHS07, KV10, KCR14, KBD05, KDSS18, KDO'13, KBC19, KS08, KVHS07, KV10, KCR14, KL05, KCFP18, KB05, KDSS18, KC04, KMS'06, LTI06, Las12, Las13, LCC'05, Li05, LZY11, LLCC19, LBT19, LYJ'19, LS10, LY08, LML'10, LPX05b, LB18, LR05, Luk85, LLS07, MMY'17, ME04, MCT06, MZC18, MMS09, MMK'11, MSJ05, MA19, MKN14, MC03, NXX17, NML'19, NDW17, NDSZ18, NAK04, NRM'09, Oza04, PLD14, PH18, PGK18, RBN11, Raj04, Ren11, RRS'08, SMW18, SJB12, SSM'16, SZR'18, SAOKZ05a, SAOKZ05b, Sch14, SFT'13].

computing [SCS'08, SAB'92, Sie16, SFEF06, SL10, Suk18, SB04, ST08a, TZ07, TZ11, TLLL10, TLLL10, TFMS15, TRS06, TXLL14, UAK06, Udd19, VD04, WS06, WGI11, gWW18, XQ04, XLHT13, YLL17, YWJ'18, YC04, YLZW18, YBM13, ZAB18, ZKZF18, ZLL14, ZV09b, ZB03, ZFWF06, ZHO03, Ano99g, AS13, Ano97j, BS09, CDJL09, Cuz11, FPS11, GMSS'11, Gra09, KRS13, KRS14, Lan09, Las12, MMVL11, TH11]. Concentrate

[LW95]. Concentration [JL05]. Concept [DFLO17]. Concepts
Concerning [IPK85].**Concurrent**

[AY93, ACHY18, CCM92, CMN12, DBLB+12, FPD93, IM94, JH94, MM04, RSD94, RS924, WCF94, WW96, WG93, WT92, BE13, CTS17, CHi95, CMT92, DB08, FJSW90, GV86, KME89, PVP18, Par89, SW18, ST05, TK07, CHi95].

**Condition** [SJ96].**Conditional**

[BZ91, CW09, ERA95, RLS96].

**Conditions** [DJ98, HM96, MI92, Ste17].

**Condor** [HS97].**Condors** [BZH06].

**Confident** [YDZ+18].**confidentiality** [ZHT16].**configurable** [ZMZJ17].

**Configuration** [BL05, FVCL05, LB17, NP09, VAS+13, WZ13, WLST16].

**Configurations** [LK94].**configured** [ZV06].**Conflict**

[BP02, CH92, DP00, DFP06a, HV09].**Conflict-Free**

[BP02, CH92, DP00, DFP06a, HV09].**Conformance** [CY95].**conforming**

[LGM18].**Congestion**

[BDF01, AA10, BM11, ESGQ+14, ESGQ+18, XWC+08, YJKD10].

**Conjugate** [AS97, McA92, GLW14, LR14].**Connected**

[An94, ADM+94, BJ96, BCHK95b, yCM98, CCC92, CWW+95, CT94, CY96, CDP95, DV96, Fer93, HMM94, KKR911, L92, MD01, Moh96, SR94, Tze93, Zhu92, ZY002, DLBL95, BB85b, BBd90, BJ18, Car90, DW06, GP07, HJ07, HSW04, HR90, JT88, JPD17, JL05, KO12, KT91, KF90a, LC90a, LC91b, Li06b, LY88, MPR05, PB90, RAj04, SI86, ST06, SSM99, SC91a, TR08, YME06, YSS11, YWW12, ZAA17, HH96].**Connecting** [FT94].

**Connection** [AY93, GHKS98, ML98, LXLs12, TT07, YSL08, CM93, CRFS94, EHS94, LD+96, LTD+93, Sab94].**connection-based** [TT07].**connection-level** [YSL08].**Connectionist** [MBK+92, TR9].**Connections**

[Goe94, TC03].**Connectivity**

[Wil92, ASM09, BCMV15, DH91a, OMSGNSG05, SK99a, Ten16].**Conquer**

[CTZ99, AY98, BW09, DGL+11, St087, TP18].**conscious** [GAAB11, OC07].**consensus** [AAI+15, ISM07, LHW14, MR09, WTC08a, WTC08b, WWW17a, WCYR08, XBK07, DS04b].**consequences** [YBM13].**Conservation**

[FLS+97, SHRM19, XS11].**Conservative** [LA93, BD04].**Considerations**

[Ger98, VWHL96].**considering** [MLMSMG12].**Consistency**

[Bir94, CA95b, GAG+92, SS08, Fei03, HCO9, Kub17, LC11, LHZ+18, RHH12, WDDK09, XO05].**Consistency-driven** [SS08].**Consistent**

[KCDZ95, HK08, JLM08, LFA05].**consolidation** [MA19, RT18, ZLC18].**constancy** [EBn04].**Constant**

[BGOS95, BPP05, BTZ98, COS+95, DS01, KBG92, RO92, TSV97].**Constant-Time** [BGOS95, COS+95, DS01].**Constrained**

[AZ01, BSDE96, BS95, MMV97, RL95, BKS05, CHX+17, HP06, JHF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMNB10, WTB+08, XLL15, YAK15, ZV09b, ZWX16].**Constraint**

[GHH92, LP97, Mon94, CLO08, Ozt11, UAPM07].**constraint-based** [Ozt11].**Constraints**

[BA96, KB96b, LTYW95, van96, AP91a, AY98, ACU08, DUW86, FVL09, 23]
Li06b, SZB16, SSM+07, VRM10, WMY+17, WHS+18, YA11]. Construct [BW96]. Constructing [CCS06, CS06a, Hal05, HS94b, Lai15, MKW18, YWW12, BBL04, DW06, GC07, LMZ04, LH04, OMSGNSG05, WC91, WJ12, YSS11, YZLT09]. Construction [BCH95b, DM95, DFN+94, DJM94, BFG+03, CFJW13, JPD17, JM14, Lai14, Lai17, LT07, LS05, OOSG16+16, SB12, WIB12]. Constructions [FA95, HV95, HV09]. constructor [tH90]. Constructs [Ano92a, KME92]. consumer [GLGLBG12, KK11]. consumption [AH12, GHY10, Fei03, FM07, KTP17, KRM14, NKK16, SZ09, ST12, SCK03, SK11, WLZ+18, ZW13]. Content-Addressable [Win85]. content-based [ST12, SK11, ZW13]. Contention [BCD00, FCW11, LKK94, STK11, AEY12, FA07, HHS12, JW89, KH12, LW16a, NSTN91, Nik03, SW18, Zah12]. Contention-aware [FCW11, STK11, LW16a]. contention-aware [KH12, KTW14, ORWT+18, KS14, SK11, ZW13]. Context [AHG12, CWZ+18, Con93, Ano04d, BPA06, IB04, ORWT+18, YK04, S16]. Context-aware [CWZ+18, BPA06, ORWT+18, S16]. context-sensitive [Ano04d, YK04]. contexts [KHT+14]. contextual [Ana14]. continued [Ano18v, Ano18w, Ano18x]. Continuous [JHPL13, NH93, Lnc18, MCdS+06, TCS+10, dGP06]. continuously [AKSM08]. Continuum [MP96]. contraction [LGK+12, SMH+14]. Contractions [BBN93, IEWK17, Ros89]. Contribution [AS19]. contributions [RGU08]. contributory [SA19]. Control [AGW98, AGW01, BLP91, BBM+02, BCLR96, BCD00, BDF01, DSST95, ESA03, FR96a, FT94, KSP+92, LM96, MS96, Nie94, OS93, SG96, THF97, WLD02, AA10, Ahn90, AAA+10, BCO+12, BWP+11, BMF05, BJ18, CF88, CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOGH17, HCZ04, HMV+18, JTTZ11, KN59, Kim11, KGN11, LL90, LZCY09, LCW05, LWLD12, LL12a, MLZY17, MG09, MBO11, MCZ14, RCG+11, RKK06, SRI14, TG04, WRW13, WJD91, WHS+18, XYDL06, XLW+18, XWC+08, YBM13, YJDK10, ZMZJ17, ZBW+17]. Control-Memory [BCLR96]. controllable [ZHT16]. Controlled [CGS93, Li99, G91, SDS99, SD00, BYT19]. controls [YL08]. convection [CEGS07]. convergecast [KK06, PLY15]. Convergence [GCM95, ÜD96, YBOY97, CDD+15, PH18, Tor89]. converging [BHK17]. conversion [FC14, SMH91]. Convex [DS84, DFRCU99, LP97, Wu02, DDNS06, GS03a, RBD08]. Convexity [BOS+95, BGOS95]. convolution [XLW+18]. convolutional [ZLS17]. convolver [Kep03]. cool [LFS16]. Cooled [SWHB17]. cooling [MLK+16, SWHB17]. cooperation [YQTV12]. Cooperative [BW95b, LTWW12, SZL10, ADDB18, DDG+17, FCML13, FZ14, GRDB05].
GZY14b, KK10, LGM18, NP09, TC13, TVT+17, WLL16, WHC+18, XHZ+10, YpGyLiC13, YF07. Coordinated [DG+17, VPHML06, MCZ14].

Coordinating [DZ97, LZY+11, CHC05]. Coordination [DRST02, FCZ+12, SCN12, SZB16, BDP16, DRT07, MS05, Wu11]. Coping [BGBC+16, BCC+18].

coprocessor [KVNV17, SA11, ZMZJ17].

Coprocessors [SS99]. Copy [Ano93e, CS93b, CS92]. CoQoS [LZI+11].

CORBA [CCC+04, LWR+03, MSAF04, RSR04, wXH00]. CORDIC [CL88, HBH93].

Core [BCR96, DDO+18, PL94, AFA13, APRA18, AA16, AR17, ABLP17, AVAH18, BBBC12, BLMB13, CMCTM13, CHLL18, CKK+13, DBC+18, DWYB10, FTM+19, GZG+17, GSK+15, Hus17, JHF+17, KSK13, KKB+06, KR11, IWC+18, LKS14, LNAL17, LSC+15, LHT08, LLS+16, MBBD13, MZC18, MAHKZ12, MGRRK14, PCMM+17, PGP+12, PTK+13, PR13, RLA+16, RLA+17, Raj04, SNMB16, SFT+13, SCB09, Sol13, SAI13, SHRM19, Trace09, TCHC12, WJV07, WQZ+13, WH17, ZXB14, Zha11].

CoRDA [DP16, XSYG18]. cortical [NFHL13].


corrector [GGR89]. correlations [FX10, WZQ+13]. corresponding [BS03].

Corrigendum [KN18b, LSS+11a, MSAZ10a, REK10a, WTC08a]. corrupted [DP16, XSYG18]. cortical [NFHL13].

Coscheduled [ABM+92, NBSD99]. Coset [Oru87]. cosmology [LTL06].

Cost [AZ01, Ano92c, BC01, DJDK19, DT97, FM99a, GPS96, HCS+00, JH92a, JLR97, KER01, LO96, Nic07, PP96, QM01, SC95, WC91, Wei02, AMU+19, AP91c, AM12a, AD12, BJS03, CYL18, CL09, DKUC15, ESGQ+11, GJXZ05, HS12, JLIWX11, KSK15, LMS09, MP15, NML+19, SSM+07, Yan09, YGZ+10, YLYC11, ZJ06]. Cost-Driven [FM99a].


coterie [SGR03]. Coteries [WRC+02]. Count [MPS16]. Countering [SFEF06].

Counting [AP16, BS00, SS96, WW98, WW04]. Counting-based [AP16]. coupled [AJHeC90, BBB+06, BMF05, FPM+14, IEWK17, SMH+14, SA90].

coupled-cluster [SMH+14]. Coupling [GT02, YWD08]. course [Bog17, Eck18, LB17, LB18, PPSG17]. courses [FSP18, Kumi17]. Cover [Ano04e, ANP07, DSN06, KO12].

Coverability [SP90]. coverage [Amm16, DGBN14, GM14a, HWC08, PSRS12, PCX+11, PCX+14, REZ17, WMW09, YDZ+18, ZC04]. coverage-oriented [ZC04]. covered [CHC18].

covering [KCR14, ST12]. coverings [Bod89]. Covers [ABCP96]. Covert [BKT95]. Cowichan [ASST05]. CPS [CHX+17].

CPU [DV13, DBA+18, GKS15, KJL+11, LRI4, LLKY13, Ren11, TRS+12, TYA16, VLIW18, WLL16, WTWZ16, YLL17]. CPU-GPU [DV13]. CPU/GPU [LR14]. CPUs [AVAH18]. CR [LACJ18]. crash
[BG05, DDG+17, DGDF10, ISM07, MFVP08, MR09, PMHM19].
crash-faults [PMHM19]. crash-prone [DDG+17, MFVP08].
crash-recovery [BG05]. crashes [GK15]. Cray [CDH84, SI91, YQTV12].
Cray-2 [SB1]. CRCW [GM94b]. create [AM07, MMAL+06]. Creating
[DH06]. Creation [Ric98]. CREL [KMB91]. CREW [OW95]. Criteria
[BSS99, CCR94, LL07, ZWWX16]. Criterion [SS93]. Critical
[BLG01, LC14a, Seb95, GHT09, TYH09]. criticality [ZZJ+18]. Cross
[IEWK17, SJS11, WXZ+18, CI03, KPR88, LST+13, WCL+13, YFBY17].
cross-architecture [YFBY17]. cross-layer [WCL+13]. Cross-scale
[IEWK17]. Cross-Site [WXZ+18]. Crossbar
[CP01, KJ84, OK01, PD92, KK17, LW89, McA93, WZPK+14]. crossed
[CW09, CFJW13]. crossing [HSSM07, JD12]. Crosstalk [Qia97]. crowd
[KDS18]. crowdsourced [VLG+18]. crypto [SA11]. cryptographic
[ABO+17]. cryptosystems [AVAH18]. CSA [Ebe94]. CSD [KHT+14].
Cube [BCH95b, JJ94, MS85, RP98, Tze93, AP91b, JT88, JG05, KF90a,
PK04a, ST06, LH05]. Cube-Connected
[BCH95b, Tze93, JT88, JG05, KF90a, ST06]. Cubes [HJ90c, HTHH02,
JJ92b, Lat98, VB02, CW09, CFJW13, FL07, LFZ+17, LLFJ18,
MKW18, SAK03, WZJ12, WS97b, XHZZ16, YTH07, YD98]. Cubic
[CP98, BM14, MP88, YME06]. cuckoo [CSW+17]. CUDA
[BSH15, CB11, Cza13, KRKS11, KME09, dAMCFN12]. CUIRE
[ZSW14]. Cumulative [Ano98l, Ano99b]. currency [HBF12]. Current
[KS95, MMCL+17]. curriculum [NDW17]. Cycle
[LZY+18, Gue86, SKH15]. curves [ST12]. Customized [Is89, ZLP97]. Cut
[DRSB01, KLLK98, CRD17]. Cut-Through [DRSB01, KLLK98]. cuts
[Li14]. Cutsets [DH94]. Cyber [HRM17, QGB+17, CW918, CSW+17,
DZC17, GQZ18, JWH+17, LLW17, LXZJ18, MN+18, SLG+18, ZM18].
cyber-enabled [GQZ18, LMXJ18, XMR18]. Cyber-Physical
[QGB+17, HRM17, CSW+17, JWH+17, LLW17]. cyberthreat [KAA+19].
Cycle [An00d, KK95, LS97, Ros99, HDT+05, LLFJ18]. cycle-accurate
[HDT+05]. Cycle-Stealing [An00d, Ros99]. cycled [LDZ+17, LDZ+14].
Cycles [BCH95b, Tze93, Wan01a, dBL95, HBA15, JT88, JG05, JD12,
KFG90a, LD918, PK04b, ST06]. Cycletrees [VB96]. Cyclic
[OP96, PT97, SSG93, BD05, HJ05, PK05a, Sch87, ST87, SPH13, LY12].
cyclic-by-rows [ST87]. Cylindrical [WN94].
D [AA14, Ano92a, Ano93e, BAES92, CS93b, GOH+13, SS94b, AA16, AR97,
BLP95, BF94, BDRB14, BAL05, BC94, CW00, CS92, DJK19,
DASUM99, GW90, HHT96, HKT94, KRKS11, LXS12, LME05, MKY+97,
MPG17b, NM17, OGRV+12, PYP+10, PEC95, Wan07, WS95, WU02, YA11,
YB01, ZLS17, ZSA16]. D-ISODATA [DASUM99]. D-NoC [AA16]. DADO
[SM86]. DADTA [ZLCZ18]. Daemon [KY02, BBD18]. DAG
[CJ99a, CJY04, DQR+09, Tam18, XHL13, ZS13]. Dags
[BCLR96, BSS+13, CDR12]. daisy [GRV08, MVBO]. Dandelion [CP10a].
Dandelion-like [CP10a]. Dark [SDS+18]. Dark-Silicon [SDS+18]. DARPA [WRHR91]. Data

[AOS+05, AL04, AAL95, ALS91, AS13, AS15, Ano96j, Ano00d, ADM+94, BVB02, BCD95, Bal90, BBB+06, BHS+94, BR95c, Br02, BS09, BS11, CNG+13, CDY97, CK08, CGL+95, CP92, CHR94, CRFS94, DOP98, DRC90, DSAUM99, DRST02, DHR96, DSD+97, DSS95, Fah96, FMP98, FKKC97, FMW+94, GG94, GP93, GC01, GDN+98, GS96, Gup92, HK01, HJD+01, ISZBM99, JW94, JS86, JB93, KR97, KLS90, KR80, LSCA93, LZ02, LAS+97, LY98, LY01, LO96, LL95, LSWC14, Lu01, LWWQ18, MD13, MS85, MRV98, MK92, MRK93, MN95, MM98, NBP98, Nic94, OK02, OP98, Ozt11, PH96, PH91, PL98, PT97, QZ94, QH96, RSW90, Ros99, RW93, SS89, SMH94, SG99, SR97a, SR97b, SAC+98, SSHC00, SHT+95, SS94a, SSYG97, SIR92, Ste95, CA04, SC91b, Str12, SV00, SFC17, SG96]. Data

[AK13, AK18, Amh16, AH12, AGWY11, ACPT15, Ara90, AG12, APK18, AYB+15, AY12, AK18, ARDQ18, AS18, BFH+17, BCO+12, BH86, BR91b, BEN12, BMLLC+19, CK06, CF88, CMR+18, CKN07, CGC16, CLC+17, CPLY18, CW15, CLL09, CZZ0, CTT16, CTT08, Cuzz11, Cuzz13, DF17, DGM18, DTK11a, Eck18, ESTA94, ED05, ECP+18, FCW11, FRM15, FP03, Gao89, GYAB11, GE85, GS91a, GJA08, GLGLBG12, GM14b, GBA08, GB11, HMB07, HSMB01, HP06, HA05, JLY12, JBS14, JHPL13, JHL+18, J05, JWH+17, JdSJC+15, JKV15, KKK03, KA04, KA05, KAS07, KCR14, KSB11, KL05, KKTZ13, LW+C+18, LL91, LHF91, LWZ12, LC91a, LC11, LY12, LLWC17, LBT19, LLW07, LSZ015, LWW18, LZY+18]. Data

[Lon04, LA04, LGK+12, LSZ15, MCDs+06, MEO4, MB19, MLK+16, MBMC19, MP08, NLB+18, NS90, NCT+07, NCA+12, NCB+17, NAB+11, NK16, NAK04, NTC03, OWK14, OM10, OJP+18, PAd91, PSR05, PS14, PLR07, Psa96, RBN11, RT18, RB12, Ren11, RMU14, RBA+18, RAN+17, RJKL11, SMW18, SHK19, S080, SC04, SCW+18, SCMH13, SM08a, SK05a, SD88a, SWW+17, SR91, ST08a, TR09, TBB07, TZZ+06, TK07, TVT+17, TLW18, VETT18, VLG+18, VM010, VB08, VRM10, WCW017, WSN+03, WNT09, WZZ+17, WWW17b, WCH+17, WW18a, WL05, WG11, WLZ+18, XHZ+10, XYG18, YBX+13, YAK15, ZV14, ZKZ18, ZLZ+19, ZV12, ZWW17, ZSFX18, ZHT16, ACB+15, LSL15, PJ18, RAB08, WLL08]. Data- [KAS07]. Data-/compute-intensive [KAS07]. Data-aware [ZTFK16, AYB+15, VM010]. Data-center [FP03]. Data-Driven [JB93, VB09, WS93, BH86, KKH03, NCB+17, WLZ+18]. Data-Flow [BG90b, GE85]. data-gathering [LLW07]. Data-Intensive [BS09, ZMC11, RBN11, SC04, VB08, WZZ+17, WG11]. Data-oriented [LWQQ18]. Data-Parallel

[AAL95, Ano00d, BCD95, BHS+94, CGL+95, DSD+97, FKKC97, KR97, OP98, QZ94, QH96, Ros99, RW93, SAC+98, SSHC00, Ste95, WB94, WNA+94]. Data-stream-based [CK08]. Database
[DSW94, HILLY95, HTL99, LLS93, LHM95, MB93, RSD94, YMR93, BH86, CI86, HPSM91, LY91, LZCY99, LLB+18, TR16, XLC+18]. **Databases** [BM95, CS95b, FCF00, MFS93, Ahu90, Ale19, BA06, CG86, GPSH19, PF08, PLK+18, Ram89]. **datacenters** [CPLY18, MG09, YYWZ19]. **Dataflow** [BG86, BCF97, BPN90, BJP91, BH93, GGB93, Gao93, HCAA93, LB90, MN95, NBM93, RSB01, SA93, SBBK90, VV90, YMR93, Bie90, ESCV15, KLL87, TBG+17]. **Dataflow-Based** [RSBN01]. **dataraces** [SSS07]. **dataset** [YYLC11]. **datasets** [CPLY17, KSJC17, KN18a, KN18b, YO11, YLB+15, ZB09]. **DAWGS** [CM92]. **day** [TLL+18]. **day-ahead** [TLL+18]. **dBBlue** [SLWW05]. **DCC** [BCD00]. **DCell** [WFLJ16]. **DCT** [Jia99, VAF19]. **DDE** [WS97b]. **DDoS** [CH06b]. **Deadline** [LTWY95, RCG+11, SCW+18, LFS16, MGSG12]. **Deadline-aware** [SCW+18]. **Deadline-sensitive** [RCG+11]. **deadlines** [BSMH08, KSS+07, WMG13, WL05]. **Deadlock** [Ano96l, BYT19, BHR95, CP01, CMS92, KS94, Li92, MJ94, PA97, PA01, SJ96, TT07, ZN01, AA14, BB85a, XL11]. **Deadlock-Free** [CMS92, Li92, PA97, PA01, SJ96, ZN01, TT07, AA14]. **Deadlocks** [RP95, WP02, LJ05]. **deal** [ESGQ+14]. **Dealing** [BKS05, FP03]. **DEAR** [ALF03]. **debug** [BBCLL04, MH18]. **Debugger** [MB96b, BBCLL04]. **Debugging** [MI92, MLC+90, SG93, CV16, LZZ+11]. **Decaying** [GM96]. **Decentralised** [YZS15, DBCF13]. **Decentralized** [AM11, DW12, GHK+12, GMXA07, HS97, AS18, BHK17, Che89, MAPF14, SL06, WZQ+13, mYA91]. **Decidability** [FP17]. **Decision** [ADS01, BF01, LFA96, KDSS18, KC04, PP06, SV18]. **Decision-Tree** [BF01]. **declustering** [WZZ+17]. **decoder** [MC17]. **decoding** [CP10a]. **Decomposable** [KS08]. **Decomposition** [Bai94, BBCD02, CP92, HJ90c, HBH93, KBG92, LS95, NPY+97, PE93, QZ94, Ara90, ACFK07, CvdBL+08, CZZ+17, Luk85, OTS8, SK09, TW87, WD18, XWC+08, WZR107]. **Decompositions** [ABCP96, KRW96, Oru87]. **decoupled** [CTCX08, BBC03]. **Decreasing** [TSHH01]. **dedicated** [AM07, MAR05, WLMN06, ZV09b]. **deep** [CXQ+18, HMY+18, HKK+18, TLL+18, WW18b, WDS+18, ZWW17, MLCFH+18]. **defense** [XCH08]. **define** [KK86]. **Degenerate** [HF96]. **Degradable** [BBR94, CGA98, LH92, RCB93]. **degradation** [NSTN91, WCYR93]. **Degree** [DS96, Prz93, RL95, BCF14, BPPR11, KSK15, LVP08, Sta17]. **Degree-Constrained** [RL95]. **degrees** [ZDC06]. **Deister** [WZZ+17]. **Deanalys** [ABC+09a, ABC+09b]. **Delay** [AZ01, AH11, GZG+17, Hu11, GL12, HH9808, LMZ04, Li19, MD07, NLB+18, SGR03, WW12, WYW15, WHC+18, WHS+18, YA11, WY15, ZWW17, KSSK16]. **delay-aware** [WHC+18]. **Delay-Constrained** [AZ01]. **delay-guaranteed** [HHWH08]. **delay-optimal** [MD07]. **Delay-sensitive** [Hu11, NLB+18]. **Delay-tolerant** [AH11, WYW15]. **Delays** [GM94a, GK98, KL01b, RWB+13, Sta04]. **Deleting** [BCK+09, PPC04]. **deliveries** [WE13]. **Delivery**
[CLZ02, CLV95, THGY15, AH11, Bar05, KMF+05, KNS06, SZ09, WGCZ09, WLZ+18, XYD06]. **Dellat** [THGY15]. **Della** [ASB18, KJ84, YL89].

Demand [DSST95, HLL+95, JSCB95, BSW07, FVLB09, HZDP12, KyLPC17, LSZZ15, NKK16, SFEF06, WL05, XG03, YLYC11]. demands [SLW10]. dendritic [WCKD06]. **Denial** [BK18, KMMZ06]. denoising [TLL+18]. Dense [DVW94, FHL+15, ICQO+12, LKD14, RM10]. densities [DHK04]. Density [MC17, BAT+19, WCXL11]. Dependability [SM92a, WLID02]. Dependable [MAJJ05, NPGV10]. Dependence [GSG+93, KK95, Xue97, NCA+12, Psa96]. dependences [NCT+07]. Dependencies [KBG92, TC96, BSMH08]. Dependency [GP94, CSJ+13]. dependency-timing [CSJ+13]. dependent [AL04, BH05, LSWC14]. deployable [YC12]. deployment [EM11, SMO+18, TWQS12, VHH08, ZC04]. depth [BP89, LH04, PV07, YWJ+18]. depth-first [PV07]. deque [ST08b]. derivatives [PK04a]. describe [JWH+17]. description [MRS+14]. **Descriptor** [Bal90]. descriptors [LNW+12]. Design [AFA13, AM17, AC16, Ano92c, BAHP01, BCD00, CGKK97, Car95, CCC90, CT93, CABA94, CW93, CTKA17, CKK+13, DR19, DBKF90, DVW94, ES96, EMP+96, FC90, FR96a, Fer92, GRV08, GF3+92, Ger98, GRS97, GSP02, HP97b, JH92a, JZZ+17, LL90, Lec91, LH92, LLS93, LLKY13, MKC01, MP10, MV05, MG09, MML07, NMB93, NJ91, Nie94, NSPPC02, OS93, PA01, PB90, PMCC18, RCB93, RBG17, RPS93, RKK97, SDS+18, SAKOZ05a, SAKOZ05b, SRK95, Sol13, SHC93, SOG94, TTH12, WNA+94, WH97, XKM94, ZPK+14, Ada17, ABLP17, BBH+17, BZLJ04, CG11, CSJ+13, CK13, Che86, CHX+17, Ch195, CC96, DFHH13, DE91, EFG+14, FHL+15, Fer90, FCG+14, FDS6, GREC91, HDT+05, HWWH08, HKK+18, KMC16, LUI4, Lon04, LBV07, ACM+11, Nap90, ORWT+18, OMT+17, PL8D7, RGD03, RA11, SDS10, TM06, TB90]. design [VRGS17, VHH08, VLL+14, WSG91, Wu11, ZMJ17, ZY12, ZV09b, ZFWF06]. designed [BSH15]. Designing [BBBC12, BC01, CB06, DH91b, FSP18, GP93, GMS+13, GB93, KT89, NS92, Oru87, SRG90, TC96, YC+10, YFBY17, KAS07]. Designs [HCS+00, LHM95, MD01, Oru94, Bhu87, CP04b, MC17, Man13, PGR17, Sch89b, WAS88]. Desktop [LSH+13, CCEB03, AAD10]. Detect [XCH08, UGG+11]. Detecting [CL14, CK97, NCT+07, SKK14, Tse95, YX13]. Detection [An096l, BN02, BHR95, BST01, CW93, CY95, CDP95, dADB96, GCKM97, GS96, HTB98, ISZBM99, KSB94, KS94, LLLY08, MMR98, Par92, PAH+98, Ram89, RP95, SL97, SJ11, WCF94, YHY18b, AFD+11, AMK+07, BXA08, CRK+09, CV90, CH06b, DKKV15, DFP06b, Eri88, FM85, GDCC18, Gue86, GH89b, HMY+18, IZ12, KHK03, KCFP18, Ksh12, KKTZ13, Lai86, LLLC15, LJ05, LLWC17, LHL14, MD07, MFVP08, NHO+13, PMMH19, PH16, RLP14, ST12, SMP17, TRS+12, TY17, TCS+10, WL11, WML+18, }
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Dimensions [SZ93]. Diameter [DF95, LP95, RS96b, RLS96, WIKC97, BBD18, BBL04, CW09, SLWW05].


Diffraction [DK96, PVP18, ALF03]. devices [Ano04d, Kim17, MXSL12, WL04, WCF14, YK04, ZV09a, ZV09b]. DEVS [PK05c].

DGIN [KMC16]. DGIN-3 [KMC16]. DHT [BJPPM*08, CTT16, HASB16, SP08, SX08, ZH07]. DHT-based [BJPPM*08, CTT16, SP08]. DHTs [GTGLSA12, SAL10].

DIF-multiprocessor [CC96]. Diagnosing [Qia97]. Diagnosis [BW95b, Kav93, KF95b, RFM94, Wan01b, eW95, FZ90, VS18, Yan04]. Diagnostics [DMG18]. diagonal [PRHB06]. Diagram [RR95b]. diagrams [SZ03].

Dining [AFNT17]. DINO [RMHR17, RSW91]. Direct [FLC14, GV94, LLCC02, SDDH17, TF01, ACFK07, ACU08, PPTV+10, Tam18]. Directed [GY92, LSC00, LY98, LY01, RJY96, BD05, MTM10, TDP15, WCWH03, Wu03].


Directory [GS00, JSM94, RFPAG08, SB15, VGS17]. disaster [SZB16]. disasters [FP03]. Disciplines [MS+95]. disconnected [LR03a, MCS14].

Discovery [CHGM01, AOS+05, FZ14, KOA09, KKS09, MKC+09, REZN17,
RSL12, SMPMLVLS11, She09, SK11, TDC05, ZAB18, ZMG+16. Discrete [Ano02v, AB93, BBM+02, Bou02, DMSH90, Lin93b, Lin93c, LLCL98, NC97, Pra93, AZC13, CV09, CRC+02, HH16, Li16, SS17, TKHG04, ZZ90, ZCK+02]. Discrete-Event [DMSH90, Pra93]. Discrete-Time [BBM+02].

Discrete-Event [DMSH90, Pra93]. Discrete-Time [BBM+02].

disk-assisted [SRT+18]. Diskless [PKD97]. Distributed [CLRW00].

Distributed [Ano02v, AB93, BBM+02, Bou02, DMSH90, Lin93b, Lin93c, LLCL98, NC97, Pra93, AZC13, CV09, CRC+02, HH16, Li16, SS17, TKHG04, ZZ90, ZCK+02].
Distributed-Memory

Distributed-Web

Distributively

Divergent

Diverse

Divide-and-conquer

Divide

DNA

Do-All
Doan [Ano92c]. Document [ZWL03, UGG+11, XCZL03, ZMCP11].
document-similarity [UGG+11]. Documents [ALL99, Fei03]. doing
[MBG+17]. dollar [SSM+07]. DOM [WXZ+18]. Domain
[CZZ+17, KRS13, KRS14, NPY+97, MRS+14, SK09, SS11, WMC+18].
Domain-Specific [KRS13, KRS14, MRS+14]. Domains
[DR95, BMF05, dGP06]. dominance [EE05]. dominated [AM12b].
Dominating [RDJ95, DW06, HJ07, JPD17, WCH03, YSS11, YWW12].
domination [GP07, GK10]. Don’t [BL94]. DOOR [Won99]. DOOR/MM
[OOW95, ST08b]. down [Sch89b]. DPI [HVW16]. DRAM [ZLH+18].
DRAM/NVM [ZLH+18]. Draw [Mil93]. Drawing [CP98, DP12].
drawings [JDI2]. drift [HES11]. drive [LTG14]. Driven
[CB09, CP99, FM99a, JB93, The02, TVO92, VBM90, WSS93, ASES15, BHS6,
CTT16, GKO4, KHKO3, LWZ12, LS10, LGK12, MBS+12, NCB+17, QJ05,
SS08, SS18, TLQS12, V089, WLZ+18, XLL15, YCC09]. drives [GFPC14].
DSDV [BDF01]. DSM [BJIS03, ISZBM99, NPP+02, NIK03]. DSMs [KG04].
DSP [DSEP17, QSL+08]. DSPONE48 [DSEP17]. DSS [FGP05, MKC01].
DTN [VV90]. DTNs [MPS16, Yan09]. Dual
[ACCP12, LSXX14, XWC+08, ZW00, MAJJ05, WCC02, WL05].
dual-Hamiltonian-path-based [WCC02]. Duane [BS96c]. due [BKS91].
Duplicity [SR94]. Duplication
[BAM7, DA97, BKS05, BD05, ST11, TLL01, WCE10]. duplications
[SCJ+08]. during [VWHL06]. duty [LDZ+17, LDZ+14]. duty-cycled
[LDZ+17, LDZ+14]. DV [CSW+17]. DV-Hop [CSW+17]. DVFS
[CG17, ECL12, LSC+15, RTZ11]. DVFS-based [RTZ11]. DVS [ZHLQ12].
DVS-enabled [ZHLQ12]. Dwarf [DTK11a]. Dyn [WNL06]. Dyn-MPI
[WNL06]. Dynamic [AGF94, BLL99, AAD10, ANEA13, ANO97j, BR95a,
BJPPN+08, BPN90, BR02, CJ99a, CDAN14, Cyb89, DB91, DL01, FCC07,
Fer95, FMP98, GM14b, HM01, HC97, KKG01, KCSS18, KR10a,
K18A, KPC96, KNC99a, KNS97a, LHK103, LPS+98, LL98, MAS+99, MD13,
MB19, MS+95, MSSE02, Moh97, MNM98, NPP+02, NPY+97,
OOSGVG+16, PHB96, QMCL94, RDS02, Ric98, RGVB00, RN04, San95,
SHSH17, SZ00a, SL+98, SS98, SB97, SS17, SG96, TT10, TDP15, WCE97,
WJD91, WLID02, XL92, XH93, ZLP97, ZA05, ZM94b, Ano04d, BCOV05,
BBCQ13, BGLA03, BNP02, BB03, BCF14, BK08, CBD+09, CSML10,
CQ05, CPL18, CGT+09, CDC05, CKML12, CWD11, DLW+12, EE05,
Fei03, FXW03, FKL08, GÖÖ16, GCS06, GFPC14, GBA08, IC05, JBA15,
KZ11, KMS07, KMS+06, LTBO2, LGZ+10, LLLY08, LC91b, LPX05a].
dynamic
[Li10, LL15, LS06, LLW12, MYY17, MC91, MK08a, MCS14, Mit07,
MML07, NDP13, NLB+18, NCT+07, NOH+13, PKN08, PKN10, PMS05,
PSPR05, PW17, QJ05, RC18, SNM16, SSN+16, SS06, SSS07,
SZD07, SCK03, SLG06, SSd1B+10, SZB16, TZ07, TW15, TH08, TMK+17,
TT07, WW12, WXZ+18, XLC+18, YK04, YS11, ZXYO11, ZCS+18].
dynamic-warp \cite{NHO13}. \textbf{Dynamically} \cite{JB98, KSS+07, PPP14, dSR00, SB84, GK15, Kep03, Lai86, Mat06, ORWT+18}. \textbf{Dynamics} \cite{ES96, JBL02, NPY+97, PAH+98, TSA97, AGM06, CvdBL+08, CMPS18, DAG+17, GBMZ07, LYL08, PARB14, PTK+13, WYTX13}.

e-infrastructure \cite{HPB+10}. \textbf{E-ODMRP} \cite{OPG08}. \textbf{e-payments} \cite{CSS11}.

E-R \cite{BG90a}. \textbf{Eagle} \cite{KS18}. \textbf{Early} \cite{GRJ+15, AMT13}. \textbf{early-stopping} \cite{AMT13}.

earthquake \cite{KME09}. \textbf{EB} \cite{SM92b}. \textbf{EB-Equivalence} \cite{SM92b}.

ECC \cite{CL09, GCS06}. \textbf{ECC-based} \cite{CL09}. \textbf{ECG} \cite{ZAA17}. \textbf{ECHO} \cite{HASB16, SAL10}. \textbf{EcliPSe} \cite{RS92d}. \textbf{EDAs} \cite{MMAL+06, dGP06}. \textbf{eddy} \cite{SM04}. \textbf{EDF} \cite{dOCS14}.

Edge-Coloring \cite{LSH96, GDP08}. \textbf{Edge-Disjoint} \cite{BGR96, WB01, TDM05, Lin03}.

Edge-of-things \cite{AMU+19}. \textbf{edge/cloud} \cite{Ale19, MA19}.

editors \cite{XO05, AP93, AL99, Ano01j, Ano01k, Ano02h, Ano02i, BD00, DOP98, ES97, GGB93, GC95, JW94, MC93, NT90, OW01, PN97a, PN97b, PA96, SH92a, TFV+15, BG90b, TY95, WC05}. \textbf{Edu} \cite{PGKV18}.

\textbf{Edu-2016} \cite{PGKV18}. \textbf{educating} \cite{LMB+17}.

Effect \cite{ACD+93, IS06, BLZ+18, CVK+18b, Hua17, MBG+17, Nee17, NKSA17, NSDZ18}.

Effective \cite{Ano97k, BC01, GM96, HH97, KO11, LT96, MAR05, QM01, TC92, VH93, WLD02, YZ96, AMU+19, AM12a, BV13, BCK+13, Cza13, DJDK19, DK04, FZWL12, FWM+10, FI04,
Effectiveness [GMM00, HKT+91, KS97a, LKK94, NRS95, MA11, TC03].

Effects [AMB95, DZDZ01, KB96b, UD96, CK88, HLS03, KG04, SPBR91].

Efficiency [EH01a, GG01, LdSB+18, AG12, AG12, BC11, BYH+17, ESCV15, FRM15, FCP+15, GSWW04, HRM17, HJLR12, LB12, LZSL06, Ren11, SI86, SWHB17, SHC14, VETT18, YF09]. Efficient [AOSM04, AP94, AZC13, AKP95, AG86, AMK+07, BCO+12, BM16, BGH+03, BAGS95, BAH04, BRP03, BJK+96, BDH+97, BMIM07, CM04, CRK+09, CKK00, CCC92, CPW12, CN93, CS95c, DDNS06, EP90, ER97, FGG08, FBK98, FMR05, GPT06a, Gao93, GR96, GCKM97, GM94b, GRS97, GP00, GKS96, GNW03, HQPT99, HH01, HSL04, HASB16, HHC98, HHI93, Hwa97, IR12, Iq92, JBS14, KB93, KPC96, KS96, KLZ97, KKB+06, KS13, KR11, KA97, KBCG92, LJ05, LHHH11, LDP+14, LJZ+19, LY01, MD01, MLDG12, MB13, Mat93, MHC95, MS99b, NB93, NT93, NIR86, ND12, OS96a, OK01, OP96, Pad91, Par98, PA97, PP13, Pen11, Pra93, RV13, RSS99, RS96, Ruo16, RMU14, Rie98, RJCM95, San02, SMP15, SW96, Sch13, SSGG18, SHHC00, SMP17, Sin07, SWLZ17, SC110, TU92].

Efficient [TR96, Tur12, VB02, VBM90, WRC+02, WHT00, WCC18, XMD92, XLI18, Y98, YZLT09, Z907, Znh92, Zho7, dSAJ15, AA17, AFA13, ARI17, Ara13, AS19, BFH+17, BM11, BKC+15, BK13, BOY10, BR91a, Bic90, BBD18, BCK+13, BHK17, CWZ+18, CMA+18, CKN07, CP10b, CGW+03, CMN12, DM01, MDL12, MB13, Mat93, MHC95, MS99b, NB93, NT93, NIR86, ND12, OS96a, OK01, OP96, Pad91, Par98, PA97, PP13, Pen11, Pra93, RV13, RSS99, RS96, Ruo16, RMU14, Rie98, RJCM95, San02, SMP15, SW96, Sch13, SSGG18, SHHC00, SMP17, Sin07, SWLZ17, SC110, TU92].

Elements [GB93, KNS91]. Eleven [BSB+01]. Eliminating [DR98].
Elimination [BPST96, BMM97, CS95b, Cap87, ESGQ+11, KA91, Vel89].
Elimination-Based [CS95b]. Elliptic [PSE+01, BGH+03, SKH15].
ELLPACK [ZGG+14]. ELLPACK-based [ZGG+14]. ELM [CLOL17].
EM-4 [BAM93]. EM-KDE [EHL+15]. embed [SKK91]. Embedded [WA02, BM17a, CNLGRRL18, CkLCK04, CkLCK05, CRJ10b, DQR+09, FWM+10, GZG+17, GSWW04, KR06, LLLC15, MBR08, MGRRK14, PRHB06, XLL15, YZX11, FWM+10]. Embedded-TM [FWM+10].
Embedding [ANS97, Anm94, AM93, BL89, CCCM96, CS95a, Efe91, Efe96, HKMU98, HJ90c, LSC00, LPS+98, Lin03, NPI+96, PW16, PM92, QM01, RWY93, SHL95, SLP+98, TT98, TLW94, TL96, Var91, Wag89, Wag93, Wag94, Wan01a, Wn85, WFL98, BG90a, FLPJ07, FT04, LFZ+17, PW17, YLZW18].
Embeddings [GH93, HM01, HOS94, KC98, MT93a, OS97, OD95a, CL91a, GNW03, LLFJ18, YTH07].
Emerging [Ano02v, BKC+15, KHT+14]. Emitter [FPM+14]. Emitter-coupled [FPM+14]. Empirical [FTC00, LR93, LGK+12, NXTK17, XZS96].
Employing [AGMJ06, PKW+10]. empty [Deh90]. Emulating [KMS10].
Emulation [JH94, PRW94, LST17]. Emulations [RGD03]. Enabled [MLW00, CSL15, CCN06, GQZ18, GRJ+15, KTF03, LMXJ18, NML+19, TODQ18, ZXR18, ZHLQ12]. Enabling [ETS14, FCG+14, JKI13, SP08, SA19, TT10, ZIP06, ZCF+17, DKKV15, HRH18].
Encoders [TLL+18]. Encoding [AAL95, CP10a, WLCZ15, ZWQ+16].
encrypted [SW+17, ZHT16]. Encryption [WCCH18, ZAA17]. End [Ano08, Ano09, Ano10a, Ano10b, Ano11j, Ano11k, Ano12n, Ano14f, Ano14g, Ano15k, ZLCJ12, CXQ+18, FGP05, GBMZ07, HPSM91, ORWT+18, WG11, XLL15]. end-systems [GBMZ07]. End-to-end [ZLCJ12, WG11, XLL15].
endpoint [Hsi04]. endurance [WCWO17].
Energy [ALF03, BOY10, BYH+17, DKM10, DKY01, FWM+10, GQZ18, GYP13, KR12, LK13, LBMG15, LL10, LW16a, Li16, LN1AL7, LSC+15, LR03b, LY13, MGSG12, MTL+18a, NMS+18, PLR07, QSL+08, RM11, SP13, SSSG13, WHC+18, WH17, XHZ+10, ZZJ+18, AHG12, AK18, CV16, ECL1V2, FRM15, FCJ1+18, FCP+15, FKL180, GY10, GDCC18, GTN+06, GL12, GPSh19, HP06, HRM17, JZZ+17, JZF+15, KR10a, KSI04, KyLPC17, KCR14, KSSK16, LR14, LCW05, LL12b, LLLC19, Li19, LZZ11, LLLD15, LCB16, MMK+11, NS12, OMT+17, PCMM+17, RWE+13, RLA+16, RLA+17, RFS+12, RT18, RT21, TLY12, UMM+18, VRGS17, WMW09, WLST16, gWW18, XS11, YL12, YZS15, YAK15, ZW11, ZWY+15, ZWWX16, ZLCC18, ZHLQ12, MSK+16].
Energy-aware [GQZ18, LBMG15, LN1AL7, LY13, FCJ1+18, LR14, LLCC19, MMK+11].
energy-constrained [JZZ+17, KSI04]. Energy-efficient [DKM10, GYP13, LK13, LW16a, LSC+15, MGSG12, NMS+18, WHC+18, WH17, XHZ+10, GDCC18, KyLPC17, KSSK16, LLLD15, TLY12, VRGS17].
WMW09, WLST16, ZHLQ12. Energy-Friendly [MSK+16].
energy-performance [ECLV12]. energy/power [OMT+17].
energy/power-aware [OMT+17]. ENF [CK97]. Enforcing
[KMF+05, Kub17]. Engine [KSL85, Ram92, HVW16, XTN12, SD88b, XP10].
engineer [GS18]. Engineering
[LWR+03, BCD+15, CCE+17, Gai87, Nee17, PRHB06]. Engines [SD00].
Enhance [WLID02, DZC17]. Enhanced
[BOSW94, MD13, OPG08, OS96b, OSZ98, RK18, LLDL15, dOBB+15].
EnhancedBit [ARD14]. Enhancement
[KJ84, TC92, DK04, KS18, NGQM12, RH05, RM90, TBG+17].
enhancements [ESGQ+18, LÜ14]. Enhancing
[AYIE98, CGN+13, CRA+08, GRR13, HWLR14, dAMFdS13, MH18, OM10,
QGZP17, VETT18, CCHC09, JBY+05, VA03, WZX05].
EnhancingBit [ARD14]. Enhancement
[kBC19, SV18]. Ensuring
[JF95]. enterprise
[BJPPM+08, CCEB03, GSASA19, LSH+13]. entities [Ahu90]. entity
[MPN17]. Entropia [CCEB03]. Entropy
[TV092, VO89, DFHH13, WMW09]. Entropy-Driven [TV092].
enumeration [SSTP09, SR90, WCH+17]. envelope [GC07]. Envelopes
[BMRC98]. Environment
[AT94, AD95, ALL99, AA95, BB93, CP97, CLZ02, CSMMML0, CCRS92,
CHR94, CB96, DKY01, DRSB01, GYAB11, KZ96, KC99b, LC90b, LAS+97,
L99, MHH93, RS92b, RSD94, SG93, SRGB00, SS00, WH97, ZL93, AO9+05,
BLZ+18, CK88, C/8S06, JIWX11, KVHS07, KSS+07, KK10, LLY08, LL18,
MY+Y17, MAR05, MLK12, MML07, SSKS11, SSM+06, VD18, WD13].
Environment-conscious [GYAB11]. Environments
[CTD99, CLRW00, CP99, KR96, KR97, KER01, LTH97, PRS97, PRG88,
SS96, WSRM97, WSA+94, ATZ07, BAL05, BPA06, BH05, BSMH08,
CTKA17, CLL09, DBC03, DWX10, ECP+18, ECLV12, FRM15, FCJG+18,
FMI18, JS86, KV10, KAS07, KKLJ+11, KCFP18, Ksh12, LY91, LSH+13,
LWR+03, LML+10, LWSC14, MK08a, NP09, PP06, SJ12, SZB16, SZL10,
SJS11, TZ11, TG03, WMS12, WG11, YT05, YCC05, YWG15, ZLWZ18].
Ephemeral [AGMS16]. epidemic [AZH11, LpJS+18, MSF+13].
epidemiological [Rao16]. epistatic [HLS03]. EPLS [CLC+17]. epochs
[PBS08]. EPPOD [WH97]. EPSILON [GH90]. EPSILON-2 [GH90].
equal [ST85]. Equation [DM90a, RW01, Gao86, JGMY17, LW08, W14].
equations [IK94, MV94, PSE+01, QOvdG01, TH02, CM03, GGR89, GS91b,
SHP13, T16]. Equivalence [OO85, CM04, SM92b]. equivalencing [ES12].
era [MBG+17, SC10]. Ercegovac [Ano92a]. EREW [DL98, HS94a, ZK94].
Erlang [CLG+16]. Erratum [Ano92c, Ano93e, Ano96l, Ano00d, BS96c].
Error [Lat98, Par92, WCF94, BGBC+16, DFHH13, OWK14, PKN08, RF190].
Error-Correction [Lat98]. error-prone [OWK14]. error-resilient
establishing [GPJA10]. establishment [SZMK13]. estimate [BKK+11].
estimates [TDBL13]. Estimating [CCK88, LGL13, MK92]. Estimation

exploitation [PVGG06, VFAD17]. Exploiting [CB15, CKK00, DL99, FTM+19, FKL08, FY97, HT90, JBY+05, LKS14, MNB95, NMS93, RGAN18, SH92h, VBF13, WYTX13, ZLWL12, CDS14, GJXZ05]. exploits [GBMZ07]. Exploration [SDBG+18, BKC+15, CKK+13, LLKY13, OT19, TKKH17, TD07]. Exploring [ARP18, LR93, NXTK17, PCMM+17, ROB+18]. express [APRA18].

expression [GS91a, WSH+03]. Expressions [GKHS96, Mer96, DeG88, DM90b, JK89, LGK+12, MP88]. expressiveness [HdR13]. Extended [BLG01, LWO02, Re84, E07, LWQ18, YW12]. Extending [BBCL04, CMR10]. Extensibility [GBMZ07]. Extensible [FLCB10, HGFF10, ZWL03]. extensions [DPSD08, Oza04, JMM00].

extracting [BCH15]. Extraction [YB01, CLC+17, HP06, LLS+16, Pla08, Raj08, WJ07, dAT17]. Extrapolated [DM17]. Extrema [AFS96, RKS87]. extremal [FSV14].

fabrics [ZRN+14]. face [CMN12, NH0+13]. facilitate [Udd19]. Factor [GG01]. Factored [BSG90]. factorization [CSD18, FHL+15, MVV91, OT19, She06, ZLRP91]. Factors [BP98, EL88].

Faddeeva [CF98]. fail [BCC+18]. fail-stop [BCC+18]. failed [Tr90]. failovers [SI13]. Failure [AAI+15, FCF00, Fu10, JAB12, BKMT14, DGFGK05, FX10, HK05, JKEI13, KV10, LGZ+10, LFA05, MFVP08, PCLP16, YF07, YHY18b, JKEI13].

Failure-aware [Fu10, JAB12]. Failures [ADS01, DT02, VR94, VR95, DGF10, GTP06a, HRC09, LY10, MR09, RLH03, SCMS12]. Fair [ALH+09, BHT14, KY20, KK18, Tau16, AS19, GNT04, KS03, KDH08, LASS15, SPC+17, SCG10, XWC+08, ZLL14, ZQMM11]. Fair-share [KKH18]. fairness [Ara13, SHC14, ZLCJ12]. False [HF96, KG04, LLWC17]. families [FSV17]. family [NS90, ZDC06]. farm [TBZB05]. farms [JTZZ11, MCP+18].

Fast [ABCP96, BC06, BV13, BF97, CK06, CXX+18, Cor93, DP00, DS04a, DPR85, EM89, FZC+05, FR96b, GM94b, Gil94, GSC96, GZ97, GJZ05, HZA+15, HN91, IK94, JNW96, KK06, KSSG14, Lat98, LH09, PH91, PA04, PT97, RHH96, SS03, San98, SR94, SHT+95, SGS08, SA08, SDG08, ST05, TPLY18, TF01, ZYY96, YD98, YB01, ZLZ+19, AGMS16, BC05, BBBC12, BF13, BHK17, Cal06, Can18, Ke03, KA91, KP05, LLS07, PH16, ST85, TS91, WWW17a, WJ12, XLH18, Yan04, CVK+18a, LLCL98]. Faster [BMM97, GS03a, LS05, CM03]. Fat [Zah12, CI03, CS06b, ESGQ+11, ESGQ+14, SK05b, YMLP14]. fat-stack [CS06b]. Fat-tree [Zah12, SK05b]. fat-trees
ESGQ+11, ESGQ+14, YMLP14]. **Fattened** [GMVRGS16]. **Fault**
[AE95, AM97a, AM95, ABBD14, BXA08, BSS97, BMM97, BW95b, BKMT14,
BPA06, BCH95b, CLMRL15, CRV94, CL93, CKN07, CY95, CC94, CDR09b,
CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, JBA15,
KP00, Lan94, LBT94, LFZ+17, LGG08, LC96, MD01, MRRS98, MPG17b,
Pak89, PB95, Pin01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95,
WIKC97, WW97, Wu94, XCS06, XHZZ16, mYyF92, YBOY97, mYA91,
ZY002, AA14, AA16, AENE13, AOSM05, ARVZ14, BB87, BJ15, BDDL09,
BPP05, CL91a, CW09, CWL+07, CDR09a, CMT92, CMS04, CAF+11,
DTK11a, DH91b, EBE08, FLPJ07, FZ90, FABG+19, JBS14, KG10, LCC+05,
LHL14, LH05, LFGM17, LAC18, LP06, PR06, PL06, PNAS+15, TCHC12,
ZV09b, ZJ06]. **Fault-Detection** [CY95]. **Fault-Induced** [WIKC97].
**Fault-Sensitive** [VR95]. **fault-tolerance** [BJ15]. **Fault-Tolerant**
[AE95, AM97a, AM95, BW95b, BCH95b, CRV94, CL93, CC94, FM99b,
HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97,
SCC92, WIKC97, Wu94, YBOY97, ZYO02, ABBD14, BKMT14, BPA06,
CKN07, GNS09, JBA15, LFZ+17, XCS06, XHZZ16, mY9A1, AA14, AA16,
AENE13, AOSM05, CL91a, CMT92, CMS04, DTK11a, DH91b, FLPJ07,
FABG+19, JBS14, KG10, PR06, PR06, TCHC12, ZV09b, ZJ06]. **Faults**
[LT96, WFL98, CP17, ISM07, LLFJ18, PMHM19]. **Faulty**
[GP97, HIKM94, NSLK99, Pel95, RS96a, Tse95, TL96, Wan01a, Wu02,
YTR94, oPP00, Che05, DD96, PK04b, SKK91, YTH07]. **FCFS** [Ara13].
**FDM** [ORR03]. **FDM/FEM** [ORR03]. **FDTD** [SS11]. **feasibility**
[ESGQ+18]. **feature** [CLC+17, DKC14, LLS+16, PL5M18, PF04]. **features**
[CG16, LMJX18, dAT17]. **federate** [CTC08]. **federated**
[SBJ12, TODQ18]. **federated-IoT-enabled** [TODQ18]. **federation**
[CTC+10]. **Feedback** [MTM10, HWL18]. **Feedback-directed** [MTM10].
**FEM** [ORR03]. **fetch** [AK07]. **fetch-and**-[AK07]. **few** [Sch14].
**FFT** [ABZ95, HR92a, JMS86, JGMY17, RKK97, Tay87, VAF19, WJ14].
**FFTs** [BH03]. **Fibonacci** [Alu97]. **Field** [BA92]. **fields** [CRR00, EL07, LLPLC+19].
**FIFO** [BCLR96]. **File**
[FPD93, GL92, HWL14, KE93, MS96, WDDK09, WMG01, ZLH+18,
CTC11, DT11, DLV+12, HOE+09, KYS13, KUA07, LH+18, LCM+06,
MXSL12, No12, SC04, SZ09, SSX14, Wan06, WZZ+17, ZJ06]. **file-sharing**
[KUA07]. **Files**
[BNS00, JSM94, Lin93a, WRC+02, ARDQ18, BCK+09, Che99, WJ12].
**Filling** [BFG94, ST12]. **Filter** [IWOG02, VRG17, SMPMLVS11].
**filter-based** [SMPLMLVS11]. **filtered** [LKB+15]. **Filtering**
[BTG02, BW18, CH06b, Kep03, PVG09, ZCK+02]. **financial** [PVRS17].
**find** [Hoh90]. **Finding** [AFS96, BS97, BE95, CCC92, DH94, DWHL87, FSV14,
FTL92, HHC98, KRSZ02, Kar02, MT97a, MHPR05, OMSGNSG05, PGS06,
SH92b, RKS87, WCH03]. **Fine**
[CLZ00, FR92, IBP08, LFA96, Man13, MPV12, NS97, PY96, SA93, WD94,
CHLL18, FW05, FSD04, GVA+08, IKS87, PL03b, TKHG04, ZCF+17, LM09].

Fine-Grain [FR92, LFA96, FW05, PL03b, TKHG04]. Fine-Grained
[PY96, WD94, IBP08, Man13, CHLL18, FSD04, GVA+08, IKS87, ZCF+17].

Finite [BCV94, CSSY94, HB97, HNM02, WLD00, CDR90, FC14, HM06,
HT90, KME09, LWCC15, SI11, SI90, PPTV+10]. finite-difference [SS11],
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

finite-difference [SS11].
finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06], FireGrid
[HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17,
Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05, ZCS+18]. first-order
[MP87]. first-principles [DAG+17]. fit [SP96, HLS03].

AGG98, CLRW00, EMP+96, GHSJ96, KZ96, KK95, LAZC00, Sin95, ZM94b, AAA+15, AMU+19, Annm16, AM12a, AC16, AK06, BA13, BA06, BCFF05, BM12, BGM+08, BJ18, CCA18, CCC+04, CV16, CHX+17, CMPS18, DV13, DMB+03, FGM+03, GRDB05, GM13, GFPC14, HSH10, HDT+05, HR17, HRH18, KTP17, KKS+12, KL05, KBC+10, LV15, LS06, MCM+11, MJ03, Men18, MBR19, NLB+18, PAL11, PAG+18, RB11, RGD03, RW02, ROB+18, SAL10, SMH+14, SGdSS13, TZH+06, TLW18, VS18, WTWZ16, WH+17, WIX+18, WMG13, YTO5, YLB+15, dAT17. Frameworks [KRS13, KRS14, DAB+14, uRIL+18, UMM+18, ZKZF18]. Fraud [BST01].

Free [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, ACH18, CB06, DFP06a, Dav17, FKKR16, HV09, HS09, HA06, JBS14, KH12, LASS15, LWW18, MYM10, MBMC19, MKM16, Pen11, SD91, SSdB+10, ST05, ST08b, TT07, VBDRC13, Z0h12, dOBG+15]. Free-Space [KM97, RP98, SH98].


[Auo18, Ano18a, BBN93, SWW+17, SR88b, SR90, HH97]. full-access [SR88b, SR90]. full-text [SWW+17]. Fully [BNP02, Fer95, KP00, SJ95, CP04b, DM90b, DTK11a, tH90, SI89, TR08, YME06, LM09].

fully-distributed [DTK11a]. Function

[AGG98, HLJ98, MJ94, SB02, ABO+17, BNBR16, LRS18].

Function-Composition [HLJ98]. Functional

[AB84, MAh95, SC95, QSL+08, WMY+17, WD18, YJB91]. Functions [TG97, VR94, AMT13, CMR+18, MM15, RMU14, SJVRVS19, WD18].

Fundamental [GL92]. Funnels [SZ00a]. Further [PMV06]. Fusing [TVT96]. Fusion [AMB95, STN92, ECP+18, QSL+08]. Future

[AE88, KS95, MKN12, PJ18, ACB+15, ECLV12, LY13, MKN14, PSC+16].

Fuzzy [BCF97, DFLO17, TZ11, KKTZ13, KC04, NC09, SMO14, ESCV15]. fuzzy-based [NC09]. fuzzy-decision [KC04].

G [GDL+11, GA18]. G-PaMeLA [GDL+11]. G/M/1 [GA18].

G/M/1-type [GA18]. G2 [KTF03]. Galactica [WL92]. Gallop [Wei98].

Game [AaJS01, BS00, KK10, PC11, JTC+18, Sch89a, YpGyLC13, Zep91].

Game-Theoretic [AaJS01, PC11]. Game-Tree [BS00, Sch89a]. Games [DKY01]. gamma [KMC16, VR86]. Gang [FR92, FR96a]. gap

[BJS03, KLJ+11, KR17]. GAPP [KA91]. Garbage [KS00]. gas

[OGRV+12, KZ96]. Gate [OM90, NKV14, WCF14]. Gate-Array [OM90].

gateway [KKKP12]. gather [BM04b]. Gathering

[Lat98, PMHM19, JLY12, LLW07]. gating [CZPP16, ZCF+17]. Gauss
Gaussian
[BPST96, BMM97, Cap87, DPRW85, HAC17, KA91, Vcl89, WL11].
GbE [LB12].
GCD [Psa96].
GCHAR [CWZ+18].
GCSNs [Buc92].
GEL [LT105].
GEMM [JM15].
Genehunter [CPO+03].
General [Ano96l, BHRS95, CG02, GFB+92, KL08b, Seb95, VA07, AZW13, BCF05, CBM+08, CYZ06, CW15, FK89, GFPC14, LB09, LV15, LCB16, MSAZ10a, MSAZ10b, OFS03, PK05a, Pel90, RGD03].
General-Purpose [GFB+92, KL08b, CBM+08, LCB16, RGD03].
Generalization [GCM95].
Generalizations [Oru94].
Generalized
[AKPT99, Bai94, BETD94, BR91b, DMCFCM03, Fer93, FAM96, JH92b, Lee94, PE93, SS91, WIKC97, WL95, YN92, ZLPP01, FK89, HSH10, KMP+06, Luk85, Nic88, TDM05, WRW13, YCC05, ZLMC14].
generals [CBV08].
generated [MTM10].
Generating
[AAK+13, AMS94, Bec96, CGL+95, CJ07, GHSJ96, SS96, SCMH13, SOG94, TH02, Wri91].
Generation
[ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a, NC97, RGS00, RNSB96, SSHCO0, ABC+99a, ABC+99b, AFM99, Arb89, BCK+13, FK89, GA09, GNM18, GMX07, HPB+10, HZZ+19, KI13, LC92, Meg91, NAB+11, ORWT+18, RKK06, SB04, Trä09, Zsa16].
generator [Pet18, WSG91].
Generators
[Alu97, Bro96, PK89].
Generic
[PA01, AK07, GM13].
Genetic
[ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02, WLID02, AL04, ALM+16, ANEA13, AB13, BCFF05, DK11, HSSM07, KM03, LA04, PKN10].
Genetic-Algorithm
[WA02].
Genetic-Algorithm-Based
[WSRM97].
genomes
[KESA07, SPRG+12].
genomic
[HLS03].
genre
[WIR+18].
geocast
[DRC90].
Geometric
[ABr96, BMRC99, CDRC99, GM96, KV88, WPKK94, AG86, CMN12, KK06, MRS+14, TSFZ14].
Geometric-Decaying
[GM96].
Geometry
[DFST13, OGRV+12, SJVRVVS19, WMG13, YPCW16].
GPGPU
[DFST13, OGRV+12, SJVRVVS19, WMG13, YPCW16].
GPGPUs
[AFK14, DKK18].
GPS
[AKBD10, LW18].
GPS-free
[AKBD10, LW18].
GPU
[YJL16, ARP18, BCMV15, BDRB14, BFKW13, BHS13, CSL15, CMFT13, CMR19, CW15, DV13, DBA+18, DFHH13].
GPU-accelerated [DCA+15, Eme13]. GPU-based [BCMV15, BDRB14, BFKW13, DBA+18, GMMP12, PDP17, Ski16]. GPU-Investigations [Sch13]. GPU-sorting [SA08]. GPUDirect [ARP18]. GPUs [ASES15, AVAH18, BBBC12, BBR13, BCK+13, COV13, CGN+13, DP16, GOH+13, IBP08, JM15, LMGGLGL17, LJZ+19, LW16b, LV15, MBW16, NSK17, NHz+13, PVR17, RGU08, SHT+08, TH13, ZSW14, ZG+14].

Graceful [AA14]. Gracefully [BBR94, CGA98, LH92, RCB93]. Gradient [Bas97, BM08, GLW14, LR14, PB09]. gradients [McA89]. GrADSolve [VD04]. Gradual [ADDP19]. graduate [APV18]. Grain [FR92, LFA96, Mah95, NS97, SA93, CT94, FW05, GSWW04, PL03b, TKH04]. Grained [BR96, CDRC99, CLZ00, DFRCU99, HK06, PY96, SR97a, SR97b, WD94, BM04b, CHLL18, FSD04, GYA+08, IK87, IBP08, Man13, MPV12, ZCF+17].

Gram [ZLPR91]. Grammatical [RBB17]. grand [SIY14, SAB+92]. Granularity [CDH84, WCL+13]. GRAP [FGL+11]. Graph [Ay93, CCM01, CHGM01, GIP96, HJ90c, Kar95, KK98b, KC98, KA99, Lat95, MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TVS97, TLW94, WCE97, ZW00, BDK+15, BDQ86, BCK+13, BM08, CM03, CSJ+13, DeG88, DCA+15, GHC+17, HLM+90, KSSG14, LK15, MPZ09, MMS09, NKT17, PK07, PS14, RGAN18, Ros89, SSKC+15, SW91, SGR03, SMT15, WCC02, WCH+17, YFBY17, ZCS+18, ZNQ93]. Graph-Based [CHGM01].

graph-partitioning [GHC+17, SW91].
grahene [KRM14].
graphene-CMOS [KRM14].
grahic [SKH15]. Graphical [CMT93].

Graphics [BHS13, DGK13, ATDH13, BK13, CLA+18, CBM+08, KL08b, KME09, PYP+10, SCB08, SIY14, ZMCP11, Eme13, GLGLBG12, YL12, YJL16].

Graphs [ANS97, AKPT99, AS96, AKP95, BS97, BP07, BP98, CP98, CA95a, CDF01, DDD98, DS84, DH94, EMM94, FA95, GY92, GS98, GSG+93, GS99, HOS94, IZ95, JR95, JSS92, KK98a, KW02, KA97, OS97, PRW94, PA98, RDL95, TL96, VI96, WIKC97, WLD00, AAK+13, ANP07, BC06, BKS05, BD05, BCF14, BKCM17, CP04a, CDDL10, CDS10, DM17, FT04, G1K,Ho04, HS03, JPD17, Lin03, Lo92, LKB+15, MHP05, MSZ05, NCA+12, Nk04, PD05, PK04b, SS03, STMZ18, SP90, TGB+17, Ten16, TSFZ14, WWW17a].


Gray-to-binary [HRJ94]. Great [KF90b]. Greater [Ebe94].

Greedy [KNS06, BGM+08, HDJ08, KHW13, LLS07, STMZ18, Ch090, dOBG+15].
Green [DAPR18, AG12, BFH+17, WCL+13]. Grex [BK13]. Grey [FGL+11]. Grid [AKPT99, BR02, BAK+03, Hua17, MD13, SDG08, TF01, AAH17, CP10b, CCEB03, CGW+03, EI07, FGZ03, JdSJ+15, KRKS11, KV10, LBE03, LFH+03, LL12a, LLWC17, LB09, MC03, PF04, SMB10, SZL10, TLQS12, VD04, WH17, ZV09b, dKG+10, AOS+05, ABCM07, BAS06, CS06a, CTT08, CCN06, DBC03, DW12, ED05, GBA08, KTF03, KVHS07, KKS08, LCC+05, LS+13, LL07, LTIK05, LS10, LR05, MCT06, RAB08, SJB12, SV08, SAOKZ05a, SAOKZ05b, SXZ06, SSM+06, SFEF06, TYH09, TMM06, TD07, VPHML06, WS06, YT05, YWD08].

grid-aware [FGZ03]. Grid-Based [BR02, CP10b, VD04, KKS08, GBA08, LL07]. Grid-computing [BAK+03, SAOKZ05a, SAOKZ05b]. Grid-enabled [KTF03]. GridBench [TD07].

gridding [GOH+13]. gridding-accelerated [GOH+13]. Grids [CCCM96, HKMU98, HOS94, ACFK07, ARDQ18, BMT12, DJH11, GVBB13, GRDB05, GM14b, JV09, LKS14, LL10, Mit07, PHS04, SMO14, YZS15, AAD10, ABCM07, GTN+06, GJ08, Ng06, SCN12, TZ06, VB08, WW03, WLL08].

grooming [FGZ03].

grooming-accelerated [FGZ03].

Ground [BFKP04]. Group [CWZ+18, KKLJ14, LL12, RGV00, CJDC10, CHC05, Dim91, EDH17, LC14b, LHT08, dAMFdS13, MM07c, TC13, XO05].

Group-based [CWZ+18, KKLJ14, TC13]. group-shared [LHT08].

Grouping [CW98]. Groups [Oru87, WLD00, ARDQ18, CHC05, GCS06, LKM12, MS05, Ros89, WLZ+18].

Growing [CRFS94, WLR90, IZ12, MGG03, OGRV+12]. growth [WCKD06].

GSM [TM06]. GSPN [CCM92, CCM01, SM92b]. guarantee [JM14, MZZC12]. guaranteed [HWWH08, LNA12, LNAL17, NGQM12, PY09a, WCWO17]. Guaranteing [Sch91]. Guarantees [MS00, OY00, ESCV15]. Guessing [DKY01]. Guest [WW03, AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95, Her92, JW94, Kri92, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, PA96, Sch90, SH92a, Sto90, TFV+15, BG90b, TY95, WC05].

Guidelines [An000d, Ros99].

h [CP04a]. HA03094L [Ano04e]. Hadoop [FRM15, GYY+14, HWL18, HWLR14, YLB+15]. Half [RS94]. Half-Duplex [RS94]. Hamiltonian [DP98, Hsi04, HAD15, LSC00, LLFJ18, Nik04, Wan01a, WCC02, YTH07]. Hamiltonicity [HTH02, Ste17]. handheld [WL04]. handle [RK18]. Handling [BW09, CV09, SYC92, KVA18, KV10, LNW+12]. Handoff [SK05a, FCZ+12, ZBR11]. Happened [HCR12]. Happened-Before [HCR12]. happy [KSSK16]. Hard [DJ98, GFPC14, BRR01]. Hardware [BK18, DGNW13, GS00, MD01, MCAS12, RPS93, SCC+06, SHA17, TF92, The02, TH08, VH93, Zsa16, ABC+09a, AF06, ABO+17, BDM18, BJS03, CV16, CGC16, CP17, CM12, FWM+10, GKS15, GVA+08, HDJ08, Hus17,
Hardware-accelerated [DGNW13, Zsa16]. Hardware-Efficient [MD01]. hardware-generated [MTM10]. Hardware-Only [GS00]. hardware-software [CV16]. Hardware/software [SCC +06]. Hardware/software [SKH15]. Hardwired [DM88]. hardwares [SKH15]. Hardwired [DM88]. Hardwired [DM88]. Harnessing [MTL +18b, VPHML06]. HARNESS [MSS00]. Harnessing [MTL +18b, VPHML06]. HARP [SSB98]. harvest [WS06]. harvesting [RB12]. Hash [LACJ18, SX08, TT10, ABO +17, HKW05, SRT +18, TC04]. Hash-based [SX08]. Hash-based [HSMB91]. Hashing [WPKK94, YB95, BMLLC +19, HDCM11]. having [BSMH08]. Hawkeye [AGG98]. HBS [CK13]. HCL [Pfe90]. HDL [GB11]. HDL [DSEP17]. Head [ESGQ +11]. Head-of-Line [ESGQ +11]. healthcare [AMU +19, SMW18, Udd19, VS18]. Heap [DP98, ZK94]. heat [LGG08]. Height [LP96a]. Height-Limited [LP96a]. Helary [Ano96l]. Help [IR12]. helper [DKRI09]. helping [ACH18]. herd [KS18]. Hereditary [CDF01, Hs04]. Heterogeneity [Las12, Las13, XLL15, BKS05, CL03b, LPJS +18, XQ07]. Heterogeneity-driven [XLL15]. Heterogeneous [ANT02, Ano97k, BSS97, BPR99, DBP94, EKNS17, H94b, HC97, KL01a, KRMI4, LAS +97, LHHB +01, MAs +99, Msd +95, MP96, NRS95, NDZA99, PP92, SC91b, WR97, WSRM97, WMC +18, Won99, YZS96, ALM +16, AAD10, Amn16, ALF03, BKCC +15, BD05, BCFF05, BR08, BRP03, BKCM17, BEN12, BH05, BSMH08, BSS +13, CSW08, CCK +08, CCK11, CDR09b, CGW +03, CJ17, DK08, DK11, DO06, FMRO5, GqZ18, GRV08, GNT04, GZY14a, GWWL94, GMX07, GAOGH17, Hus17, JST12, KHN17, KUA07, KyLPC17, KSG13, KSS +07, KAS07, KN18a, KN18b, KMS +06, KL13, LWC +18, LR06, LLL06, LLLY13, LMR05, LL2b, LDP +14, LLY15, LNL17, LLLZ19, LPX05b, LV15, LFGM17, LLS07, LXX13, MSGS12, MVBO5, MTS09, NDP13, NFHL13, ND12, NP09, OP18, OJP +18, PKN08, PKN10, PP13, PSB +19, PTA08, Pla08]. heterogeneous [QJ05, QQL +09, REK10a, REK10b, RGA18, RN04, SSFP11, SSM +16, SS11, SX08, SCS +08, SCMS12, SZMK13, SHL +13, SSM +06, TLL10, TLLV10, TFMS15, TG03, UAKI06, VLW18, VBF13, WQL14, WTW16, WSG91, WJ12, WG11, WYTX13, WJ14, XLHT13, YLL17, YH07, ZM +16, ZTFK16, ZLW18, ZSCX18, ZHLQ12, VAF19, VBF13, YFAD17]. HeteroMPI [LR06]. Heuristic [BA92, DDDD98, EHMN95, KLZ97, XH93, DK11, HS06, KJD03, KKS +12, PKN10, PM05, SWP90, VB08, YFBY17]. heuristic-genetic [DK11]. Heuristics [BSB +01, CY92, GJP96, IAS +92, KUA07, TSC01, AKSM08, JST12, KA08, LLS07, ZHO03]. heuristics-based [KA08]. HEVC [Lla17]. hexagonal [GSSS03]. HHN [YP96]. HiCOO [YQTV12]. hidden [HB11]. Hiding [HF02, WL92]. Hierarchical [AGF94, Buc92, BM95, CAB94, FR96a, HR92b, HR92a, yHY97, KZ96, LJ00a, MS00, MD13, OM90, SHT +95, TM06, T92, T92, Tan84, TW89, T912, VSIR91, WHT00, YQTV12, YP96, AAI17, AGMS04, BJS18, BMT12.
Hierarchical-Memory [VSIR91]. Hierarchies [VN93, BW89, DTK11b].

High [Ale19, Pad91, WYTX13].

High [ABDS02, BJ99, BBH+97, BNSP99, CLA+18, CY99, CD98, DS02, DYL+12, DB18, FGKT97, FC14, FM99b, GP93, HES10, JSCB95, JLRA97, KMKD97, KS95, KRS13, KRS14, KRS01, LC97, LS01, MR94b, MBG+17, Nce17, NKC+97, NTC03, PP08, PVG09, PBB+17, SWHB17, TF92, TMM06, TPJ+19, VFAD17, XMMD17, AM13, AR17, AB03b, AGWY11, BSW07, BAT+19, BDDL09, CCC+04, CBP02, CVK+18b, CTCX08, Cuz11, Cuz13, DK08, DB08, DKK18, DF12, DAB+14, DMS+16, FHL+15, FGP05, Fu10, GOH+13, GTN+06, GMSS+11, HOE+09, HRC+11, HCZ04, HT90, HVW16, ICQO+12, JBY+05, KVNV17, KSB11, KME09, LWC+18, LMSK18, LW+03, LSXX14, LJZ+19, LB18, LAC18, LB07, LS07, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SR91, SGdSS13, VAS+13].

High-Availability [LS01, Fu10].

High-dimensional [HT90, PK07, WRW13].

High-end [FGP05].

High-Level [BNSP99, CY99, FGKT97, JLRA97, KMKD97, KRS13, KRS14, KRS01, PBB+17, TPJ+19, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMSS+11, HRC+11, HCZ04, ICQO+12, JBY+05, LW+03, LSXX14, LJZ+19, LB18, LB07, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SR91, SGdSS13, VAS+13, WSR+17].

High-Priority [TF92].

High-order [KME09].

High-Performance [BNSP99, CY99, FGKT97, JLRA97, KMKD97, KRS13, KRS14, KRS01, PBB+17, TPJ+19, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMSS+11, HRC+11, HCZ04, ICQO+12, JBY+05, LW+03, LSXX14, LJZ+19, LB18, LB07, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SR91, SGdSS13, VAS+13].

High-Throughput [FM99b, CLA+18, BS07, HT90, HVW16].

Higher [GSS03, HS17, AM06].

Highly [BDHF90, CAB94, DF17, KHT+14, MD01, NKC+97, VH93, WIKC97, AFA13, ATH91, GV86, SM08b, SMT15, Ter16].

Hints [CK13].

Hints-based [CK13].

History [WBTM09].

HLA [DB11].

HLA-based [DB11].

HMIPv6 [CKML12].

HMVFS [ZLH+18].

Hoang [Ano92c].

Hoc [Ano01e, BDF01, GS01b, LAZC00, Pat01, RBP+11, TM10, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BN03, Bou03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, JLWX11, KK06, Kim11, KSK15, KNS06, LR03a, LX05a, LW06a, LW14, LC14b, LR03b, LHT08, NMM+14, OSL05, OM10, OMSGNSG05, SNCP12, SSM+06, SGS08, SKMM04, SJS11, TC13, VA03, WTB+08, WGS08, WBTM09, WSH+18, XHG03, XWC+08, XG03, YC04, YSS11, YWW12, ZMC06].

HOG [RBG17].

holistic
[WL10, ZHH15]. home [HRM17]. Homogeneous [LS97, BM17a, CRJ10a, GHS86, OOSGVG16, SCJ08]. homology [DKKV15]. homonymous [AA15]. honeycomb [BPRS04]. honeyfarm [JXW06]. Honeypot [KMMZ06]. hop [BSW07, FCZ12, JLWX11, JM14, KHK18, MAM05, MPV12, NC09, RFS12, RB12, YMG01, ZMG16, CSW17]. Horizons [BP95]. host [LLWC17]. host-based [LLWC17]. hosting [SSVC10]. hostload [DKC14]. Hot [LKK94, NS95, MB19, TY90a, GPSH19]. Hot-N-Cold [GPSH19]. hot-spot [MB19, TY90a]. hotspots [ML05]. Hough [BA95, CP91, Fer93, GZ97, JS94, SSL04]. Householder [BDG15]. HPC [APV18, CVK18b, ECLV12, GYAB11, NC13, PCLP16, uRIL18, SCB09, WMES12, YFS15]. HPF [BCF94, CA96, HLJ01, KHS96, SS00]. Hull [DFRUC99]. hulls [GS03a]. human [CWZ18, WDS18]. hunt [MP15]. Hut [SHT95]. HW [RBG17]. HW/SW [RBG17]. Hybrid [BJL18, DBA18, Dali99, DR18, FA07, Gao93, LWCG14, NBM93, OS93, PA15, VD18, YS11, ZLH18, ALM16, AC89, BAMM05, CCQ06, CB15, CJ17, DK11, FX06, GLC14, HZL18, JAB12, KS18, KSJC17, LY13, LHZ18, MBS12, MMK11, No12, PARB14, SCS08, SHLN09, SSL04, SA08, TY17, WLL16, WHW17, YLL17, ZFT18, MMCL17]. Hydrodynamic [HC97]. Hydrodynamics [PAH98, VBDR13]. Hyperbolic [SSK96, SHRM19]. hyperconcentrator [CL90]. hypercontexts [LM05]. Hypercube [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMH00, DRC90, DFN94, FAM96, FPD93, GGD93, GT97, GBG93, HGCC96, IK93, IK94, JR92, JB98, KB96b, KM91, Lan94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, MYD95, NSL99, NT93, Nas94, OM90, RS94, Raj96, SYO94, SCC92, SY01, Sto90, TLW94, TL96, TC92, WIKC97, Wag93, Wag94, XMN92, YP96, Zia92, Cap87, CCS06, CS10, DE91, Efe91, Efe91, EAL90, ERS90, Joh87, KAP90, LEN90, LSS88, LS91, VM04, MAR87, RS90a, RS90b, RIZ90, SW90, TMK17, TS91, Wag89, Yan04, ZLRP91, YN92]. Hypercube-Based [Zia92, DE91]. Hypercube-Connected [LI92]. Hypercubes [AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, Fag92, FM96, Fra92, GP00, GH93, HM01, HOS94, Kav93, KMF95b, L92, LBT94, LW95, LT96, Moh97, OD95a, OP96, Pe95, PM92, RS96a, RJMC95, SHL95, SR95, TT98, WW97, Wan91a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS91, BL89, CL91a, CL91b, Che05, Ed91, FT04, GT04, GNO03, HNSA07, Ho91, HRJ94, LW90, Lai14, Lai17, SS89, Var91, WIB12, Wu85, Wu03, XCS06]. Hypergraph [DKUC15, ACU08, CBD09, DHK04, KJD03, TK08]. hypergraphs [STA12]. Hypermeshes [OK01, Szy95]. Hyperoctrees [DFN94]. Hyperplane [HS93]. Hyperreconfigurable [LM05]. hyperspectral [PVPM06, Pla08]. Hypersphere [AM93]. Hyperspherical [RLP14]. Hyperstar [AAD98]. hypertree [LTD93].

I-Caching [MM93]. I/O [AW95, CKL04, CKL05, Cho93, CQ95, CD95,
I/O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ+19]. IaaS [LQM+12, NC13, NKK16]. IBM [ASH+01, BAHP01, BR95b]. IC [CMR10]. IC-scheduling [CMR10]. IceCube [AAA+15]. IceProd [AAA+15]. ICS [HMY+18]. ICT [CTS17]. Id [HCAA93]. ideas [Sch14]. Identification [CS95b, EBE08, FCC07, GSASA19, MMN+18, ZAAB17]. Identify [XYG07]. Identifying [HS03, LT10]. Idle [CW93, CM92]. idling [CFI+18]. IDOS [BA01a]. IEEE [Ano93a, BCD00, FA07, HB11, VHH08, ZBR11]. II [HR92a, KHT+14, RLA+17, SMO14, SAOKZ05b, SR97b]. III [CP10b]. ILU [SZV05]. Image [BJ96, BM95, ELS94, HSJP87, HC95, KSL85, KC99b, LWY97, MWL00, MG98, NEG85, OS98, RS90a, RG87, SR94, SD88b, WS95, ZM94a, CDJ+89, CCN06, GSWW04, HLBM16, IKS87, Kep03, KM03, Lee91, LMSK18, LLS+16, MGG03, PI90, Pfe90, Sto87, SA90, UAPM07, Wan07, WRHR91, WJD91, WGCZ09, dAT17, FC14]. Image-Processing [KSL85, SD88b]. Image-to-Mesh [FC14]. imagery [PVPM06, Pla08]. Images [SYO94, Ara90, CL85, DH91a, NAK04]. imaging [KDO+13]. Immediate [Ksh12]. immersive [MBH+08]. immune [HD10]. Impact [Buc92, Ke100, Tze91, YAA10, GSWW04, HHS12, HRF+11, MLG05, RBP+11, SFT+13, SYYU07, WCF14]. Impacts [PCX+11, PCX+14]. IMPATIENT [GOH+13]. Implementation [ABGV11, AS95, BAHP01, BHS+04, CP91, CP92, CS95c, DM90a, DBKF90, EP90, HS97, HBH93, KM91, MSS00, NT93, NSPCC02, OS98, OP98, PAJC97, RL02, RW01, SDS10, Shu95, SM90, SK96, SE15, SOG94, TV092, VBM90, XMN92, YB01, ADV14, BFTV87, BG89, CEGS07, CP10b, CW912, CPO+03, FGG08, GKS15, Gro85, HES11, HVW16, JK89, JM15, KHT+14, KTF03, KA91, KP05, ML89, MCA15, MP10, MML07, MRT18, O005, OGRV+12, PL87, SM08b, SA11, Sol13, SMKL93, TR89, Tay87, TdAR18, XWC+08, YO11, dIAMCFN12]. Implementations [DT01, KLS4, SAC+98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tä11, TAY(16), YBM13]. Implementing [BC94, Coh90, DRC90, GSC96, HK08, MT95, DM90b, OB88, TR16, YFBY17]. Implications [AH94, BS96a, GTN+06, HKK+18, MT96, MG93, SH92b, TSA97]. Implicit [BAM93, Fre96, HWL18]. Implicitly [SAC+98]. importance [MLMSMG12]. imposed [BKS91]. impossibility [AP16]. Improve [CB02, DS95a, SKH96, CDR09a, CSW+17, GLC14, VRM10]. Improved [AM97b, AS91, CLZ02, Che05, CP10b, DL98, FT04, GJP96, HSH10, JR95, KLC05, Mi99, PB95, TC13, Tsz97, Wor93, Ara93, Bad04, GMVRGS16, TDC05, dIAMCFN12]. Improvement [yCM98, IAS+92, CZZ+17]. Improvements [GCB+00, WSS93, DPSD08]. Improving [AM13, AHG12, CLG+16, CRWX12, CKWT17, CAF+11, Dah99, DK04, GT02, GYY+14, GP05, GMM00, HHK15, Kan05, KZ11, LTL06, MBR08, SLKK12, WTB+08, AA10, CCK88, LBT19, SAL10, SK11, YF09, MMCL+17].
**IMSuite** [GN15]. **In-Memory** [SLL18, LLB+18, LHZ+18, VETT18, ZKF18]. **in-network** [BCO+12, JF12]. **in-order** [KMF+05]. **incentive** [CG12, YAA10, ZCMY12]. **incentive-based** [CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete** [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. **Incompletely** [BSGM90]. **inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WT+18]. **increasing** [RS08]. **Incremental** [ESCV15, ZN01, LY08, LRS18]. **incrementally** [SSB91, YC12]. **independence** [GK10]. **Independent** [BSB+01, Ger98, Hag97, MAS+99, PS93, WFZJ12, AFD+11, AK06, AY09, CL91b, CFJW13, EB13, HAC17, Li06a, LH09, LB09, LLS07, PDB13, SSM+16, SBC+16, ZW05, SSM+07, WCF14, WIB12, YWD08]. **independent-gate** [WCF14]. **independently** [XCH08]. **indexes** [OC07]. **Indexing** [FKJG08, GZ08, WIR+18]. **Indian** [Nec17]. **indirect** [Ho91, HBF12]. **Induced** [WIKC97, LM09]. **Induction** [BF01]. **indulgent** [WCYR08]. **Industrial** [MS99a, HMY+18, KKTZ13]. **Inexact** [Pla13]. **Inexpensive** [MT93b]. **Inference** [Ay93, FBRW03, PTZ06, SHK19, XP10, YWAT13]. **inferencing** [MK08b]. **InfiniBand** [ARP18, ASD09, ESGQ+14, ESGQ+18, GRJ+15, PK05b]. **InfiniBand-based** [ESGQ+14, ESGQ+18]. **influence** [MCS14]. **Influential** [Pla13]. **TAS+01]. **Info** [NTN12]. **Info-based** [NTN12]. **Information** [Bal90, BS96a, CY99, LA93, Oza04, AHZ11, AH11, Ana14, CKN07, DB86, JLWX11, KTP17, LY91, LSWC14, MP15, Pla08, Ps96, Raj08, RFPAG08, SH19, SSS07, SFT04, TKG+17, XCS06, XQ04, YDZ+18, ZFS07]. **Informed** [LM09]. **Infostations** [BPRG04]. **Infrastructure** [GC01, AFA13, HP8+10, JAB12, KKKP12, LCM+06, MBS+12, SW12, SWHB17, ZCMY12]. **infrastructures** [An04d, BPPM+08, FPF14, NAB+11, TD07, YK04]. **Inherent** [WW98, CB15]. **Initial** [dGP06, YS11]. **Initializing** [Nak95]. **initiation** [MM04]. **Initiatives** [Hua17]. **injected** [GK15]. **injection** [CP17, LLWC17]. **Injured** [Wu94, Wu03]. **inner** [Lis90, ST85]. **input** [LY08, NAK04, PMV05]. **Insensitive** [ST02, ST06]. **insertion** [SS17]. **INSIGNIA** [LAZC00]. **inspired** [CMMN10, GVB13, HD10]. **Instance** [SM94]. **instances** [PDB13, ZG13]. **Instantly** [TOR+14]. **institute** [Nec17]. **Instruction** [AGG98, LPU97, Gro85, PYP+10, Sch89b]. **instruction-systolic** [PYP+10]. **Instructions** [dSR00, Sol13].
Instrumentation [GP91], instruments [CKK+13]. Integer [DL98, Fag92, SS96, KKVI05, VM95]. InteGrade [dKG+10]. Integral [Ten90]. Integrated [BDHF90, DAYA02, OY00, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, LMXJ18, SKM04, WCL+13, XYDL06, XY07, YWG15]. Integrating [Bir94, DT11, DRST02, FKT96, Lu01, OK02, PY96, KKKP12, YT05].

Integration [ISZBM99, KL84, LY01, YJKD10, Ano04d, HMY07, Kum17, YK04, ZMZZ17].

integrity [BCO+12, LZSL06]. Intel [CHLL18, FPD93, LTG14, SMKL93, Zha11]. Intelligence [MT85, KAA+19, LdPLC+19, ZGJ+18]. intelligence-based [ZGJ+18]. Intelligent [IAS+92, KSP+92, SH98, ZL93, CDJ+89, KBC19, KDSI18, PLSM18, She09, WJD91, YXW+18]. Intel [KVNV17]. Intended [CTC11].

Intensive [ABM+92, BS09, BS11, CA95a, EH01a, SW90, CkLCK04, CkLCK05, DF17, HZZ+19, HWLR14, KAS07, MLK+16, RBN11, Ren11, SC04, VB08, WZZ+17, WG11, ZMCP11]. 

Inter [KCSS18, FKLBO8, GZG+17, Kan05]. inter-core [GZG+17]. inter-node [FKLBO8]. inter-procedural [Kan05]. Inter-Thread [KCSS18].

Interaction [CCM92, DH95, LLCC02, HWLR14, YJL16]. interaction-intensive [HWLR14]. interactions [CK08, PARB14].

Interactive [LHM95, RGS00, CTS17, HSS17, MAR05, TSD08, TD07].

Interactive-Rate [RGS00]. Interconnect [HP97a, WLY01, AHA+16, MG09, UM17]. Interconnected [DH95, EH01b, Guo94, KM97, QMCL94, GMH+91, Mca89, SGAC14, TRS006].

Interconnection [AAD98, AA95, BETD94, CW01, CJA09, DVZ96, FD86, KRSZ02, KAM94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, OM84, OO85, Pad93, PL93, SW96, SZB92, Szy95, TH02, Tze91, VB96, Wan96, Wan01b, Wil92, YWP00, ZMPE00, ZW00, dBL95, ARI17, BM14, BDjQ86, BH91, BR91a, Bhu87, BJ15, BR91b, CM04, COK04, CS06b, DE91, FJC04, GJ12, Har91, JBM91, KMC16, KRL87, LK90, LLKY13, MHBW86, Pak89, Par05, PW16, PW17, PMCC18, SSB91, SL98, SH99, WCC02, Wil90, ZDC06].

Interconnections [LLJ00b, SL97, THN+93, Oza04, YB90].

Interconnectivity [DSD+97]. Interconnects [ES97, HP00, MO97, MG93, PEC95]. interdependent [SNCP12].

Interdisciplinary [NKSA17, CCE+17, Hua17]. interest [Ano16l, REZN17, CTC11]. Interest-Intended [CTC11]. Interface [BAHP01, BF97, BDH+97, CD98, IWM97, PS01, RS92c, JM15, NSDZ18, KT03]. interfaces [NGQM12]. interference [BPRS04, GZG+17, KDH08, WHS+18]. interference-aware [KDHO8].

interleaved [NC09]. interlock [CCK88]. intermediate [YLYC11].

Intermittent [DT02]. Internal [Bal90, JZK04]. International [OY13, ROS07, Sni03, Wee01]. Internet [Bar05, BJ18, CXQ+18, CMPS18, DAPR18, ECP+18, HMY+18, KA08, MXSL12, MZZC12, PJ18, She09, TB90, WHC+18, WLID02, WCCH18, XO05, YJW+18]. Internet-based
Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, DVW94, MF93, Nie94, PS01, THBF97, BAK+03, GCY+04, TB90. Item [AAP01, San99]. items [LT10, ST14]. Itemsets [BMLLC+19]. iterated [KHW13]. Iteration [BW96, CC87, RS92a, YBX+13]. Iteration-level [CC87]. Iterations [AR97, CASD18, YS11]. Iterative [Bah00, BSS99, CTD99, CHR94, CG10, ESMG96, IPK85, LPX05b, ¨UD96, WB96, BDRB14, CF88, CRC+02, FGG08, KMS+06, NVK+11, VGAB08]. iterator [Lon04]. iTPS [TDC05]. J [KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. Jacobi [CASD18, EP90, HBAD15, HS17, MVV91, MV94, RS08, ST87, TYA16, ZB97]. Jacobi-Type [MV94, MVV91]. James [Ano92c]. Janus [DMG18]. JAVA [MSS00, AST12, AFT+00, BVGV14, CCK+08, Dek00, GCB+00, GLC01, HR00, HS00, JM00, MWL00, SCB09]. Java-Enabled [MWL00]. JBSP [GLC01]. JDPC [MSGS+13]. Jean [Ano96]. Jean-Michel [Ano96]. Jerzy [Ano96]. JESSICA [MWL00]. JMX [JM00]. Job [FKSW97, Li05, TDBL13, DBA+18, EHL+15, FCC07, GRDB05, GMVRGS16, GYY+14, LC90a, MLK+16, MS86]. Jobs [CB02, CL91b, HSH10, LYW+16, LF03, MLG05, QJ05, SF05, SHC14]. Join [HTL99, LT94, LL18]. joins [CG86, CTKA17, CKWT17]. Joint [AAA+10, AF06, ABF+14, LBT19, LYW+16, LZLX11, CCA18, GDL+11, ZY12]. Jones [NHO+13]. Jordan [Dav17]. Josephus [LI05]. Journal [Ano99g, AS13, Ano97]. BS09, CDJL09, Cuz11, FTM+14, FPS11, GMSS+11, Gra09, KRS13, Lan09, Las12, LK11, MSQL5+13, MNK12, TH11]. JPDC [LK11, KRS14, MKN14, PRS14]. jpc.1999.1564 [Ano00d]. JPEG [CD95, WLCZ15]. Jumping [HIKM94]. Just [FKLB08]. Just-in-time [FKLB08]. juxtaposition [BKS91]. JVM [AC16].

L [Ano00d, CS93b, CP04a, CRJ10a]. L. [Ano93e]. L2 [KK11, Zha11].


LAD [DFP06b]. LaDAR [YWAT13]. LADAR [XHG03].


Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].

LAD [DFP06b]. LaDAR [YWAT13]. LADAR [XHG03].


Lampert [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].

LADAR [YWAT13]. LADAR [XHG03].


Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].

LADAR [YWAT13]. LADAR [XHG03].


Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].

LADAR [YWAT13]. LADAR [XHG03].


Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].

LADAR [YWAT13]. LADAR [XHG03].


Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96]. LANCZOS [HDZ⁺14].
[BVB02], legacy [LWR+03], Legion [LFH+03], Length [BL94, KP17, MP08], lengths [KIH15], LEON3 [TdAR18], Let [CVK+18b], Level [AC16, BBH+97, BSS97, CD98, GS98, HKT+91, HWW96, Kav93, KOW97, KRS13, KRS14, KL84, MR94h, MHC95, Qia97, RP95, SSHC00, SBKB90, AY09, ACU08, BBH+17, BYG+18, CCC+04, CLMRL15, CC87, CTCX08, DMI+19, DAB+14, DMS+16, FABG+19, FLCB10, GAC+17, HES10, IKS87, LC14a, LPLFMC+12, MABJ05, MEMEMH17, OWK14, OMT+17, PRHB06, Plf90, Ren11, RFPAG08, SS17, VD04, WCKD06, W MES12, YSL08], level-set [HES10]. Leveled [PRW94, BMIM07]. levels [Kum17, Li16, Wu03]. Leveraging [SSF11, CFI+18], LeWI [GLC14], Lexicographic [AMS94, DT97, BMLLC+19]. Lexicon [Haw97], liberal [NDW17]. Libraries [KBC+01, ZRC99]. Library [BMCP98, CJ99b, DVW94, FKKC97, GLC01, HW96, SKH96, HZHS18, LR06, LGK+12, RR05, ZSW14, VAF19, VBF13, VFAD17]. Library-Based [FKKC97]. Life [HSJP87]. lifetime [HP06, LL12b, Li14, LZC11, VRM10]. lifting [IIH16]. lifting-based [III16]. Light [RGVB00, Koc91, PR12, Wan06, WZZ+17, ZFT+18]. light-trails [PR12]. Light-Weight [RGVB00, Wan06, WZZ+17, ZFT+18]. Lightweight [HS00, MSF+13, CL09, KP17, Kim17, MP10]. like [CP10a, CTC11, FR96b, GL90]. Limit [MO97]. Limitations [BKS91, LS97]. Limited [yHY97, LP96a, LK98, BKS05, DW04, SSGG18, VS16, WTB+08, Zsa16]. limits [DW04, dSS11]. Line [BDKM94, BMMS01, DGBN14, LTY96, RR95b, Yen01, BS92, DMCFCM03, DJ98, EL88, GH99b, GC07, KM88, LHK03, SSL04, SL90, ESQG+11]. line-sweep [DMCFCM03]. Linear [Bah00, BM+02, BM97, BCZ95, CDH84, CCC92, DVW94, IPK85, IK94, KL01a, KF95b, LP97, PM96, Pov99, RF94, RS92b, ST89, TBPV00, ZCC92, dr09, BGH+03, BAH05, BPP05, Car90, CM03, CMR19, CEGS07, CP10b, DS04a, Dja06, FHL+15, GPT06a, GRV08, Gao86, GS91b, HR89, ICQO+12, Joh87, KKV10, KT89, LMXJ18, LWXX19, LKD14, MP88, MP87, MVB05, MRT18, NCTT09, TPTMS15, Ter16, XYZW14, YTH07, YO11]. linearizability [KKW17]. Linearization [FZVT02]. Linearly [BBd90, PB90]. Lines [HKMU98, DJDK19, Wri91]. Link [GD08, MLW+77, SJS11, VR94, VR95, WFL98, FCZ+12, LST17, MCAS12, MVP17, RH05, SW90, WTS03]. link-bound [SW90]. link-selection [RH05]. linkage [CPO+03]. linked [Han89, HA05, ST08b]. Links [AaJS01, KJ84, RS94, WW97, Wan01a, AGMS16, KPR88, SHK19]. Linpack [Num07, Num08]. LinuX [LACJ18, BP01, LAC18]. Liquid [SWHB17]. List [BBH+98, SP96, SGS99, TLLL10, FPF14, Han89, LPX05b, Vis87, WLL16]. Lists [BP02, VSR91, ST08b]. live [GRJ+15, W MES12]. Load [Ano97], BEE00, BM08, CS93a, CRL04, CLZ00, DHB02, DMB97, DLLX97, DSW94, Efe96, EE05, FMP98, FLS+97, FM99b, GK98, Gli94, GM96, HS97,
HILLY95, HTL99, HO94, HC97, JR92, JW89, KGV94, LK94, LHWV95, LT94, LL98, MDD97, MP96, NSLK99, NFEG97, OB98, PB99, QY94, SB912a, SH92a, SHT+95, SB97, SBAM96, TSSH01, TT98, Wan96, WS97b, XKYA08, XL92, XH93, XL95, ZLP97, ZXP09, ZM94b, vS91, AES11, AGMS04, ACCP12, ASES15, BCV05, BFH09, BFMT+18, BRPR06, BD04, CSWD03, CBD+09, CVJ09, Cho90, CRC+02, Cyb89, DB11, DLW+12, DW04, DM94, GRV08, GLC14, GC05, HJ90a, HLM+90, IC05, IS06, JL05, JL11, KNHH18, KKS08, KC04, LTB02, LTL06, LLL06, LHKL03, LY91, MLDG12, MPV12, MTS90, Mit07, MGG03, NHO+13, Nik03, PC11, PA04, PRN+19, RN04, SU87, SB15].

load [SX08, TBZB05, TKHG04, TLL+18, TVT+17, YJL16, YAA10, YMLP14, ZV06, ZSW14, ZLMC14, dG91]. load-adaptive [TKHG04]. Load-Balanced [LT94, NFEG97, XYKA08, YMLP14]. Load-Balancing [DHB02, FM99b, HO94, HC97, Wan96, SBC+12a, ZXP09, NHO+13, YJL16].

load-sharing [SU87]. Loads [KC95, VB02, CG12, GRV08, HV13, KVA18, LML+10, MV05, ZV06].

Local [AD02, BSS99, BCD00, CGL+95, FLS+97, HR00, SR94, ADD17, AK07, BMARW07, CKN07, GJG88, GTGLSA12, GNNZ18, LMJC11, MS88, MAR05, ROB+18, Sch13, WWW17a, XCS06]. local-spin [AK07]. localities [GJXZ05]. Locality [BS96a, CL96, FJG06, GXYZ13, JL11, KCRB99, KRC00, MNB95, SCM99, SHT+95, EHL+15, FPP06, Kan05, KR06, LK13, Ozt11, SZD07, SKK14, SRT+18, WLL08, XCZL03, ZWQ+16]. locality-aware [EHL+15, SKK14, XCZL03, ZWQ+16]. locality-cognizant [LK13]. Locality-sensitive [JL11, SRT+18]. Localization [DFP06b, AKBD10, CCW14, CRWX12, DLLL11, LDS16, MKM16, WDS+18]. localized [Cal06, KNS06, LS03]. locally [AMK+07, LFZ+17, XHZ16].

locate [DWX10]. located [SB12a]. Location [KER01, Li17, LS03, LAGK07, MMR98, XCLR07, ABF+14, BJL18, CZ90, DBW+18, HCM11, KHK18, LLDDL15, OJP+18, TZ07, TZII11, TDC05, TR16, TKR+19, ZMC06, ZHO03, dOGB+15]. location-aided [ZMC06]. Location-based [LS03, ABF+14]. Location-centric [XCLR07]. location-free [dOGB+15]. Lock [DR98, SSDdB+10, ST08b, CB06, Dim91, HSY10, HA06, ST05, XO05].

Lock-free [SSdDB+10, ST08b, CB06, HSY10, HA06, ST05]. Locking [MS98, XO05, DM04, LZX11]. locks [JNW96, AFA13, CG10, UBS10]. Lockup [SD91]. Lockup-free [SD91].

Loèven [FSD04]. Log [NTA96, ZFT+18]. log-based [ZFT+18]. Logarithmic [Nas94, OOW95, AF17]. Logarithmic-Time [Nas94]. logging [CZZY09, DWG03, JLM08, MMCL+17, MMCL+17]. LogGP [AISS97]. Logic [AyJ93, CC91, CBdCD00, Mon94, Nkv14, Tan84, DeG88, FPM+14, MLZY17, MV88, MC91, NAK04, SK09, WF89, XYZW14]. logic-oriented [SK90]. Logical [AK93, YMGr01, TPLY18]. LogP [AISS97, BHPP05, RG03]. Long [AISS97, GO95, LKM12, Lin93a, KVNVI7, MBR08, TDC05]. long-distance
manageable [GRZ+18, dAMFdS13]. Management
[AS13, AS15, BR02, CKK00, CY99, HLLY95, HTL99, JM00, KER01, LZ02, LO96, RDS02, RSB01, TJ92, WLID02, YD98, ZRC99, AM11, AK18, BGV14, CKMP17, Fu10, FX10, GPT06a, GJG88, GBA08, HCM11, HMV07, HC09, HHS12, HSL10, HJK15, JHL+17, KK11, KLI+11, LCC+05, LC11, LAG07, MBS+12, MLMSMG12, MCP+18, NAB+11, NTC03, OJP+18, PY09b, PF04, RWB+13, RAN+17, SNMB16, SDTD04, SS08, SB12, SA19, SK05a, SLG+18, SL06, TZ07, TZH11, TB90, WYW15, WZZ+17, XRB12, ZMC06, ZV12, ZHO03, dKG+10, SHSH17]. manager [Gai87]. Managers [AB84]. Managing [AKBD10, FGKT97, SEP96, SS17]. MANET [YAA10]. MANETs [Hu11, YA11, ZA05]. Manipulation [PH91]. Manipulator [MS85, NS90]. Many
[CHLL18, DDO+18, HP95, SR97b, AFA13, APRA18, AA16, ARI17, BBBC12, CKK+13, FTM+19, JHL+17, Lai14, LWC+18, LTG14, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, TCH12, ZLS17, dCPD19].
Many-Body [HP95]. Many-Core
[DDO+18, CHLL18, AFA13, APRA18, AA16, ARI17, BBBC12, CKK+13, FTM+19, JHL+17, KSG13, LWC+18, MBB13, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, TCH12]. many-cores [ZLS17]. Many-to-One [SR97b]. manycore [ETS14, FCP+15]. map [IZ12, IB04, CKML12]. Mapped [BF97]. Mapper [AM93]. Mapping
[AGG98, BR08, BSB+01, BA92, CN93, CHR94, CW92, Dja04, GH89a, GW99, IAS+92, KBG92, LW90, LWY97, MM00, MAS+99, NB93, SH90, Ser97, SBAM96, TBG+17, XH91, ZZ90, BS87, BLMB13, CGM14, CDAN14, DFT13, DQR+09, FLL14, HA91, KSS+07, KMS+06, LW16a, LB89, L902, LS80, MTL+18a, PMAL11, YWJ+18, YW15, ZWR07]. Mappings
[BP02, DP00, IP92, SR97a, SR97b, SSH00]. MapReduce [ALTV13, AM17, BK13, BD11, CCA18, COL17, GYY+14, LYW+16, LWQ18, NMS+18, NIF13, PL13, MUL+18, SMT15, VET18, WTWZ16, WD13]. MapReduce-based [VET18, WD13]. maps [DP12]. MaRCO [ALT13]. Marginal
WLID02. Marine [YJ+18]. maritime [WWA+18]. Mark
[ASKO16, DHK04, GA18, NH93, PF91]. Markovian [BC11, VM95]. MASC
[TJC10]. Mass [HLL+95]. Massive
[SANY94, FCC+14, JWH+17, ZB09]. Massively
[BS00, BDHF90, DAV17, EHM+95, GGN93, GBES93, JBL02, KJ39, KP05, MM93, MT96, NDZA99, NS92, PE93, Sch90, SRK95, CSA97, UGC+15, WT92, YP96, BB87, BBCL14, GP91, HS86, JJ12, Koc91, RBB17, SPBR91, SMH+14, TS91, W291, LTK90]. master
[BMT12, HSL04, LZ05, LL08, YH07]. master-worker [BMT12]. Matching
[BL94, DS84, DAYA02, HBS17, LO94, Par98, WSRM97, DKU15, GK10, KJ17, KSSG14, MPN17, MM07b, RS09a]. matchings [SM99]. matchmaking [LR05]. materials [CCX+18, DAG+17]. Mathematical
Matlab [MJ01]. MatlabMPI [KA04]. Matrices [Bas97, BSGM90, SH97, BW08, JM15, ORR03, VGA08, WF90]. Matrix [BG16, CT96, CTZ99, DBKF90, GK98, GE94, KCRB99, KK98b, LPZ99, Li01, Man94, MSC96, NFEG97, Par92, PKD97, SW96, TIL94, UZZ96, WM92, Win85, mYyF92, ASA18, AAD05, ASES15, BB85b, CP10b, CLR90, Dja06, Edel91, EL91, EM89, GA18, ITT04, KK86, LV15, MBW16, MS87, MPG17b, NJ91, NCTT09, OT86, OT19, PB15, PR13, SAOKM03, ST89, SM08b, SAJ13, SE15, ZB03]. Matrix-Based [KCRB99]. Matrix-Base [BG16, CT96, CTZ99, DBKF90, GK98, GE94, KCRB99, KK98b, LPZ99, Li01, Man94, MSC96, NFEG97, Par92, PKD97, SW96, TIL94, UZZ96, WM92, Win85, mYyF92, ASA18, AAD05, ASES15, BB85b, CP10b, CLR90, Dja06, Edel91, EL91, EM89, GA18, ITT04, KK86, LV15, MBW16, MS87, MPG17b, NJ91, NCTT09, OT86, OT19, PB15, PR13, SAOKM03, ST89, SM08b, SAJ13, SE15, ZB03]. Maximal [CWW96, GS99, KW02, BCH15, SMT15, TSTFZ14, WCH +17]. maximize [SSFP11]. Maximizing [MSC96, Ros09, AH06, CDR12, DW12, KNs06, Li14, LLCZ19, MA11]. Maximum [Als01, AS95, BLMB13, DDD98, FTL92, HP06, KEA95, Par98, mYyF92, AFD +11, SM98b, WMW90]. Maximum throughput [BLMB13]. max-dist [ZLCJ12]. may [STKW12]. Maze [EL97]. Mbps [MLW +97]. MDS2 [ZF07]. me [MP96]. Mean [BA92, JBM91, L05, X07]. Means [DS93, DBCF13]. Measurement [FP93, KL01b]. Measurements [ASKTZ13, JKK13, JZK04]. Measures [GRR93, DGBN14]. Mechanism [Bal90, BCD00, JSM94, AS95, CG11, CG12, CMR +18, CCW14, GYY +14, GVA +08, HCM11, KO11, MBO11, PMd011, RA11, She09, XO05, Y07, ZBW +17]. Mechanisms [KPC96, KC99a, ASK016, KV10, ALLM11]. Media [WUG99, HK05, KLP10, XYD06, XHY07]. medium-scale [WLNL06]. Medium [CC92]. medium-scale [WLNL06]. medium-scale [WLNL06]. Membrane [YLZW18]. membranes [PMV05, PV06]. Memoriam [Ano04r]. Memories [CH92, PH91, Sin95, Yan93, GKK +13, KR17]. Memory [AD95, ACD +93, AMN00, AlH97, ADS98, AS91, BR96, Bas97, BS96a, BCR96, BF97, Bis92, BCF96, CB95, CP91, CWP98, CA95b, CJD99a, D95a, DA97, D95, DP00, DH95, DM99, DT92, EP90, F97, GAG +92, Gra09, Gup92, GK98, GHSJ96, HSW97, HMR15, HPT02, HA92, HA05, HLM01, HW97, JW95, KRC00, KS97a, KHS96, Kel00, KC94, LW97, LK98, Li01, L09, M94, MR94c, MS98, MG91, NSS97, OS98, PHB96, PAM94, PA96, PB99, PL95, PY96, RL96, RSB96, RWK95, RJ96, RGS00, SL95, SLL18, Sm0, SS94a, SDS99, Soh96, SC91b, SB84, SN93, Tam18, TJ92, TGG95, TY95, VR91, VS16, VN93, WW96, WD94, Wii92, YY01, YMR93, YB01, YL98, Zako1, ZLH +18, AM13, AL04, ACHY18, BC06, BM08, BBH +17, BJS03, BBD18]. memory [BS92, BGM +08, BCF +94, CBP02, Car95, CC16, CG14, CJA09, COP +03,
CK91, CDAN14, Cyb89, DFP06a, DT11, DI91, ETS14, Eij18, EKNS17, FZC+05, FJC04, FWM+10, FLC14, GJG88, Gra10b, GL90, HDMC11, HGF97, HMBW07, HHZ18, HHAG14, Hu17, HC91, IIH+16, IRSS16, ITT04, Joh91, KKR14, KRM14, KKLJ14, KMS10, KP05, LL90, LC19a, LLB+18, LH+18, Lop18, MTM10, MSK+16, NSTN91, Nik03, No12, Pad91, PK05b, PL03a, Pop91, QGL+09, QGZP17, RFPA08, RHH12, RSCQ17, SGG18, SYUU07, SB15, SZD07, SDS10, SM04, TW89, TGPUC16, VETT18, WL92, YGZ+10, YLB90, ZKF18, ZPK+14, ZLWL12, ZFL89, HZL18, MP10].


Mesh [AP94, AM+04, yCM98, CCC92, CWW+95, CLT96, CY96, CDP95, DR19, EL97, EH01b, FZVT02, Fer93, GPJA10, HHM94, IM00, JP95, JS94, JB98, KB01, JJ00b, LME95, MD01, MP96, Moh95, Nuss99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, Zha92, ZY02, ABC+99a, ABC+09b, BB85b, CL03a, Car90, CWL+07, DJDK19, Dja04, DAB+14, Eme91, FLL14, GDL+11, GH99b, GA16, GNZ18, HWWH08, HWC08, HR89, HR90, KKK11a, KHK18, KDH08, KT91, LZ08, LC90a, LC91b, Li06b, LC11, LWDL12, Los08, LV07, LV88, MLG05, MBR08, NPGV10, PB90, Raj04, SIS86, SS89, SC91a, SSZ10, SS94b, SZ03, VHH08, WCXL11, WH08, WBRT13, XYK08, YSL08, FC14]. mesh-based [CL03a, LV07].

Mesh-Connected [AM+04, yCM98, CCC92, CWW+95, CY96, CDP95, Fer93, HHM94, MD01, Zha92, ZY02, BB85b, Car90, HR89, HR90, KT91, LV88, PB90, SI86, SS89, SC91a].

Mesh-Of-Tree-based [DR19]. Meshes [BLPV95, BPvW96, BAV97, BSDE96, BM97, BOSW94, BOS+95, CGOS95, CW00, COS+95, CL96, DS01, FF98, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NI+96, NS94, OS97, OS96b, OS98, OB98, RVW93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY+00, BG16, BM04a, CI03, CZZ+17, DV13, GLD06, KLC05, LWCC15, LXLS12, Mat06, dMS18].

Meshing [YIY97]. Message [Ano94e, Ano95k, BB93, BKT95, BDH+97, CW92, CZZY09, CD98, DSMH90, dADB96, GBES93, GH93, GHS95, GHS97, HN92, Isl97, Kar92, LK96, Li92, LW95, MML+17, MD92, PY96, Pra16, SCM90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BW05, CV09, CPA+11, DNT10, FM07, GH99a, GJH94, HZA+15, Hua05, IRSS16, JLM08, JZ+17, Kak15, KMS10, KS13, LR06, LR03a, PS14, She06, TW87, TGPUC16, vS91, KTF03, PS01].

[KKS+12]. meta-heuristics [ZHO03]. meta-learning [LGZ+10].
Meta-rules [SWC+91]. meta-scheduling [GVBB13]. meta-task [DÖ06].
meta-computers [Li05, LCM+06]. metacomputing [BGH+03]. metadata
[HOE+09, ZV14]. metaheuristic [MMK+11, ROB+18, TLW18, WMG13].
Metaheuristics [TH11, TH13]. Metalevel [Zim96]. metaphor [SK89b].
Metasystems [GWWL94]. Method
[AC16, BC94, GHH92, KLLK98, PB99, WS97b, XL92, XL95, ZYH94, AST12,
ABC+09b, ATDH13, BFP09, BR91a, BBB+06, CLC+17, CW15, DM17,
GNZ18, KP05, LR14, Luk85, Mit07, MPV17, MA19, MRT18, ORR03, SHL+13,
SMKL93, WCKD06, XWC+08, YLL17, ZB03, dAMCFN12, PPTV+10].
Method-Level [AC16]. Methodological [Bev02].
methodologies [DMS+16, PSGS17]. Methodology
[Ano92a, BJ99, KME92, LR93, MB92, NMS93, PA94, PA01, SKR93, SK93,
CSJ+13, Che86, DSEP17, GL89, KME89, LdSB+18, MSAZ10b, OMT+17, PF91].
Methods [Bas97, BSGM90, BR95c, Cas93, FGKT97, GL92, Kap93, KB01, Par92,
SHT+95, Wor93, XH93, BDiQ86, BM08, CEGS07, DKUÇ15, EE05, KG04,
LWCC15, PAS15, SWP90, SSZ10, SHRM19, UAPM07, VGAB08]. Metric
[RJA97, ZYH94, KC17, Luc18, SSMS08, Sta17]. metrics
[BSW07, DUKÇ15, PARB14]. MGR [DAPR18]. MIC [WTWZ16].
Michel [Ano96l]. micMR [WTWZ16]. micro [KKH17, KC17].
micro-benchmarks [KKH17]. microarchitecture [Zha11]. Microarray
[BF13, WSH+03]. MicroClAn [BF13]. Microelectronic
[THN+93]. microrobot [LBMG15]. microscope [FCG04]. Microwave
[XTN12]. Middleware [BNSP99, GJA08, SB04, AZW13, Ano04d, CTT08, KAS07,
MSAF04, PF04, SMTD04, SMPMLVS11, YK04, dKG+10].
middleware-based [PF04]. midpoint [TW15]. midpoint-based [TW15].
Migratable [KOW97]. Migration [AMB95, CLZ00, Lat95, NPP+02, SZ00b,
ZYYO11, CR96, CLC+17, FMIIF18, Ga90, GRJ+15, HSMB91, JTZZ11,
LY12, MB19, TH08, WMES12, XYKA08, ZLZ+19]. Migration-aware
[TAS+01]. million [PGP+12]. million-core [PGP+12]. MIMD
[BCF+94, CJ99b, FAGW95, GGW96, GP91, HPSM91, MSC96, OD95b,
PK89, RS90a, Shn95, UR94, VSM96, Vl89, YBM13]. MIMIDIX [MHF93].
MIMO [AD12, GZY14b, ZY12]. Min [DP98, CRV94, ZNQ93]. MIN-Based
[ZNQ93, CRV94]. MIN-Graph [ZNQ93]. Min-Max-Pair [DP98]. mincut
[ERS90]. mini [BCD+15]. mini-applications [BCD+15]. Minimal
[CLT96, SJ95, SR90, Xue97, ZAW94, MS15, OMSGNSG05, SR88].
Minimization [OKB95, THGY15, CPLY18, JZF+15, KR10a, Li17, Li19,
LZX11, QSL+08, RTZ11, TFMS15, VA07, YWG15]. Minimize
[Als01, SBAM96, KSG03]. minimized [SCJ+08]. Minimizing
[KER01, LZ05, LO96, ZWW17, FSZ07, TKX+13, WSH+18]. Minimum
[CW00, DH94, L092, RDL95, WW97, BC06, BPPR11, BBD18, BBL04, HS12,
tH90, KO12, KSK15, LVP08, LY10, LMZ04, OMSGNSG05, SL89, WCWH03,
YZLT09, YWW12, YLVC11]. minimum-spanning-tree [tH90]. Mining
[GC01, HK01, KRS01, SMT15, Zak01, CTT08, Cuz11, Cuz13, GJA08, WD13, WZQ+13, BMLLC+19]. mirrored [BL05]. Miss [SDS99, CK13]. Misses [DSS95, KMMZ06]. Mitigating [BK18, WCF14]. mix [Ahu90]. Mixed [CDY97, MRR+02, NDZA99, SV00, van96, BKS91, FCS91, Kal04, ZJJ+18, ZLWZ18]. mixed-criticality [ZJJ+18]. Mixed-Mode [NDZA99, BKS91, FCS91]. Mixed-Technology [MRR+02]. MixHeter [ZLWZ18]. Mixing [FHL+15, Li10]. MM [Won99]. MMR [CCQ+06]. Mobile [Ano01e, BD00, BN02, BST01, CS00, CCK+08, DKY01, DL01, GS01b, KER01, LAZC00, LC14b, MS00, Pat01, PRS97, SMR96, THGY15, TPS+18, WLID02, ZR00, AKBD10, AP03, AH12, Ana14, Ano04d, AK06, BWP+11, BN03, Bou03, CSWD03, CNS03, CW05, CDCD05, CWD11, DB08, DWX10, EBE08, EM11, FCML13, FCC07, FP17, GQZ18, GRDB05, GZMC08, Hkw05, KERUM04, Kim11, LL19, Lan09, LZ11, LZCY09, LPX05a, LL10, LC11, LH1W14, Li17, LLW07, LHT08, LWW18, LS06, MS05, MXSL12, MSJ05, MKM16, NSA11, NMN+14, PVP18, PMHM19, RB12, RKK06, REZ1N7, SNCP12, SGAC14, SMO+18, SY04, SGS08, SJS11, TZ07, TZZ11, TM06, TC13, TY17, TWQS12, VLW18, VA03, VRM10, WW18a, XHG03, XG03, YK04, YC04, YCC05, YSS11, ZMC06, ZHO03, HC09, RBP+11]. Mobile-Process-Based [SMR96]. Mobility [FCF00, GCB+00, KO12, BEN12, CKT11, FX06, HC09, LL19, RKK06, RBP+11, SK05a]. Mobility-assisted [KO12]. mobility-aware [LL19]. modal [AM11, BWP+11]. Mode [NDZA99, WSA+94, BKS91, FCS91, YZ11].

Model
[AGW01, AISS97, AM17, Ano97k, BPJG92, BA97, CC91, DL98, DKUC15, DG94, DF94, FTL92, Gao93, GS98, GDN+98, HK96, HR92b, HR92a, JRR99, KSP+92, KCV99, MRRV98, MNB95, NDZA99, OKB95, QY94, SANY94, SAC+08, SS18, SSK96, WSA+94, YZS96, eW95, AAH17, ASKO16, AHZ11, ASES15, BMB+08, BBBC12, Bi90, BG05, CBD09, CH06a, CAX13, CXX+18, CDJ+89, CRC+02, DZC17, DJH11, DKC14, DRT07, GJ12, GSPH19, HMY+18, IEWK17, JLWX11, Kal04, KyLPC17, KC17, LR14, LMGLGLG17, LFH+03, LZY11, LMXJ18, LWX19, LTKS90, LCJ+18, LA06, LGK+12, LWWQ18, LXZ13, MM06, MN+18, MMVL11, NSKN17, NST91, NJ91, OO05, RSR04, RHH12, SSS07, SL90, SK05b, TR89, TJJ18, TJKC10, VH108, WW17b, gWW18, XYZW14, YJB91, ZA91, dR09, GB06, KR11]. Model-Based [KSP+92]. Model-driven [SS18, ASES15, LGK+12].

Modeling
[ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DDO+18, DI91, FMW+94, GHC+17, JZ05, JZK04, KNS91, LP96b, LpJS+18, PLD14, Pat01, PMMA15, QSO5, RP98, SCM99, SFT+13, SCK03, SS00, TK07, AP91c, FX06, HES11, JWH+17, Joh91, KME09, KKK+11b, LWCC15, LC13, LF03, MCM+11, MSAZ11, NSA11, ORWT+18, RA11, SV08, UMM+18, YL12, YZW+15]. Modelling [Wu11, HNSA07, KME89, KKTZ13, RK18, SAOKM03, Sie16].

Models
[AGW98, Ano96], ABM+92, BDF92, Bir94, BSS99, BHRS95, CDY97, CDF01, Cuz11, Cuz13, GAG+92, MM00, MLC+90, RHH96, SM92a, SSOB02, SM92b, ASA18, CkLCK04, CkLCK05, CJA09, DHK04, Eij18, FTM+19, GLGLBG12, Har91, HK05, KJIE13, KVKN17, MMAL+06, Nes10, PL03a, PF91, Pop91, Rao16, SZR+18, SS06, SRI14, TJCBI0, YQTV12, ZZ90, dG91], **modern** [EFG+14, GS18, YFS+15]. **Modes** [GGW96, SSG93]. **Modifications** [FM92], **Modified** [WS97b, ZLRP91, GLW14]. **modify** [CH06a]. **Modular** [AM95, DD93, FC95, RAS96, BM17a, CBP02, Dja06, ZBW+17]. **modularity** [GK04, LK15]. **Module** [AM97b, EL91, MC91, ZFL89]. **Modules** [DP00]. **modulo** [YLB90]. **Moldability** [CB02]. **moldable** [SBc12b]. **Molecular** [ES96, NPY+97, SPVvH03, TSA97, FGM+03, PARB14, PTK+13, WYTX13, XLHT13]. molecules [BOT13]. **moment** [RMU14]. **moments** [TRS+12, XLH18]. **Monitoring** [CSML10, MLC+90, ST14, TG97, ZNQ93, ASKO16, ACPT15, BOKS19, CL14, CK08, FEH+14, KDS18, LFS16, SB12, WZQ+13, YT05, YDZ+18, ZFS07]. **monitors** [TH08]. **Monotone** [HJDH01]. **monotonic** [MAHKZ12]. **Monsoon** [HCAA93, NCA93]. **Monte** [Bro96, PAS15, ZS13]. **MOOC** [MBG+17]. **morphological** [SSL04]. **Mosed** [MSJ05]. **Most** [BS97, HHC98, TAS+01]. **mother** [MC03]. **motifs** [RLS12]. **Motion** [CP92, RR95b, OP08]. **movement** [AKBD10, KSB11]. movements [CKT11]. **MP** [CDH84]. **MPEG** [AAL95, CLV95]. **MPEG-2** [AAL95]. **MPEG-Encoded** [CLV95]. **MPI** [PS01, ATM01, BA06, BDH97, CE0807, DPD05, FKL08, GM13, HcF05, KLYL05, LC97, MBBD13, Nes10, NCB+17, PARB14, TPLY18, WLN06, ZAH12, dIAMCFN12]. **MPI-2** [DPSD08]. **MPI-CUDA** [dIAMCFN12]. **MPI-FM** [LC97]. **MPICH** [KTF03]. **MPICH-G2** [KTF03]. **MPP** [MD90a]. **MPSoC** [FLL14, LZLX11, OM+17, ZXY01]. **MPSoCBench** [DMS+16]. **MPSoCs** [LW16a, MTL+18a, TBG+17]. **MR** [MF94, uRL+18]. **MR-1** [MF94]. **MR-Advisor** [uRL+18]. **MRI** [GOH+13, SHT+08]. **MSA** [BFKW13]. **MST** [Fer95]. **Mukesh** [Ano96]. **Multi** [ACU08, BG86, BBH+17, BA95, FP14, LK15, MAM05, MCZ14, NBP98, OM+17, PKN10, PVR17, SR88a, Ser97, SM00, VLL+14, WGW96, WIL92, YMG01, AHZ11, ADDB18, AGM06, AVAH18, BSW07, BW+11, BLMB13, COV13, CM111, CCHC09, CLL09, COE+17, DBA+18, DMCFCM03, DWYB10, FCW11, FZC+12, FM07, FTM+19, GDL+11, GS18, GKS15, GCS06, GZ14b, GB11, GSASA19, HR17, HU17, ICQO+12, IHH+17, JJ12, JLXW11, JV06, KVA18, KS13, KEP03, KVHS07, KKN13, KN18a, KN18b, KHK18, KUM17, LKS14, LI07, LSS+11a, LSS+11b, LZY11, LNAL17, LSO3, LSC+15, LY13, LPLFMC+12, LLS+16, Man13, MB13, MV12, MZC18, MP17, MAHKZ12, MGRK14, MZZC12, NDP13, NFHL13, NVK+11, NC09, PYP+10, PKW+10, QSL+08, QGL+09, RLA+16, RLA+17, RB12, RR05, RA11, ROB+18, SNMB16, SFT+13, SCB09, SHL+13, SSZ10, SAJ13, SHRM19, SM10]. **multi** [STA17, Str12, ST05, TGPUC16, TRS+12, Tri09, TCHC12, VBDRC13, VFAD17, WCL+13, WQL14, WQZ+13, WH17, gWW18, XL11, YZS15, YHWY18a, ZMG+16, ZX14, ZLS17, dCPD19, DAPR18]. **multi-**
multicore/many-core [MBBD13].

Multidimensional
[GC01, LS94, RS92a, dADC18, KT91, LB89, PMV05, QSL+08, SC91a, SJG19].
Multifaceted [Won99].

Multigrid [MT96, MHC95, PSE+01, IHM05, MRS+14, WH17].

Multilevel
[BW89, KK98a, KK98b, SLK15, MMS09, PAS15, SZW05, TK08].

Multimedia-on-Demand [JSCB95].

Multipath [LYL93, KPR88, OM10, SH98, WGS08].

Multiple
[ALL99, ADS98, BOS94, BOS+95, CCC92, DLP99, FGKT97, GH93, KS97a, KC98, KJ84, KM91, LMCF90, LSC00, NSAS10, Par92, SM94, TVS97, VSIR91, VB02, WNA+94, Wan96, AFW14, ACU08, BIXA08, BOT13, BFKW13, BSHM08, BFK04, CA14, CDS10, CHC05, CCLS94, DMB+03, DKUC15, GRV08, IEWK17, JSWB92, JYZZ11, JM15, JP09, JW89, KAP90, KSS+07, KR87, KUM17, KIH15, LLL06, LY10, LPX05a, LSC00, LSWC14, LV07, LWWQ18, MVB05, MHBW86, PT06, PHS04, PLK+18, SK09, SPRG+12, SI13, SZ03, SRT+18, YB00, ZWWX16, TJCB10].

Multi-Media [CCQ+06, ALL99, AZ01, GC95, JSCB95, LBL95, Won99, WUG99, ZR00, AFG19, AM12a, LVP07, ZV09a, ZVL11].

Multimessage [Gon98].

Multiplex [ZBG92].

Multiplexed [HP00, HRG+11].

Multiplexing [AM95, PD92, QMCL94, QM01, ZLPP01].

Multiplication
[Fag92, Li01, NFEG97, QMCL94, QM01, ZLPP01].

Multiprocessor
[BW95b, CKL99, CP91, DSC96, DRC90, DFN+94, GH93, GMM00, HP00, HC95, HN91, KS97b, LC02, LF92, LM94, MF94, MMRS98, MT95, MMM97, ND92, OM90, PL95, PM96, PP92, QY94, RS92b, SEP96, SH06, WFC03, XZS96, ZNCQ93, AA10, AOSM05, BHR91, BHR91a, BYG+18, BS92, CRJ10b, DI91, DMS+16, GLS9, HDT+05, HA91, HC91, JWCG14, KA05, LEE09, LH04, LI16, LW89, LVB07, MA05, PA90, SK09, SM98a, SYYU07, TS91, YL89, ZQ90, ZQMM11].

Multiprocessors
[AMB95, AM95, BJ99, Bas97, BS96a, BL96, BC01, BLG01, CB95, DS95a, DJ98, DZDZ01, DT92, GY92, GZ97, HJ01, HA92, KS98, KB96b, KA97, LK98, LA93, MB92, MS98, MG91, NB93, NS97, NPP+02, PH91, PY96, PT97, RL96, RJY96, SMH94, SC91b, TS91, TTG95, WSIR91, YB00, YL89, ZQ90, ZQMM11].
YW91, YMR93, YL98, AP91b, BC05, CLM90, CRJ10a, Cyb89, FZC+05, FGP05, Gai90, GL90, HCM11, HRG+11, KA03, KK11, LEN90, LE91, LPK+10, LWCG14, NSTN91, Nik03, RFPA08, SPBR91, SD91, SMH91, SA90, YB90, DOCS14]. **Multiprogrammed** [MS98, NSS97, NPP+02, YL98].

**multiprogramming** [DI91].

**Multirate** [HJDH01].

**Multireader** [HV95].

**Multiresolution** [KZ96, ZM94a, CL85, SHRM19].

**Multiscalar** [VS99].

**multiscale** [BFL+13].

**Multisearch** [ADM+94].

**Multiset** [AFS96].

**Multistage** [AA95, BETD94, LC96, OM84, PL93, SZB92, TH02, Tze91, UR94, Wan96, Wan01b, YWP00, ATH91, BJ15, CM04, FZ90, HJ90b, Har91, JBM91, LK90, MVM04, PW16, PW17, SH89]. **Multistage-Network** [UR94].

**Multistart** [Cza13].

**multistep** [GGR89].

**multiswapped** [Ste17].

**multitask** [LST+13].

**Multithreaded** [BJK+96, BLG01, GGB93, GRS97, KC99a, Lun99, PS01, RNSB96, RSB01, SAC+98, SYY97, TC99, YMR93, ACD+18, ABC+09a, CN14, LLLC15, NZ17, SLG06, TP18, TKHG04].

**Multithreading** [BL96, FKT96, KPC96, LK13].

**multitonic** [Sei05].

**Multiuser** [BAL05, ZRC99].

**Multivalued** [HV95, HV09].

**Multivariate** [HK01, MMAL+06].

**multiversioned** [Alnu90].

**Multiway** [SM00].

**municipal** [LHX+16].

**Munin** [Car95].

**Muntz** [Ano92a].

**MUPPET** [MSS88].

**musical** [WIR+18].

**Mutual**

[AE95, Cha94, Cha96, DGFGK05, FTC00, GBG93, KY02, Kak15, KUFM02, NTA96, NM02, Sin93, XLG+06, YZY96, AK07, Ara13, BDM18, BAP06, CW05, CR06a, CB06, Gos90, LASS15, MM07c, NT12, Ram89, RDA18].

**mutually** [WW18a].

**MVAMIN** [JBM91].

**myoelectric** [BAT+19].

**Myrinet** [KL01b, QS05].

**N** [BM17a, GPSH19].

**N-modular** [BM17a].

**NAND** [N012].

**nanoarchitectures** [FCG+14].

**nanophotonic** [HRG+11].

**nanoscale** [PLD14, ZRN+14].

**nanotechnology** [MKN14, MKN12].

**NAP** [KF90b].

**NAS** [JV06, WAS95].

**Natural** [LS95, VB96].

**NC** [LO91, RDL95].

**Near** [FTL92, HA92, San99, UR94, CCN06].

**Near-Maximum** [FTL92].

**Nearest-Neighbor** [HA92].

**Near-Optimal** [San99].

**Nearest** [HH01, OS96b, JHL+18, KS08, NA06, NM14+14, SDG17, Wan07].

**Nearest-Neighbor** [OS96b].

**Nearly** [Nas94, SSM98].

**NEAT** [LST17].

**Necessary** [SJ96].

**Necessity** [MC03].

**need** [LTG14].

**needed** [IR12].

**needs** [CHLL18].

**Negotiation** [LL98].

**Neighbor** [HA92, OS96b, UR94, JHL+18, KS08, MKC+09, Wan07, ZMG+16].

**Neighborhood** [JoJ15, Lyc02].

**neighbors** [NA06].

**neighbours** [NM14+14, SDG17].

**NERSC** [RÖE+18].

**Nested** [BHS+94, CW96, DRR96, HS93, KBG92, Mer96, RSS99, SCB09, AGM06, BFTV87, EB09].

**Nests** [DR95].

**Net** [BPJG92, BDF92, Chi92, Fer92, SP90, KK17, NM95, WL92].

**Netfinity** [BAHP01].

**Nets** [BPJG92, BYT19, CMT92, ESCV15].

**Network** [AA93, AAD98, ABM+92, ABCP96, BJS18, BBH+97, BCD02, BA95, BC01, BF97, BST01, CGKK97, CW01, Cha95, CW92, DLLX97, DSAU99, DVZ96,
network

[IZ12, IS06, JF12, JXW06, Johs9, JZK04, KERUM04, KD03, KMC16, KO11, KO12, KCD08, KR15, KH12, KO90, KPR88, LT10, LAD+96, LSS+11a, LSS+11b, LB12, LTD+93, LY08, LTL12, LÜ14, LY13, LRS18, LWC14, Nap90, NS90, NM17, NQGM12, OO05, PL06, RH05, RD05, RCG18, RG18, RSL12, SMW18, SSB91, SHK19, SCW+18, SS05, STWK12, SY04, SK89a, Sta17, SMKL93, TM06, TDP15, TCH12, VM95, VHH08, VR86, VRM10, WL11, WW18b, WMC+18, WG11, WLZ+18, WHS+18, YK04, YLZW18, ZWS09, ZY12, ZWRI07, dG91, AA14, SLW10, SLG+18, ZCF17].

network-aware [RCG18]. Network-Based [GS01a, OM84, PN97a, PN97b, CVJ09, KJD03]. Network-on-Chip [BJS18, DR19, GJ12, AA14, ZCF17]. Network-on-Chips [LK10].

network-When [STKW12]. Networked [FGKT97, HS97, LHM95, OEY07, BW09, FX10, HP06, JL11, SS08, XLL15]. Networking [Ano01e, GCY+04, Bou03, DWYB10]. Networks [AAD02, AZ01, AS97, ABP92, Am94, Ano92c, Ano93e, Ano00d, AA95, BSS97, BAES92, BCh95a, BETD94, BCD00, BDF01, BCl95b, CP97, CT96, CS00, CAb94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DL01, DF95, DZ97, DC94, FCF00, FT94, GGN93, GPJA10, GK98, GHK98, GO95, GPS96, GB93, GS01b, HIKM94, yHY97, HLCZ00, HJH01, HJD+01, JR92, JH92a, JH94, Jll94, JlK94, KGKS01, KL01a, KR98, J Lauret95, LBL95, LLY93, LEC04, LLJ00a, LAZC00, LPS+98, LWOG02, LHBB+01, LC14b, LP95, MS00, Man94, MLW+97, MSH90, MS95, Mck94, MDD97, NRS95, NSSS99, NS92, OD95a, Ola01, OOs5, Orn94, Oy01, PRW94, PA97, PA01, PL93, Piu01, PKD97, Pra93, QMCL94, Qia97, QM01, RS96b, RP98, RMC97, Ros99, RLS96, SW96].

Networks [Sei05, SZB92, SLP+98, SVO0b, SF90, SCD99, SZy95, THGY15, TV92, TPJ+19, TH02, VB02, WM92, Wan96, WR97, Wan01b, WB01, WP02, WAS95, WIl92, WT92, YWW00, Yan01, YW92, YMG01, YP96, ZZC92, AP91a, ASM10, AGMS16, AAD03, AB05, Amm16, AP03, AH11, AH12, AHG12, Ana14, AMT13, Arb89, AYB+15, ABLP17, ALF03, AS18, BFG+03, BM11, BCV05, BSW07, BGLA03, BS03, BWP+11, BOY10, BDQ86, BHR19, BR91a, BPRS04, BOP06, Bhu87, Bod89, BR91b, BC11, BN03, BJ18, BZL10, BMIM07, CI03, CM04, CG12, CB15, CFI+18, CC14, CCW14, CNS03, CKN07, CW05, CS06b, CCK+08, CS10, CTC+10, CRWX12, CGC16,
CHCG18, CS92, CDR09a, CDR09b, CYZ06, CGG+09, CDCD05, CPA+11, CRSB13, CM93, CKML12, CMS04, CT04, CTT16, DF17, DW06]. networks
[DLLL11, DK11, DD96, DMB+03, DGBN14, DB08, DBW+18, DBCF13, Dim04, DKM10, DF06b, DH04, EAL90, EBE08, ESGQ+18, EM11, EDB1+17, FCW11, FCML13, Fei03, FY86, FZ90, FCZ+12, FJG06, FKJG08, FMM+08, FVCL05, FD86, FGL+11, FZ14, GHY10, GPT06a, GJ12, GRV08, GDP08, GP07, GY+04, GDCC18, GSSS03, GDL+11, GH89a, GAGPK03, GYP13, GZY14b, GM14a, GB11, GL12, GJXZ05, G03b, GMX07, HW03, HZA+15, HM07, HJ07, HJ90b, Har91, HS06, HZY04, HS12, HRG+11, HT06, HDT+15, Hoh00, HL07, HZDP12, HJLR12, HMY+18, HBAD15, HS17, HAC17, ISAZ07, ISAZ10, IB04, JF12, JY88, JY12, JBA15, JBS14, JHPL13, JBM91, JWX11, JBY+05, JKV15, KPT17, KVK105, KSSL16, KSI04, KKK11a, KK06, KOA09, Kia11, KKKP12, KSK15, KHK18, KNG11, KMF+05, KZ11, KKS09, KMS07, KDH08, KKK+11b, KKTZ13]. networks
[KH89, KGN11, KNS06, Lai15, LL19, LBMG15, LZ08, LK90, LR06, LDZ+17, LHKL03, LY10, LNA12, LR03a, LC05, LPX05a, LW06a, LT07, Li10, LC11, LMJC11, LWD12, LL12b, LW14, LXX14, Li14, LpJ+18, LGM18, LWXX19, LS03, LC07, LR03b, LLW07, LHT08, LZC11, LHL14, LDS16, LW18, LHP07, Ls08, ML05, MAGL13, MM04, MAM05, MAM05, MMY10, MAPF14, MV88, MPV12, MA11, MSZ05, MBMC19, MCS14, MS88, MV05, MB08, MYD+11, MKC+09, MAJ105, MVM04, MVP17, MBO11, MSAZ11, MHBW86, MK08b, NPGV10, NJ91, NSA11, NFHL13, NC09, NMM+14, NZA13, OWK14, OM10, OMSGNSG05, Pak89, Par05, PK05a, PL06, PLY15, Fe90, PCX+11, PCX+14, PSC+16, PKW+10, PW16, PW17, PV07, Ph08, PLR07, PMCC18, PB09, RM10, RM11, REK10a, REK10b, RLP14, RFS+12, RK06, RBP+11, RA11, RHL08, SCN12, SAOKZ05a]. networks-on-chip
[HRG+11, KKK+11b, LHL14, ALLM11, KL11, MEMEMH17]. Neural
[AA93, A092c, BST01, CW92, FTL92, HPT+97, JH92a, KJD03, Kr92, LWOG02, MM00, MLCFH+18, Mon94, NS92, Piu01, Ram92, TV092, WT92, ZC92, eW95, Arb89, FK99, GH89a, Joh89, KH98, OGRV+12, PGP+12, SMK19, Tor89, TDP15, VM95]. Neural-Network [CW92]. Neuro
O [AW95, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, GGD93, GFPC14, JSCB95, JSWB92, LTH97, MLG05, NSSS99, NsPPC02, No12, WHW+17, WLWW09]. O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ+19]. obfuscation [MMN+18]. Object [CSSY94, CS95b, DR98, GCB+00, HS00, JRR99, KC99a, LLS93, LTH97, Lop13, SG96, WPKK94, WLID02, WH97, ACFK07, Chi95, HD10, KC04, LLLC15, LFH+03, LC11, SA19, SK90, SCK03, TCS+10, YJB91, ZV09a]. Object-Based [DS96, WLID02, ZV09a]. Object-Oriented [CSSY94, CS95b, HS00, SG96, Chi95, YJB91]. object-space-parallel [ACFK07]. object-oriented [ADDB18, COV13, COF+17, FPF14, LÚ14, MMK+11, SJVRVVS19, dCPD19]. objectives [FEH+14]. Objects [CLZ00, CDP95, HPT02, Kap93, SBAM96, VWHL96, WG93, Won99, van96, AEF11, MB19, SB15]. Oblivious [CRSB13, IM00, ABBD14, YME06]. OBQA [ESGQ+11]. observability [MH18]. observations [RTZ11, ZHO03]. observatory [AAA+15]. obstacles [JSJ+11]. obstructed [DWX10]. Obtaining [AFT+00, VAS+13]. Occam [LC92]. Occamflow [GL89]. Ocean [SAC+98, SH92b, Nes10]. Octree [FLS+97]. Octrees [BFG94]. Odd [DS96, NT93, SL95, ZDC06]. Odd-Even [NT93]. ODEs [FKB17, KKR14, Wor93]. ODMRP [OPG08]. OFDMA [UM17]. Off [BCLR96, GK98, LP09, TOR+14, BS92, ECLV12, PF08, ZB09]. off-line [BS92]. off-the-shelf [PF08, ZB09]. offer [Trä09]. offloading [LYJ+19, WL04]. offs [CLR90, LCB16]. OLAP [DKRC+15]. Olden [CR96]. OLSR [KKK11a]. OLSR-aware [KKK11a]. Omega [Ano93e, CS93b, SZ00b, GL90, CS92]. omega-like [GL90]. omnipotent [BBD18]. OmpSs [PB+19]. on-chip [BYG+18, DJDK19, KH12, LNA12, LLKY13, LSXX14, LT12, IWCG14, MYD+11, PMCC18, UM17]. On-demand [YYLC11, BS07, FVLB09, HZDP12, LSZZ15, NKK16, SFEF06, WL05, XG03]. On-Line [BDKM94, LTY96, Yen01, DJ98, EL88, LHK03, KM88, SL90]. on-machine [AES11]. one [ACHY18]. One [Ano93e, Bog17, CS93b, LP95, PTA08, SR97a, SR97b, YAS98, ZB97, BPBR11, Che05, CS92, Deh90, Lai14, Yan04]. one- [Deh90]. One-Copy [Ano93e, CS93b, CS92]. One-Dimensional [LP95, PTA08]. One-Sided [ZB97]. one-step [Yan04]. one-to-all [Che05]. One-to-One [SR97a]. Online [CHR11, DTK11b, HCWS94, JTC+18, KKR14, LQM+12, LHL14, MQ01, ZLMC14, AZC13, AFG+19, BFG04, BJL18, CXX+18, DFLO17, Li06a, SHC14, TZ11, WWY+18]. Only [GS00, SLKK12]. ONoC [TKKH17]. OnRamp [FKR+17]. onto [BR08, BS90, BS+01, DAYA02, DJa04, DQR+09, ERL90, ERS90, GH89a, GW99, KMS+06, LLS07, MM00, MAS+99, XH91]. ontologies [ASHO19]. Ontology [PR09]. Ontology-based [PR09]. OP2 [GMS+13]. opacity
Open [CA94, DDO+18, ZSW14]. open-source [ZSW14].
OpenCL [AB13, MC17, PHW+13, PSB+19, RBB17, Str12, dAT17].
OpenMP [AGM96, CCM+06, HLCZ00, LNW+12, LA06, PARB14].
OpenMP-based [LNW+12]. operand [SR88a]. Operating
[MBL+92, SEP96, CDJ+89, FABG19]. Operation [HLJ01, Coh90, KNS91].
Operational [RHH96]. Operations [BTZ98, DP98, FAGW95, HTL99, HNJ98, KSA95, PKD93, Vans94, ZK94, BM04b, DT11, LMR05, JSWB92].
operator [CL85, TG03]. Operators [BDKM94, SR94, SMO14, WH17].
Opportunistic
[LYJ+19, AM07, DBW+18, LWLW18, WW18a, WWA+18, dKG+10].
Opportunities [PJ18, ATKT19]. opportunity [KS03]. opposition
[WRW13]. opposition-based [WRW13]. OPS5 [GF89, HS86]. Optical
[AK93, Ano93e, BA97, BC01, CS93b, CLM90, DP99, DSD+97, DR18, ELS94, ES97, GB93, HP97a, HQP979, IWM97, LLJ00a, LLJ00b, LPZ99, MR03, MC93, MB93, MG93, OS97, OS93, PEC95, QM01, RP98, SHC93, SL97, Szy95, SH98, THN+93, TBPV00, WLY01, WHT00, YWP00, YMGO1, ZMPE00, ZLPP01, CS10, CS92, KK17, KH12, LY13, McAS9, NAK04, PLD14, WG08, dR09].
Optically
[DH95, EH01b, Guo94, KM97, MKY+97, QMCL94, GMH+91, TRSS06].
Optimal
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Optimally
[Li10, LH04, LS05, Lis90, LCB16, MD07, MPG17b, NW88, NAA13, PY09c, Pel90, PW16, PA04, PLR07, RT12, SGR03, SSM90, SGE91, Tam18, V16, VAS+13, WC91, WIB12, XWC+08, ZQMM11]. optimality [HV09].
Optimally
[TPV00, GC07]. optimisation [AD12, LL07]. optimising
[PVRS17]. Optimistic
[HF02, NH93, PW96, SS93, DWG03, JLM08, QSO5].
Optimization
[BLG01, CGN+13, CLA+18, CLRW00, DDGK13, FM99a, FCF00, HA92, KCRB99, KZ90, KLS90, LHY97, MBW16, MC17, OK02, PMAL11, RL02, RNS96, SMDH94, TRSS06, VSM96, WCO+09, ALM+16, AThH1, AF06, APK18, ADDB18, BCM18, BNBR16, BDGR13, BHLT14, BYR+17, CMMT13, CCK11, CI86, DJII11, GZG+17, GL12, HVW16, JZZ+17, KS18, KA89, KK9+06, KLL87, LL10, LQM+12, LBT19, LGK+12, MZC18, NS12, OZ11, QSO5, RCG18, Ren11, RRS+08, SS11, SCC+06, SZD07, SK90, Str12, TPS+18, WMW09, WCL+13, WRW13, WQL14, WMG13, Wol88, XLHT13, XLH18, YWD08, ZZJ+18, ZV12, ZI08, ZWWX16, dCPD19].
Optimization-based [PMAL11]. Optimizations [BW95a, DUSH94, HKT94, KY96, RSB96, ZH99, ABC+09a, CZPP16, LJZ+19].

Optimize [DRR96, HLJ01, SF05, TdAR18]. Optimized [ABDS02, Bar05, LMXJ18, WJ14, Ana14, BKS91, DKC14, Pet18, TW15].

Optimizer [Hilly95]. Optimizer-Assisted [Hilly95]. Optimizing [ASA18, CC16, CPT97, HNSA07, Sab94, SBC12b, WCWO17, WLG01, WLW09, WL11, WSLC11, AFNT17, AHA+16, ARM+05, DV13, FMIF18, GYY+14, LSM09, ZG+14].

Optimum [BHK17, LP96a]. Opto [AA93]. Opto-electronic [AA93].

Optoelectronic [HPT+97, MLW+97, MB93, HNSA07]. orchestration [BYT19, PVP18, RCG+11]. Order [AMS94, Bit92, DLZ02, DT97, BCM06, BG05, BMWC+19, CB15, GA90, KKW13, KMF+05, KME+09, MP87].

Ordered [GS98, HCR12, TS91, CG10, JW98, KKS+12, SW18, Tay05, YLB+15]. Ordering [KK98b, PRR97, RS96a, ZB97, CHC05, Zah12]. Orders [SH97, Sta04]. ordinary [GGR89]. Organization [AP94, AAH17, CT04, HKK+18, UI84]. organizations [BW99]. organizing [BFKP04, BZH06, IZ12, KO11, MYM10]. orientations [AFM09]. Oriented [BS90, CSSY94, CS95b, Fer92, HS00, SG96, Bic90, BZL04, Chn95, CTT08, CSM+17, DZC17, DWYB10, GYAB11, Hdr13, HRE17, KHW13, KBD05, KRM17, LWQ18, MXS12, PEGS17, RKK06, SCG10, SK90, SFEF06, WWY+18, YB13, ZC04].

Origin2000 [SSOB02]. ORION [PRP09]. ORN [SK11]. Orthogonal [AR97, JD12, Wu02, GS91b, HC91, SM98a]. orthogonal-access [HC91]. Orthogonally [CP98]. Other [Kap93, Kum17].

OTIS [ZMPE00, ZX09]. Out-of-Core [BRC96, Raj04, KKB+06, KR11, WJ07]. outcomes [NKSA17]. outer [CTKA17]. Outerplanar [GS99, KW02, TSF14]. Output [AS93, GC07, PD92, Ros99, ST02, GS03a, PY09a, ST06].

Output-sensitive [GC07, GS03a]. outsourced [XLC+18]. outsourcing [CXY14]. Overall [LO96, SEP96, XL11]. overcome [KG04]. overflow [SCC+06]. Overhead [DR98, JNW96, KS00, SD00, BCM87, BD04, CX05, FG05, LMGLGL17, SC91a, SZ09]. overheads [DI91]. Overlap [QH96, ALTV13]. Overlapped [Lin93a, KNS91, SWL17]. Overlapping [CQ95, Wib02, CHC05, KSG03].

Overlay [PRP09, BHK17, CMMN10, EDH+17, GZMC08, HK04, LSS+11a, LSS+11b, LCM+06, RA11, SB12, XLG+06, YF07]. Overlays [HASB16, ZH07].

overloading [AOSM04]. oversubscription [KKLJ14]. Overview [EMP+96, KS93, ABC+88, SSZ10].

P [ASST05, dR09, PMV06]. P2MCMD [LC07]. P2P [AS19, CWLD05, CFI+18, DW12, EDH+17, FZ14, GB11, GJXZ05, LL19, LZY11, Luc18, MAPF14, RHL08, She09, SH09, SHLN09, SK11, WCX11, YCH+10].

P2P-based [She09]. PA [SRT+18]. PA-Star [SRT+18]. PACK [BR96]. PACK/UNPACK [BR96]. Package [HS97, KOW97, KXMN94, CPO+03].
packages [DAB+14, PL03b]. Packet [GHKS98, GO95, JK00, LYL93, LS94, NS95, OYO00, PRW94, PV89, RD05, SL97, ZY12, BMIM07, CK13, EKNS17, HBS17, HDCF11, KMFM+05, KK10, Nap90, OS04, PY09a, UM17, YSL08].

packet-level [YSL08]. packet-size [OS04]. packet-switched [Nap90].

Packets [GRV97]. Packet [GHKS98, GO95, JK00, LYL93, LS94, NS95, OYO00, PRW94, PV89, RD05, SL97, ZY12, BMIM07, CK13, EKNS17, HBS17, HDCF11, KMFM+05, KK10, Nap90, OS04, PY09a, UM17, YSL08].

Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08]. Pagenumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+]. Pairwise [GP00, CK08]. PAME [YLZW18]. Pancake [BS03, KAM94]. pancyclicity [XHZZ16]. panel [Rob09]. Paper [Ano01m, Ros07, OY13]. Papers [Ano95i, Ano95j, Ano96j, Ano97i, Ano97j, Ano98k, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano99l, Ano00a, Ano00e, Ano00f, Ano00g, Ano00h, Ano01c, Ano01d, Ano01e, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ben15, Sni03, Mue13, Phi13, Rob09].

Para [CD98]. Paradigm [KBD05, RS92d, BAMM05, CVJ09, KDSS18, CK01, MSJ05, Sie16]. Paradigm-oriented [KBD05]. Paradigms [Ano99g, CEF+95, YMR93, XQ04]. Paragon [CCRS92]. Parallel [ASR93, AGW01, AT94, AF94, AAL95, XTT02, AISS97, AP94, AaJS01, Alh97, AMF03, AS13, AS97, AS95, AH94, Ano92a, Ano93a, Ano96j, Ano97j, Ano97k, Ano99g, Ano00d, Ano02v, ASC+98, ABZ95, AKPM95, ADM+94, AS94, ADS+98, AB93, BK95, BJ96, BR96, BCD95, BDD+91, Bai94, BW94, BBH+97, Ba90, BDF92, BGR96, BS97, BCFV94, BF94, BN94, BB93, BGM+92, BV93, BL94, Bev02, BBH+98, BKK17, BK95, BEE00, BS90, BHS+94, BDHF90, BS93, BR95c, BPR06, BMRW07, BMRC98, BMRC99, BS90, BTZ09, Bro96, BX93, BDH+97, BA01b, GT02, BMCP98, BW18, BM95, BNS99, BS90, CP97, CMT93, CP98, CGKK97, COV13, Cas93, CC91, CD97, CDRC99, CB99, CKK00, CvdBL+08, CCRS92, CGL+95, CCC90, CS95b, CF10b, CW93, CA95a, CWW+95, Chi92]. Parallel [CV91, CDJ90, CN93, CP92, Cho93, CH94, CY96, CWP98, CB96, CQ95, CR97, CG98, CH92, CP94, CA95b, CHGM01, CRFS94, CLZ00, CBDC00, Cuz11, DDD+18, DFH+13, DM90a, DM95, DOP98, DP00, DM92, DRC90, DH91a, DS84, DS90, DH94, DDGK13, DN94, DJM94, DSW94, DT90, DSD+97, DBK90, DD95, DZ97, DJT03, ES96, ERL90, ERA95, EMM94, ES94, ES97, EHS94, EHRN95, Fad96, FLL14, FZWL12, FBR03, FGcF17, FT+14, Fer95, FR96b, Fer92, FMP98, FLS+97, FPS11, FC95, FKKC97, FJ93, FMW+94, Fre96, FT94, GG94, GP94, GCB+00, GGN93, GV94, Gje98, GBS93, GGD93, GM+93, GJP96, GC01, GSC96, GM95, GSP92, Gra09, GL92, GH9b, GHN92, GWH06, GZ18, G93, GHJ96, GS99, GRR+95, Hag97, HMM94, HK96, HH97, HGCC96, Han89].
Parallel [HES11, HB97, HBJ98, HP95, HR92b, HR92a, HHC98, HP97b, HN91, HTB98, HR89, IK94, IZ95, IWM97, IHM05, JW94, JBL02, JSM94, Jia99, KR97, KF95a, KME92, Kap93, KSA95, Kar92, KK98b, Kau94, KZ96, KKN13, KR98, KB01, KKS08, KE93, KS93, Kri92, KRS13, KW02, KG94, KG94, KM92, KA97, KC99b, LSCA93, Lan09, LWCC15, LP96a, Las12, LMC90, LW97, LTH97, LJKS02, LS97, LC90b, LAS+97, LP99, Li01, LWO92, LY98, LSS+11a, LST+13, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LI11, LFA96, LKB+15, MB96a, MHF93, Mah95, MM93, MS99a, MLC+90, MR94a, MP90, MT96, MB96b, MP93, MS99a, MSH90, MD98, MZC18, MHC95, MB92, MSd+95, MMAL+06, Mer96, Mil93, Mr91, MB93, MG98, Moh96, MSAZ10a, MNK12, MS96, MS99b]. Parallel [NSS97, Nas94, NFEG97, NMS93, NS97, Ngo06, NT90, NKC+97, NH93, Nie94, Nie94, Nik04, NZA13, NaPP02, NZA99, NS92, NPY+97, O005, OY00, OB98, OY13, OP98, ORR03, OR97, OT19, PH91, PD05, PP96, PDP17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, Pla08, PAH+98, PAJC97, PBB+17, PRS14, PSE+01, QZ94, QH96, QOvdG01, REK10a, Raj01, RSS96, Ram2, RL02, RS92b, Rec84, RW01, RG500, RPS93, RSL12, RSW90, RIZ90, RJA97, Ros99, Ros07, RW93, SSG93, SH90, SS96, San98, SM96, San02, SAKM02, SH97, SG93, Sch90, SM9b, SW96, Sch91, SdS97, SAF05, SR97a, SR97b, SAC+98, She06, SS92, SSHC00, STN92, Shu95, SGS99, SII00, SM00, SRK95, SRRV94, SB93, SC95, Ski06, Sni03, Soh96, SL97, SHRM19, SLKK13]. Parallel [SIR92, SK93, SMKL93, Ste95, SS96, SWC+91, SF90, SYG92, SS97, Sz95, TH11, Tat11, TSA97, TW87, Ten90, TAS+01, TR96, THBF97, TVO92, TZ00, TK08, TF01, UAPM07, Upa13, VSM96, VGAB08, WB94, WCE97, WLY01, WM92, WNA+94, WPKK94, WB96, WTC08a, WMW09, WRW13, WSA+94, WD94, Wee01, We98, WMG01, Wei02, WA02, WAS95, WS95, WS97a, Wor93, Wr91, WT92, WH97, WHT00, WHT02, XP10, YBX+13, YZ96, YWAT13, YB95, YIY97, YB01, YP96, Zak01, Zep91, ZHY94, ZK94, ZBH97, ZHN2, ZG94a, ZO97, ZYO02, ZAR1, dCDP19, ACY08, AKDMN15, Ada17, ALS91, ABG91, AFG+19, AP91c, ATH91, Ara90, AMM+18, AE88, ANP07, AG86, ADDB18, AB13, AJG18, ACFK07, Bad04, BC05, BCM87, BB87, BBC02, BKC+15, BBM08, BA06, BCF05, BAH04, BNB16]. Parallel [BFH09, BS87, BSG90, BR91b, BKMT14, BGM+08, Bož09, BCK+13, BSH15, CK88, CP10a, CTS17, CR91, CDS10, CSML10, CCE+17, CCS06, CR04, CEG07, CVK+18b, Che86, CCG87, CZZ+17, CLOL17, CFJW13, CKWT17, CJ97, CT94, CDJ+89, CL85, C90, CB06, CD95, CK91, CM12, CB11, dADC18, DFP06a, DM18, DRT07, DM90b, DM90c, DQR+09, DUU86, DLW+12, DAG+17, DRR13, DM94, DWHL87, Ebn04, EB13, ESTA94, EE05, EI07, FC04, FGG08, FKB17, FCS91, FSD04, FKR+17, FCQ+14, GMMP12, GVBB13, GGR89, GSI91, GP92, GT01, GMVRG16, GWL94, GAC+17, GS93a, GC07, GB06, HM06, HSS10, HZZ+19, HOE+09, HSH10, HD13, HS86, HA91, Hsi04, HSS17, mH14, JT88, JSWB92, JMS86, JL05, JJ12, JST12, JP09,
LJKS02, YI96, CG86, Gai90, GÖÖ16, Mat06, OT86, SR88a, SM08a, MR03, Partitioner [SSB98]. Partitioning [Als01, AYIE98, BW96, Bou02, CN93, GK98, HS93, Kar95, KK98a, KK98b, Lee90, Mah95, Moh96, MFS96, Nic94, P HB96, PB99, TG99, WCE97, WF93, ASA18, AHA+16, ACU08, CP05, DKUC¸15, DHK04, ES12, GHC+17, LVP07, LSXX14, LZLX11, Mit07, PA04, PTA08, RMU14, SW91, STA12, SLKK13, TK08, LWC+18]. Partitions [SS96, MMS09, SBÇ¸12a, partner [FCC07], party [GCS06], PARULEL [SWC+91]. Pascal [PLD87, Ree84]. Pascal-based [PLD87]. Pass [Wan96, DD96, MPN17]. passable [VR86]. Passing [BB93, BDH+97, CW92, CD98, dADB96, GBE93, HNM02, Isl97, Kar92, KTF03, LK96, MD92, PY96, PS01, SCMB90, XH93, ZN01, BPW05, DDNT10, GH98a, Hal05, IRRS16, Kak15, KMS10, KS13, LR06, PS14, She06, TGPUC16, vS91]. Passive [MR03, DS04b, YT05]. Password [Lop18]. Password-based [Lop18]. Past [TAS+01]. patch [GA16, Meg91]. patch-based [GA16]. Patches [GM95]. Path [BLG01, DP00, FF98, HTB98, IZ95, LK96, MKM16, NTA96, OC07, RMC97, TU92, TZ00, AT91, ANP07, CHGC18, DGNW13, DM90b, EDO05, Hsi04, KS91, LS03, LLFJ18, NS90, Ros89, SYYU07, VLL+14, WCC02, YME06, YC12, DCA+15]. Path-Based [FF98, RMC97]. Paths [BGR96, BP02, GT97, GP90, DMB+03, FLPJ07, Lai14, Lai15, Lai17, MT14, NCA+12, PK04b, WFLJ16]. Pattern [AA93, BMRC99, LW95, Lon04, PDP17]. Patternlets [Ada17]. Patterns [AM17, GSP02, KS02, LL95, AM13, Ada17, BHR91, BR91a, CTS17, ETG14, HHA14, HKK+18, KIH15, NAK04, RUG08, SPBR91]. Paving [APV18]. payments [CSS11]. PBS [GPJA10]. PC3 [AHG12]. PCB [wXH00]. PCG [ORR93]. PCS [CF00]. PCT [AT03, KDO+13]. PdBCube [CAB94]. PDC [AYB+15, Kum17]. PDE [CHR94, GV86]. PDES [PW96]. PEACE [BSN99]. peak [YJKD10]. PEC [LP95, RS96b]. Pedagogy [GAC+17]. Peer [HBF12, LCCL10, NMN+14, SJG19, TMIK+17, ALH+09, ABCM07, AS18, BCK+09, BAL05, BB11, CTC11, CGKY12, FJG06, FKJG08, FCVL05, HK04, LKS14, LC07, LLW12, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12]. Peer-to-Peer [LCCL10, SJG19, TMIK+17, HBF12, NMN+14, ALH+09, ABCM07, AS18, BCK+09, BAL05, CTC11, FJG06, FKJG08, FCVL05, HK04, LKS14, LC07, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12]. Penalties [SDS99]. penalty [CK13]. people [HRM17]. per-core [LSC+15]. per-object [LC11]. per-user [LC11]. Perceptron [ZAW94]. Perceptual [CPW98]. Percolation [MSH90]. Perfect [BAES92, AB05]. Perfectly [Lin93a]. perform [EL91]. Performance [AP91a, Abr96, ABDS02, AP93, ACD+93, ATM01, AYIE98, AH94, Aço92a, Aço97k, AA95, BJ09, BBH+97, BPJG92, BCV94, BS96a, BAMB05, BL96, BCD00, BP01, BLG01, BNSP99, CTD99, yCM98, CY99, CGKY12, CB02, CP99, D895a, Dah99, DPD08, DY99, DS02, DWYB10, DW04, DB18, DF94, ER97, FR92, FRM15, Fee92, FGKT97, FP93, GCB+00, GE85, GT02, GM94a, GGD93, GLGLBG12, GDN+98, GM99, GRR93, GBA08, GK93, GK04.
[GPJA10, DM88, MS87, Nic07, Sch89b, Sil90]. Pong [LF92]. pools [AFD+11]. POPS [RD05]. Popularity [SHLN09]. population [MS15].

Port [CDF01, RJMC95, ST02, Dim04, ST06]. Portability [SGdSS13, ETS14, PHW+13]. Portable [BK95, BHS+94, LW02, RH06, VAF19, LFGM17, MRS+14, MLK12]. portal [FKR+17, PLL+03]. portals [BAK+03]. Porting [KME09]. Ports [AW95]. positive [KK86]. possession [LZY+18]. possibly [MCS14]. Potato [NS95]. Potential [MK92, ARD14]. Power [CG17, DR18, Ebe94, EB09, KCR14, MAHKZ12, TVT96, WQL14, ARI17, AG12, BAPRS91, CZPP16, CHCG18, DZC17, HMV07, HZL18, JHF+17, KK11, LM16, LB12, MGRRK14, OJP+18, Ren11, SZL10, TJCB10, TVT+17, WTB+08, YBX+13, YA11, YZW+15, YJKD10, ZV12, ZCF+17, dR09]. Power-Aware [DR18, EB09, KCR14, WQL14, CHCG18, OMT+17, SZL10]. power-constrained [JHF+17, WTB+08]. power-gating [CZPP16]. power-performance [CG17]. pp [Ano92a, Ano92c, Ano93e, BS96c]. PPM [LW16b]. PRA* [EHMN95]. Practical [Ger98, HCWS94, HR92b, HR92a, KK95, SGS99, YZS96, FSP18, LXW+11, McD89, Suk18]. practice [PTA08].


Prediction [ASK016, Ano97k, AYB+15, CTD99, DBW+18, KL01b, PH00, WDS+18, WWA+18, YZS96, Y96, ARVZ14, CDB04, CXX+18, CXQ+18, DZC17, DKC14, KVA18, LGZ+10, LC14a, LKM12, LWQ18, MVP17, PMdO11, uRIL+18, SM08a, SK05a, Udd19, WWY+18]. Prediction-based [AYB+15, DBW+18]. Predictions [DD95, ZXS96, LSH+13, NVK+11]. Predictive [DSW94, BYH+17, RKK06, SNMB16]. predictor [GGR89]. predictor-corrector [GGR89]. preemptable [LQM+12]. Preemption [MS98, SJB12]. Preemption-Safe [MS98]. Preemptive [AGPK03, JTZZ11, Mar88]. Preface [Ano01-33, Ola01]. preferences [WMY+17, WTY+18]. Prefetch [SD00, Zha11]. Prefetching [BL96, KS97a, LY98, LY01, MG91, SMH94, SG99, SD00, HD10, HA05, LAK10, SSG18].

Prefix [HJ01, MP93, San02, AFM03, BS03, EB13, Han89, LH04, LS05, LH09, SPP13]. prefix-based [PH13]. Pregel [XYZW14]. Preliminaries [NBM93]. Preparing [GS18]. preprocessing [FSZ07]. Presence [ADB01, LT96,
HZA+15, ISM07, PMHM19, RLH03, SAOKM03, WE13, WSLC11].

preservation [GSASA19]. preserved [SWW+17]. Preserving
[NA02, CXY14, JP09, OMSGNSG05, TKR+19, WML+18], prevention
[BYT19]. pricing [GRDB05, ZV12]. primary [AOSM04, BB03].

primary-backup [AOSM04]. prime [YLB90]. Primitives
[FAM96, AF17, BBH+17]. principal [VLW18, AHG12]. principle
[GXYZ13]. Principles [KAS07, DAG+17, FK89]. Prior [KHN17, SHK19].
priorities [BSMH08, KSS+07]. prioritized [LASS15, LW89]. Priority
[BMY7, BT98, JH96, KB96b, San98, TF92, FC90, HM06,
MAKWZ13, MM07c, SR16, ST05]. priority-based [MM07c]. prism [Ros85].

Privacy
[CXY14, BJL18, GSASA19, LLLD15, LZSL06, SWW+17, TKR+19, WML+18].
privacy-preservation [GSASA19]. privacy-preserved [SWW+17].
Privacy-preserving [CXY14, WML+18]. Private
[REK10a, REK10b, CKMP17, LTWW12, RFPAG08, SHK19]. privileges
[LS19]. Pro [KV10]. Pro-active [KV10]. Proactive
[RLH03, TXLL14, WMES12, DW12, FX10, HOVC09, KAA+19, SZ09, WWY+18].

Probabilistic
[CWL+07, DM92, SCMS12, ESCV15, JHPL13, MK08b, SU87, WMG13, ZA05].
probability [DJH11, GXYZ13, KNS06, LNAL17, LXL12, NGQM12].
probability-based [GXYZ13]. probe [ZFWF06]. Problem
[AS95, AM93, AST05, BSH15, CLRW00, CRFS94, GP00, HH01, HC97,
Kau94, KBC+01, KLZ97, LF92, NW88, RDL95, TU92, TZ00, WH97, Zia92,
AY89, ANP07, BCM15, BB85a, BSG90, BF04, BM06, Bož09, BW18,
DBA+18, dADC18, DM90c, EE05, FZWL12, FMM+08, GT04, HSSM07,
Hsi04, HC11, HM05, JH96, LM05, LSS88, LWR+03, LYL08, LCCL10,
LLCZ19, LS91, LH09, MGG03, Ngo06, OA10, PMV05, PB08, PD13, Sch13,
SU87, Sta17, WLL16, WCEA10, WZ91, WMG13, Cza13].
problem-size-independent [LH09]. Problem-Solving
[KBC+01, LWR+03]. Problems
[ANO96i, AN99g, ADS01, BK95, BOS+95, BEE00, BG09, BMCP08, CB95,
DS02, ESMG96, FR96b, FR98, FT94, GL92, KLO1a, LSH96, MS94, MP96,
MS99b, OR97, RS96b, Ser97, SN93, Ten90, TF01, WM92, WLR90, WHT02,
WH08, ATH91, AG86, BG+03, BS03, BB90, CM13T, CEG07, KJD03,
LV06a, Lin91, Los08, LG08, LV88, MP09, Men18, Nik04, PPSV15,
WR13, WMG13, YS11, ZTF16, dCPD19]. procedural [Kan05].
procedure [Kub17]. procedures [DWHL87]. Process
[CCM92, IAS+92, Kar95, KSP+92, KOW97, Qia97, Ric98, SMR96, SS93,
SF90, Alc19, Ara90, Bic90, Gai87, Gai90, GA18, HRF+11, Lo92,
MEMEMH17, SDG17, TKX+13, WMES12].
Processes [DZ97, VWHL96, BFTV87, GK15, MAR05]. Processing
[AY93, AK93, AGWY11, CS95b, DDGK13, Eme13, GC95, GLGLBG12,
processing [XHY07, XQ04, ZMCP11, ZHH15, Ano93a, PRS14]. Processor [AW95, AERBL92, Ann94, BG86, CW93, CWW +95, CkLCK04, CkLCK05, DY99, DDD98, GW99, Goe94, Guo94, HO94, Hwa97, JB98, KC98, KF90b, KB92, LS91, MS94+95, Moh96, MNM98, MBK +92, NSS97, OS98, Par96, PT01, RKK97, SS93, SHC93, SS97, WCF94, YD98, XL98, Zha92, ZYO02, ACYS08, Bat05, Bod89, CL88, CL85, DK11, Deh90, El90, Gro85, HK08, HA05, Kr91, KR87, Lee91, LC13, Li05, LY13, MM07b, OT96, PL97, PR13, RR05, RLH03, SI86, SI89, SSM99, SHL +13, SKK91, ST51, SAJ13, SE15, SHRM19, TR08, TaAR18, WIR +15, Wil92, XP10, YBM13, LT98].

Processor-efficient [LS91]. Processor-embedded [CkLCK04, CkLCK05]. processor-in-memory [HA05]. processor-node [TR08]. Processors [CMS92, DBKF90, GR96, Hag97, HGPT99, HBH93, JR95, LPU97, MP96, AR17, AHec90, BM17a, BD05, Bat05, BB85b, BR91b, CB +98, CN14, CCK11, CHLL18, CCK +13, CRB13, CK91, DDG +17, DPRW85, DWYB10, FSP18, IC05, JJ12, JHF +17, JZF +15, KM88, LV15, NS12, NZ17, PK89, SPC +17, SNMB16, SC91a, SP13, XTN12, ZXB14]. producer [KK11].

producer-consumer [KK11]. Product [AAD02, AFG +19, EGH94, MSC96, CI03, Dim04, Dja06, ISA07, ISA10, JD12, MSA11, ST51]. Production [BBD +91, HKT +91, KM91, KM92, Nie94, Sch91, DM09c, GF89, HS86, SM86, TDBL13]. productivity [VFAD17]. Products [ANS97, WL00, CP10b].

Professor [Ano04r]. profiles [YWAT13]. Profiling [BST01, KC17, uRIL +18]. Profit [LWZZ12, AM06, KSSK16, LLCLZ19, ZV12].

Profit-driven [LWZZ12]. Program [BDF92, BE95, DBP94, DD95, ERL90, Fer92, FJ93, GSG +93, LSC93, LMCF90, LAS +97, MDD97, Mi93, NB93, PP96, PS01, RRS +08, SH92b, The02, WF93, YB01, ZY94, GJ88, Kan05, RM90, ESA03].

programmable [AC89, HHA14, MM07b, PYP +10]. Programming [AT94, AM03, AB84, BK95, BJ99, BCD95, Baf90, BN94, BB93, CP97, CO13, CRB92, CCR92, CEF +95, CBdCD00, CJ99b, DRR13, FC95, Fec96, FBCD99, GP94, GGW96, GAG +92, GLC01, HR00, JW94, JRR99, NT90, PA94, PM96, RAS96, SSOB02, Sin95, SC95, VBF13, VFAD17, ZBC92, AE88, AB13, AJG18, BMM05, BYG +18, Bog17, Bo90, BHS93, BLZ +18, CK88, CCC +04, CT17, CCE +17, CMR9, DRT07, Eij18, EE05, EC89, ESA03, FGcF17, GL89, HdrR13, HSS17, IEWK17, KKV105, KSG13, KZ11, MSS88,
RK18, RSR04, RR05, RSW91, SSdIB⁺10, TFMS15, YQTV12.

**programming-based** [KKVI05]. **Programs**

[AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL⁺95, CMS92, DR98, dADB06, ERA95, Far96, Gup92, GHSJ96, HLJ01, Kar92, KY96, LP97, Lun94, Lun99, Mah95, MI92, QZ94, QH96, RJA97, RW93, SKR93, SG93, SSHC00, SK93, TR96, TG97, YI96, ZN01, ZH99, AY09, Bic90, CC16, CAC13, DeG88, DMG18, FKLBO8, GÖÖ16, HK08, HS03, LP97, Lun94, MCdS9, NCT⁺07, Ne90, Pop91, SCMH13, THSS87, YD172, ZXB14].

**Progressive** [RGS00, YIY97]. **Project** [BSH15, FCO90]. **Projection** [AAP01, HSJP87, FGL⁺11, NCA⁺12]. **Projection-Based** [HSJP87]. **projections** [KM03]. **PROLOG** [SS97]. **proofs** [AP16]. **Protected** [LS19]. **Protecting** [SY04, LZSL06]. **property** [PB09]. **properties-aware** [WMY⁺17]. **property** [PB09]. **proportionality** [KR12, KCR14]. **Proposal** [HPT⁺97, ESGQ⁺14, NKK16, VO89]. **proposals** [RFPAG08]. **Protected** [LS19]. **Protecting** [SY04, LZSL06]. **protein** [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS⁺18]. **Protocol** [BMMS01, BHK17, CKL09, GRS97, GS01b, HP00, KUFMO02, KB96a, LL08, Seb95, The02, AMT13, ARD14, ALF03, BDM18, BOY10, CL03a, CCHC09, CS08, CL09, EBE08, ER88, EDH⁺17, GCS06, GZY14b, HLS12, HZD12, LS06, Lmu90, LM09, MCdS⁺06, MAGL13, MPG17a, NPGV10, NSA11, PG06, SMPMLVS11, TLY12, WDS06, ZWS09, ZLCJ12, SJS11].

**Protocols** [AS00, DS95a, Dah99, DSS95, GS00, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJL18, CXY14, CB06, CDAN14, FW05, GS03b, JBY⁺05, KL10, LPX05a, Les08, MAL05, MCM⁺17, MS15, OS05, RFS⁺12, Seb91, VA03, WTC08a, WTC08b, WCY08, mYA91].

**proton** [KDO⁺13]. **Prototype** [CSSY94, KYL05]. **Prototyping** [DN94, WH97, PRG88]. **Provable** [KMP⁺06, LZY⁺18]. **Provably** [DP99]. **providing** [Zah12]. **proving** [SH17]. **provisioning** [AMU⁺19, JAB12, KM17, MZZC12, MCZ14, NF16]. **proxies** [TC04].

**Proximity** [OSZ98, CJD⁺10, SX08]. **proxy** [HC09, KERUM04, ZVL11]. **proxy-based** [HC09]. **pruning** [MCC04]. **PS** [dAAD⁺19]. **PS** [PS⁺18]. **PS** [PS⁺18]. **pseudo** [CVK⁺18a]. **pseudo-spectral** [CVK⁺18a]. **PSIST** [GZ08]. **PSO** [ADD18, 4CPD19]. **PTASs** [LW06a]. **PTNet** [BF⁺17]. **PTRAN** [ABC⁺88]. **PTW** [PW96]. **public** [AM06, AVAH18, SXS14]. **public-key** [AVA⁺18]. **publish** [ZW13, dAAD⁺19]. **publish/subscribe** [ZW13, dAAD⁺19]. **Publisher** [Ano04d]. **PUF** [BDM18]. **PUF-based** [BDM18]. **Pull** [DLL11]. **Pulse** [ZLPP01]. **Perdue** [SAB⁺92]. **Purpose** [GFB⁺92, CBM⁺08, CW15, KL08b, Lo92, LCB16, RGD03]. **pursuit** [YpGyL13]. **pursuit-evasion** [YpGyL13]. **Push** [DLL11, AS95].
Push-Relabel [AS95]. PUT [HLS12]. puzzling [SPvH03]. PVM [KOW97, LDCZ97, SKH96, WAS95, ZPI06]. PVM-Based [WAS95]. PVM-Based [BR95b]. Pyramid [DS93, RL95, Tan84, LW90, Ros85, WW04]. Pyramids [NPI96]. pyrosequencing [SPRG12]. Python [DPS05, DPSD08].


Randomly [SS96]. Range [SIR92, GB11, KKN13, MKM16, PARB14, TDC05, YWAT13]. range-free [MKM16]. ranges [CHCG18, CYZ06]. Ranking [SGS99, AAD03, Vis87]. Rapid [PRHB06, CL85, XSYG18]. rapidly [Li10]. raster [Wri91]. Rate [MO97, OJP+18, RGS00, ÜD96, AGWY11, GA18, Hu11, HK18, MAHKZ12, SCW+18]. Rate-based [OJP+18]. Ratio [MO97]. Rational [GM95, KM88]. Ray [RGS00, CDB04]. Ray-Tracing [RGS00, CDB04]. RCC [HH97]. RCC-Full [HH97]. Re [FVCL05, LMJC11, PRHB06, RCG18]. re-authentication [PRHB06]. re-engineering [LMJC11]. read-dominated [AM12b]. read-write [CG10]. Read/write [IRRS16, AM12b, CH06a, CG10, GNS09, IR12]. real-time [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML+99, MMRS98, MMVR97, Moh97, MSST99, OO90, PS93, RDS02, RU99, RAS96, STN92, THFB97, WLID02, Zim96, van96, AOS04, AO08, BW08, BVGV14, BGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, ED005, FSP18, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JLWX11, JZZ+17, JHL+18, KK17, LHK03, LZCY09, MLG12, MAM05, MAMW13, MVP17, NA06, QJ05, RLH03, SA19, TZH+06, WL05, XQ05, ZZJ+18, ZHH15, ZBD03, ZQMM11, ZHLQ12]. Real-Time [AA95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML99, MMRS98, MMVR97, Moh97, MSST99, OO90, PS93, RDS02, RU99, RAS96, STN92, THFB97, WLID02, Zim96, van96, AOS04, AO08, BVGV14, BGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, ED005, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JLWX11, JZZ+17, JHL+18, KK17, LHK03, LZCY09, MLG12, MAM05, MAMW13, QJ05, RLH03, SA19, TZH+06, WL05, XQ05, ZZJ+18, ZHH15, ZQMM11, ZHLQ12]. realistic [FTM+19, KNS06, SJS11]. Real-TimeTalk [EMP+96]. rear [CXQ+18]. rear-end [CXQ+18]. rearrangeability [DD96]. Rearranged [CS93b, HJDH01, FY86, Pak89]. Rearrangement [BVBO2, GL92]. Reasoning [PS88, Ste95, eW95]. recall [BGBC+16]. recipients [Ros07]. reciprocal [SL90]. reciprocity [HBF12]. Reclaiming [GMM00, MMVR97]. reconfiguration [XYO11]. Reconfigurable [AT94, BAGS95, BSDE96, BBR94, BM97, BA95, BGOS95, CS+95, CCG+95, DS01, EL97, EH01b, FZVT02, HQPT99, HCCS94, JP95, JS94, JF98, LF90a, LS95, LP99, LR93, MD01, MG93, MT97b, Nak95, NS94, ORWT+18, OS96a, TVS97, TBPV00, WHT00, dR09.
Reconstruction [CGA98, QMCL94, UR94, YTR94, BAPRS91, DMG18, DBLB+12, HBS17, JWSG14, LBMG15, LHX+16, PSPR05, ZBW+17].

Reconstructing [BDG+15, OOW95]. reconstructions [SHT+08]. recoverable [ZSCX18]. Recovery [CP01, FCF00, JF95, LY10, LS01, MFS93, BG05, DWG03, MM04, MM06, MS02, PGSO6, TTH12, ZWY+15]. rectangle [Deh90, LV88]. rectangles [Gro85]. Reducible [DH94]. Reducing [BCM87, BD04, FGP05, GS00, IIH16, PB90, SS03, ASA18, CK13, CX05, RWB+13]. Reduction [PA97, RJY96, SSG93, SM92b, BV13, BW18, Li17, LS88, Sch87, SPH13, ST08a, YAK15].

Reduction [PA97, RJY96, SSG93, SM92b, BV13, BW18, Li17, LS88, Sch87, SPH13, ST08a, YAK15].


relax [LR03a]. relaxing [TBHA07]. Release [KCDZ95, LTWY95]. Reliability [BDGR13, GP93, GST09, HHC98, MT93b, TLLV10, AH06, HHK15, JST12, KHW13, MSM09, Q05, TLQS12, TTH12, TYH09, VRM10, WWW17b, WWY+18, XS11]. Reliability-aware [TLLV10]. reliability-driven [Q05, TLQS12]. reliability-oriented
Reliable [AAH17, BG05, DM99, GS01b, KGN89, LHP07, MPS16, Tze93, AA16, ACPT15, ATKT19, HOVC09, KSI04, KL05, MK08a, MRRT07, OWK14, ZW13, DAPR18], reloading [BBS13]. Relocation [YCY+00]. ReLog [ZTGL17]. Remapping [OR97, ACFK07, FXW03, YGZ+10].


Resolving [LKK94, Zha11]. resonance [CCN06]. Resource [AB84, BVGV14, BMF05, BSH15, BKK+11, CKK00, GMM00, ISAZ10, KM17, MMVR97, NSTM01, OMS4, RDS02, RSN01, SM94, SZMK13, SSSC10, YT05, ZAB18, ZI08, ALH+09, AB03a, AB05, AKSM08, AAA+10, ADD17, ATZ07, AS19, BMB+08, BSMH08, BSS+13, CCA18, CDS10, CRH11, CKMP17, DW12, ECSV15, Fu10, HSLL04, HHK15, JAB12, JK89, JHF+17, KBC19, LCC+05, LC91b, LL10, LL12a, LS10, MAPF14, MZZC12, MCZ14, NF16, OJP+18, RCG+11, RKK06, RLH03, SSM+16, SNCP12, Shs09, SSM08, SCMS12, TFMS15, TKX+13, VD18, VMMB10, XLI11, ZLL14]. resource-constrained [VMMB10]. Resource-efficient [SZMK13].
Resources [HS94b, ASKO16, AM06, AM07, AM11, CFI+18, LKM12, LZF+11, LDP+14, NVK+11, NSDZ18, NAK04, SSM+06, SSM+07, YZS15].

Respectable [GHK+12].

Response [TPS+18, DHK04, HPB+10, VA07].

Restrart [LACJ18, NC13].

Restrarts [GK15].

Restoration [UAPM07].

Restricted [Fra92, MSSE02, BS03, BBM08, DeG88, JZF+15].

Restrictions [Li92].

Result [Lon04].

Resultants [Eme13].

Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03].

Retargetability [MB96b].

Rethink [WW18a].

Retraction [PCX+14].

Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17].

REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DM+19, DK04].

Revealing [AF17].

Reversal [NTA96, Ede91].

Reversals [BS03].

Reverse [LP97, JXW06, NMN+14].

Review [ZGJ+18].

Reviewer [Ano08, Ano09, Ano10b, Ano11k, Ano14g, Ano15k].

Reviewers [Gra10a, KL08a].

Revised [KP17].

Revisit [LLS07].

Revisited [DJ16, GDP08, GXYZ13].

Revisiting [MR09, SPM13].

Reward [SM92a, CMT92].

Rewarding [CFI+18].

RF [UM17].

RFID [CRK+09, CL09].

Rhombic [Wil90].

Riccati [MV94].

Rigid [JBL02, LF03].

Ring [BA95, CMS92, FFK97, Goe94, GH96, HJD+01, MBK+92, ZB97, BG6, LLKY13, LLDL15, MM04, PV89, RM10, RKS87, YC04, ZWS09].

Ringed [DVZ96].

Rings [FKS97, GR96, KY02, KUFM02, LHS97, LSC00, MS94, Man97, YTR94, CL91a, FKK+04, LC92, LW06b, PR12, SM0+18, SII90, Ts07, WT09].

RISC [HC91, LPU97, MSC96].

RISC-based [HC91].

RISE [AZW13].

Rising [ORR03].

Risk [FGL+11, PVRS17].

RMF [YT05].

RMI [CCK+08].

RNS [PH16].

Road [IB94, SWLZ17].

Roadway [XCLR07].

Robin [CMS04].

Robot [IH+17].

Robots [PMHM19].

Robust [BSS+13, KRS15, PVP18, SM+16, AKSM08, BBCQ13, BAT+19, GA90, LDS16, LZ+18, MSF+13, SSM+16, SNCP12, TZH+06].

Robustness [CKWT17, Par05, SSM08, TdR18].

Role [Cha95, Won99, BCD+15].

Role-Based [Won99].

Rollback [IF95, AAFV04].

Rollbacks [SS93].

Rooftline [KC17, NSKN17].

Root [EL91, LW+11].

Rosenberg [Ano00d].

Rosenfeld [Ano04r].

ROSS [CBP02].

Rotation [HC95, HBB93, Aa90, EL88].

Round [CMS04].

Route [CDCD05, LPX05a].

Router [DRSB01, PIB+01, MBR08, MYD+11, XYKA08, CCQ+06].

Routers [CP01, CP04b, ZCF+17].

Routine [IBP08].

Routing [ASH+01, AZ01, AaJS01, BLPV95, BPvW96, BP98, BA97, BA01a, BW95b, BDF01, BN03, CRV94, CL93, CW01, CS10, CL96, CC94, CLT96, CCR94, CS93c, CDF01, CG02, Do197, DG94, EL97, GG01, GHKS98, GO95, GT97, HCWS94, HJDK98, IM00, JR92, KLLK98, LS94, LTWY95, LTY96, Li92, LME95, LW95, LEB98, MS00, MS94, MW95, MR03, MJ94, NS99, NS95, OM90, PRW94, Par96, PA97, PA01, PL93, RS94, RS96b, RH05, RO92, RR95a, RW97, SJ95, SJ96, SB02, SZ92, TBPV00, WLY01, Wan96, WN94].
WLD00, YBOY97, PRP09, AA14, AA16, AD10, ABF⁺14, BSW07, BOY10, BR91b, BPA06, CI03, CL03a, CC14, CS06b, CS08, CHGC18, CDD05, CMM12, CAF⁺11, CL90, DMB⁺03, DJDK19, DJH11, DBW⁺18, EB09, GHY10, GLD⁺11, GAGPK03, GLD06, GTGLS12. 

route [HNSA07, Hu11, HL07, HJLR12, JL05, JLWX11, KSI04, KLP10, KSK15, KMF⁺05, KO90, KT91, KNS06, LPX05a, LS03, LTL12, LAGK07, LY13, LH05, LL015, MCdS⁺06, MPS16, MBR08, MVM04, MSAZ10a, MSAZ10b, NJ91, OS04, OSL05, OM10, RD05, RF⁺12, RB12, RHL08, SW12, Sch13, SLWW05, SWLZ17, SK05b, SJS11, TC04, TCHC12, TT07, VA03, WTB⁺08, WGS08, WW12, WCL⁺13, WHC⁺18, WWA⁺18, XHG03, XG03, YM06, YMLP14, Zah12, ZV06, ZMC06, ZW11, ALF03].

Routing [HNSA07, Hu11, HL07, HJLR12, JL05, JLWX11, KSI04, KLP10, KSK15, KMF⁺05, KO90, KT91, KNS06, LPX05a, LS03, LTL12, LAGK07, LY13, LH05, LL015, MCdS⁺06, MPS16, MBR08, MVM04, MSAZ10a, MSAZ10b, NJ91, OS04, OSL05, OM10, RD05, RF⁺12, RB12, RHL08, SW12, Sch13, SLWW05, SWLZ17, SK05b, SJS11, TC04, TCHC12, TT07, VA03, WTB⁺08, WGS08, WW12, WCL⁺13, WHC⁺18, WWA⁺18, XHG03, XG03, YM06, YMLP14, Zah12, ZV06, ZMC06, ZW11, ALF03].

Routing [WIKC97].
TCHC12, WJVO7, WCEA10, XCZL03, XJS03, YQTV12, SLG+18]. Scalar
[VH93, SKH15, Sol13]. scalar/vector [Sol13]. ScalaTrace [NRM+09]. Scale
[ABDS02, BMCP98, FZVT02, G93, HHM94, KL84, M98, MYM10, OK01,
RFM93, VN93, AFG+19, ACCP12, BM16, BMB+08, BCC+16, BM05,
CC16, CLO17, DB11, DBCF13, DLW+12, IEWK17, KESA07, KSSL16,
KBC+10, LGZ+10, LY08, LZY11, Luc18, LWC14, MBMC19, NAB+11,
PT06, RW02, SFT+13, VM03, WCWO17, WLN06, WBRT13, XHY07,
YZW+15, ZV09a, ZVL11]. Scale-free [MYM10]. Scaleable [BMRC98].
scaled [KNHH18]. scaler [VD18]. scales [PLK+18]. Scaling [CVK+18a,
SS07, TBVP00, YFS+15, FKLBO8, FZ14, MBR19, Num07, VD18, YÖ11].
Scale [ABDS02, BMCP98, FZVT02, G93, HHM94, KL84, M98, MYM10,
OK01, RFM93, VN93, AFG+19, ACCP12, BM16, BMB+08, BCC+16, BM05,
CC16, CLO17, DB11, DBCF13, DLW+12, IEWK17, KESA07, KSSL16,
KBC+10, LGZ+10, LY08, LZY11, Luc18, LWC14, MBMC19, NAB+11,
PT06, RW02, SFT+13, VM03, WCWO17, WLN06, WBRT13, XHY07,
YZW+15, ZV09a, ZVL11]. Scale-free [MYM10]. Scaleable [BMRC98].
scaled [KNHH18]. scaler [VD18]. scales [PLK+18]. Scaling [CVK+18a,
SS07, TBVP00, YFS+15, FKLBO8, FZ14, MBR19, Num07, VD18, YÖ11].
Scan [KB96b]. scanners [CCN06]. scatter [BM04b, LMR05, dSAJ15].
scatter-based [dSAJ15]. scattering [DB86, LPLFMC+12]. scatternet
[SLWW05]. SCC [LTG14]. SCDN [SLW10]. scenario [DBW+18]. scene
[OGRV+12]. schedule [KSG03]. Scheduled [LB90, HA06]. Scheduler
[NPP+02, HDJ08, HHA14, KS03, LS10, LB09, SCG10, ZLWZ18, MSK+16].
Scheduler-Activated [NPP+02]. schedules
[CDR12, Dja06, DQR+09, ZXY11]. Scheduling
[AGF94, ALL99, AMN00, AGG98, AS97, AYE98, AKPT99, AhHC90,
ATKT19, BPJG92, BD05, BPN90, Bec96, BD11, BCLR96, BSH15, CDY97,
CL91b, CLL09, CJ99a, DA97, DR95, DDD98, DP99, DS84, DAY02, DO06,
DJ98, ERL90, ERA95, FAGW95, FVLBO9, FR92, FR96a, FKS97, Gai90,
GR96, GY92, GM99, H904, JSC95, JSW92, JR95, JZF+15, KS97b,
KB96b, KA97, KA99, LPU97, LYC02, Lun94, MMR98, Mah95, MD13,
MSd+95, MSSE02, MYD95, Moh97, MSTS99, NSS99, OH02, PKN08, PR12,
PAM94, PS93, PM96, QM01, R999, RAN+17, SCMB90, Ser97, SH92a, dSR00,
Sta04, SD88b, SYG92, TSC01, TT95, VB02, VWH96, WCF94, WS97,
WA02, WUG99, Y96, YWD08, AL04, ALM+16, AAD10, AOSM04, AOSM05,
ALLM11, AH12, AM12b, BKS05, BLAG03, BHLT14, BFG04, BM06].
scheduling
[BKMT14, BH05, Ca06, CG11, CG12, CHLL18, CRJ10a, CRJ10b, CGW+03,
CRA+08, CMR10, CDR12, CJY04, DBA+18, DBC03, DKO8, DK11, DP16,
DUW86, DRR13, DJT03, EHL+15, FA07, FW05, FPF14, FCJG+18, GDP08,
GYAB11, GVBB13, GK15, GMVRG16, GFPC14, GP05, H904, HDJ08,
HV13, JLY12, JHF+17, JBS14, JTC+18, KHN17, KA03, KVA18, KY13,
KKK11a, KM17, KUA07, KVH97, KV10, Kim17, KNHH18, KK10, KSSK16,
KD08, KBC+10, KMP+06, KA05, LDZ+14, LDZ+17, LHK03, LWZ12,
L190a, Li06a, Li06b, LL07, LQM+12, LW16a, Li16, LN17, LBT19,
LM+10, LSC+15, LW+16, LPP05b, Lo92, MGSG12, MLGD12, Mar88,
MCAS12, MMK+11, MAHKZ12, MS86, MAR05, NSAS10, NHO+13, ND12,
OA10, OPR18, ORR03, PY09a, PK05a, PW17, PDB13, QJ05, QSL+08,
Q14+09, RBA+18, SSFP11, SP+17, SJB12, SOM14, SV08, SP13, SLG06].
scheduling
[SCJ+08, SWP90, SS18, STK11, SZL10, SR16, SHC14, TLL10,
TLV10, TLQS12, TDBL13, TG03, TXLL14, TDP15, Tsn07, UM17, VD04,
VMM10, VB08, VS16, WJD91, WA03, WL05, WL10, WBRT13, gWW18,
XQ07, XLL15, XLHT13, YWG15, ZV06, ZVL15, ZTFK16, ZY12, ZV09b, ZS13, ZQMM11, ZHLQ12, ZLMC14, dOCS14, FZWL12]. schema [TMK+17].

Schemas [Arb89, BG90a]. Scheme [BDF01, FY96, JB93, KK98a, LO96, MYD95, OS96a, Wu94, YD98, AOSM05, AK18, BBS13, CWLD05, CXQ+18, DBW+18, EL88, ESGQ+11, GPJ1A0, GMXA07, HC09, HOVC09, KHK18, KRL87, LT02, LHF91, LAK10, LH+16, LMJC11, LLDL15, NC09, RS08, SNCP12, SZ09, SKMM04, TDC05, TC13, TCHC12, WL04, WW12, WW04, XYDL06, XLHT13, YGZ+10, YJL16, YAA10, YC12, ZCMY12, ZSCX18, ZWWX16, ZBR11].

Schemes [yCM98, FM99b, GG01, LL95, LS01, SKK97, WRC+02, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDCM11, HSMB91, JWSG14, MM06, SHSH17, TW89].

Schmidt [ZLRP91]. science [APV18, BKK+11]. Scientific [CCRS92, DUSH94, FMW+94, GT02, HS94b, KBC+01, AOS+05, AE88, BCD+15, CXY14, EFG+14, NTC03, VM03, WHW+17, YYLC11, ZKZF18].

SCO [WTS03]. SCP [VB08]. SCP-based [VB08]. screening [AT03].

SCSI [HZY04]. SCSI-to-IP [HZY04]. SCTP [ZPI06]. sculpture [LMB+17]. SDEF [EC89].

SDFGs [BLMB13]. SDN [AK18]. SDN-based [AK18]. SDSM [CCM+06].

sea [ZWW17]. Seamless [HR00, ORWT+18]. Search [BOSW94, BS00, BMCP98, BSH15, CDRC99, Cza13, DM95, DM92, EHMN95, Fen90, LYC02, SIR92, AFG+19, AMM+18, BNP02, BP89, Can18, CTT16, CCLS94, CSW+17, ES12, GHY10, GJXZ05, KA05, LSS+11a, LSS+11b, MSM09, MB13, PRHB06, Par89, PSC+16, FFSV15, PVG06, RM10, RM11, ROB+18, RHL08, SP08, Sch13, SHLN09, SJG19, Tam18, WGC09, WWA+18, YF09, Zep91, ZCS+18, ZH07, CB11]. searchable [WCCH18]. Searching [NB98, NMS98, SH97, SGAC14, BA06, KIH15, LTWW12, Sch89a].

secondary [BLZ+18]. Section [Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, PRN+19, ZHT16, ZBR11, BK18, GTGLSA12, JZZ+17, KTP17, LAK10, LLW12, REK10a, REK10b, SSX14, Sic16, WCCH18, ZSCX18].

Securing [SL06]. Security [FCJG+18, SXZ06, BAK+03, DZC17, GSASA19, LZSL06, LCM+06, NZY+11, OM10, SFEF06, TODQ18, TKG+17, VA03, XQ07, ZVL15, ZAAB17, ZZJ+18].


Selected [Ben15]. Selecting [NGQM12, SSG93, KERUM04]. Selection [JK00, LK96, PT01, Raj96, RW97, RCY97, Raj01, SH97, SB02, VS99, WSA+94, WRC+02, Bad04, CKML12, DMF+19, EDÖ05, GM14b, KH17, LZY+18, LCJ+18, LGK+12, MHLZ16, RH05, RAB08, RD05, RTZ11, SSS88, WLST16, CTC11]. selection-based [EDÖ05]. selections [JW89]. selective [SSG18, XYG07]. selectivity [CTT16, GO016]. selectivity-driven
self-adapting [WRW13]. self-adaptive [LHX +16, PPTV +10].
Self-organization [CT04]. self-organizing [BFKP04, BZH06, KO11, MYM10]. self-reconfiguration [LBMG15, ZBW +17].
self-reproducible [PK05c]. Self-Routing [SZB92, BR91b, KO90, NJ91, SLWW05]. Self-scaling [FZ14].
Self-Scheduling [Bec96, CRA +08]. self-similarity [ASKTZ13].
Self-Simulation [BAGS95]. Self-Sorting [ABZ95]. Self-Stabilization [GH02, HPT02]. Self-Stabilizing
[Ano02u, AS96, BGJDL02, BBCD02, BAGS95, BPPR11, CDD +15, CW05, CT04, DB08, Dol97, DPBNT12, FZ14, GH02, GS03b, HPT07, HPT02, HNM02, KY02, LLC15, Lla17, MM07a, NM02, PK05c, SZB92, SEP96, ASKTZ13, BFG +03, BBS13, BBD18, BR91b, BFKP04, BZH06, CDD10, CAK13, CR +08, DL11, DJ16, GK10, IZ12, KO11, KO90, LBMG15, LHX +16, LSH +13, dAMFdS13, YM10, MC91, NJ91, PPTV +10, SLWW05, TWQS12, Tur12, WRW13, ZBW +17].
self-adapting [WRW13]. self-adaptive [LHX +16, PPTV +10].
Self-organization [CT04]. self-organizing [BFKP04, BZH06, KO11, MYM10]. Self-reconfiguration [LBMG15, ZBW +17].
self-reproducible [PK05c]. Self-Routing [SZB92, BR91b, KO90, NJ91, SLWW05]. Self-scaling [FZ14].
Self-Scheduling [Bec96, CRA +08]. self-similarity [ASKTZ13].
Self-Simulation [BAGS95]. Self-Sorting [ABZ95]. Self-Stabilization [GH02, HPT02]. Self-Stabilizing
[Ano02u, AS96, BGJDL02, BBCD02, Dol97, HNM02, KY02, NM02, BPBR11, CDD +15, CW05, DB08, DPBNT12, GS03b, JM14, MM07a, BFG +03, BBS13, BBD18, CDD10, CAK13, DL11, DJ16, GK10, Tur12]. Self-tuning [HPT07].
sellish [WGS08]. Semantic
[FKJG08, RHL08, SLG +18, CM93, EHL +15, KL +11, LR05, LKB +15, MLZY17, MYYY17, MA11, NSAS10, ZH07]. Semantics
[JK89, HK05, MTL +18b]. Semi [DS04b, XZS96, CTT16, KMS +06].
Semi-empirical [XZS96]. Semi-passive [DS04b]. semi-static [KMS +06].
semi-structured [CTT16]. Semiconductor [DM90a]. Semidirect
[WLD00]. semifast [GNS09]. sense [BC11, ZKZF18]. Sensed [DAUM99].
sensing [GDC18, HP06, ZRN +14]. Sensitive
[VR95, Ano04d, CP05, GS03a, GC07, Hu11, JL11, NLB +18, OWK14, PFJ04, RCG +11, SRT +18, WCXL11, YK04, ZZJ +18]. Sensitivity [HJ90a]. Sensor
[KS104, LDZ +14, LDP +14, STN92, THGY15, ASM09, Aum16, AHG12, Ana14, AMT13, AYB +15, BXA08, BWP +11, BOY10, BPA06, BEN12, BJL18, BZL10, CCW14, CKN07, CRWX12, CDR09a, CDR09b, CT04, DW06, DLL11, DGBN14, DJH11, DM10, DFP06b, DOH4, EM11, ECP +18, GXY10, GDO08, GCV +04, GYP13, GZK14b, GM14a, HZA +15, HM07, HS12, HP06, HZDP12, HHLR12, IB04, JF12, JILY12, JBS14, JHPL13, KKV10, KSL16, KOAA9, KO11, KO12, KKKP12, KKTZ13, KGN11, LDZ +17, LY10, LL12a, LL12b, Li14, LL +18, LU14, LLW07, LZC11, LDS16, LWW18, LHP07, MAGL13, MSM09, MYM10, MBMC19, MK08b, NSA11, NC09, OMSNSG05, PFJ04, PLY15, PCX +11, PCX +14, PLR07, PB09, RM10, RM11, REK10a, REK10b, RLP14, RB12, SC12, SS08, SZMK13, SCL10, SJS11, TBHA07, TLY12, TDC05, TCS +10, TWQS12, Udd19, VRM10, WW +07]. sensor
[WMW09, WL11, WL10, WWA +18, XCLR07, XQ04, XHZ +10, YpGyLC13, YDZ +18, ZW11, ZSCX18, ZTGL17, ZC04, dOBG +15, OEFY07].
sensor-actuator [KKKP12, SCN12]. sensor-based [Udd19].

Sensor-centric [KSI04]. sensor-cloud [LLB+18]. sensorial [VO89].
sensors [AKBD10, AD10, BFKP04, Cai06, CJDC10, DWX10, REZN17].
sensory [HRM17].
sentiment [XLW+18]. separable [MRT18]. separating [HSS10].

Sequence
[JP09, Zak01, AFM03, BMM08, BCF14, BW09, BFKW13, BMARW07,
DKKV15, FCS91, JV09, PTZ06, SPRG+12, SM10, SRT+18, TMM06].
Sequence-preserving [JP09]. sequencer [BCM06]. sequencer-based
[BCM06]. sequences [CHC05]. Sequences
[Swa98, TR96, BNBR16, CJ07, LV07, SK09, Sei05]. sequencing [CRL04].
Sequential [KF95b, LWC+18, Fen90, SBÇ+12, SLKK13, ZXB14].
sequentially [HK08]. Serial
[EMMM94, MT97b, BOI91, CR91, CL90, SD88a, SI91]. serial-data [SD88a].
Serializable [Sch91]. serializing [HHS12]. Series [CA95a, LLB+18].

Series-Parallel [CA95a]. Server
[ALL99, AYI97, CM92, GM99, HBCM99, JSCB95, RU99, HC09, JTZZ11,
OS04, PM05, TBZB05, WLWW09, WSLC11, WLZ+18, ZVL11, ZCS+18, ZI08].
server-side [ZVL11]. Servers
[FM99b, AAA+10, Bar05, BPRG04, CSWD03, DLW+12, KCD08, LY12,
LYW+16, MZZC12, PSSR05, Wan06, WDDK09, ZWL03]. Service
[BK18, CTT08, JRR99, LAZC00, RGVB00, ABF+14, BYT19, CCA18, DB08,
FZ14, HOE+09, JMI14, KMMZ06, KKKP12, LNA12, LC07, LB18, MHLZ16,
MXSL12, MCZ14, NP09, PY09b, RA11, SB12, SFEF06, SMB10, SSVC10,
TR16, TKR+19, WMY+17, WTY+18, WWY+18, WS06, Yan09, YHWY18a,
YHWY18b, ZI08]. service-aggregate [Yan09]. service-based
[YHWY18a, YHWY18b]. Service-oriented [CTT08, SFEF06, WWY+18].
Services [ZR00, AFG+19, AK06, AM07, KSSK16, LCC+05, LWZZ12,
LMXJ18, MCP+18, SCW+18, Suk18, XJS03, YWD08, YAK15]. session
[LAK10, MZZC12]. sessions [FSP18, TK07]. Set
[Als01, BCD95, DM92, HCR12, KF95a, KSA95, KHS96, RDL95, AFD+11,
AP16, BD05, BYG+18, CC87, DW06, Gro85, HES10, HJ07, HCDM11, JPD17,
Lon04, MHLZ16, Nic07, SZW05, WCWH03, WCKD06, YSS11, ASST05].

Set-Based [BCD95]. set-distributions [Nie07]. Sets
[AAP01, CGL+95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14,
Lon04, MP08, PK07, SW18, SHC14, YWW12, dOCS14]. setting [Li19].
Several [CP92, MCAS12]. shader [PYP+10]. SHadoop [GYY+14].
ShadowObjects [JRR99]. shallow [CvdBL+08, dAMCFN12]. shape
[KSA95, CMA+12]. share [KNNH18, PVGG06]. share-nothing [PVGG06].
Shared [AGW98, AGW01, AD95, BS96a, BJS03, CP01, DS95a, DH95,
GDN+98, HV95, HS00, HPT02, HTL99, HA92, JF95, JHF+17, KRC00,
KS97a, Kel00, KC94, KY96, LK98, LA93, LT94, Lu01, MF94, MS98, MG91,
MSST99, PY96, RL96, RJY96, SDS99, SC91b, TJ92, TTT95, TY95, WI92,
YW91, YMR93, YL98, Zak01, AL04, AAC10, BC06, CCA18, Car95,
CCM+06, CDAN14, DMI+19, DI91, EKNS17, FZC+05, IRRS16, KKR14,
KLP10, KMS10, LZl+11, LHT08, NSTN91, OC07, Pad91, PY09b, PK05b, RFPA08, SB15, SAJ13, SS17, SM04, TGPUC16, TK07, WL92, ZLWL12.

**shared-coin** [AAC10]. **Shared-Memory** [BS96a, CP91, DS95a, HA92, KS97a, KMS10, LZI, LHT08, NSTN91, OC07, Pad91, PY09b, PK05b, RFPA08].

**Shared-Nothing** [LT94]. **Shared-Nothing** [BS96a, CP91, DS95a, HA92, KS97a, KMS10, NSTN91, PK05b, RFPAG08].

**shared-coin** [AAC10]. **Shared-Memory** [BS96a, CP91, DS95a, HA92, KS97a, KMS10, LZI, LHT08, NSTN91, OC07, Pad91, PY09b, PK05b, RFPA08].

**Shared-Memory** [BS96a, CP91, DS95a, HA92, KS97a, KMS10, LZI, LHT08, NSTN91, OC07, Pad91, PY09b, PK05b, RFPAG08].

**Shared-Nothing** [LT94]. **Shared-Nothing** [BS96a, CP91, DS95a, HA92, KS97a, KMS10, LZI, LHT08, NSTN91, PK05b, RFPAG08].
Raj08, Sch90, SL118, SXZ06, SH92a, SB97, Sto90, SFC17, TH11, TFV+15, BG90b, TY95, Wee01, XMMD17, XJS03, YW91, ZO97, dVCP06, Cuz11, Gra10a, KL08a, LH11, MNK14, PRS14, WW03. Specialized [QOvdG01].

[AMB95, DR95, ALS91]. **Statements** [KHS96, SOG94]. **States** [Kop97, TG97, FZ90]. **Static**

[AKSM08, BPN90, BSb+01, BSMH08, CC91, ERA95, GF89, KKK+11b, LC90a, LK94, LA04, MSd+95, OD95b, SSM+06, YMLP14, BSS+13, DK08, KA08, KMS+06, McD89, PC11, SSMS08, SWP90, SSM+07, ZXY11].

**Statically** [LB90, Mat06].

**Station** [GPT06a, RBD08].

**Stations** [DKMV01, DDNS06].

**Statistical** [CMPS18].

**Statistics** [GA90].

**statuses** [MB19].

**steady** [LMR05].

**steady-state** [LMR05].

**Stealing** [Ano00d, LS97, Ros99, DKKV15].

**Stein** [QOvdG01].

**Steiner** [LY10, Sta17].

**Step** [CW00, Bog17, KKR14, Yan04].

**steroids** [Bar05].

**sticker** [GPX08].

**Sticky** [Kop97].

**STICS** [HZY04].

**Stigmergic** [PR06].

**STLA** [NKV14].

**STM** [HHS12, PGRP17].

**Stochastic** [CTD99, FX06, HPT+97, JSS92, QZ94, RS92d, SSM+16, SSMS08, ZS13, BM11, CMT92, MM06, MS86, MBO11, WW18b, WMG13].

**Stochastic-based** [SSM+16].

**stop** [BCC+18, LLT12].

**Stopping** [BS99, AMT13].

**Storage**

[CLV95, HLL+95, LL95, BL05, BCK+09, CGG+09, FLCB10, HZY04, HK04, HZHS18, JWH+17, KR12, Luc18, MB19, MAPF14, MPG17a, SSX14, SWW+17, WCWO17, WWW17b, XCLR07, XSY18, YLYC11, ZV09a, ZYW+15, ZFT+18, ZLY+19, ZGG+14, ZWWX16].

**Store** [CP90, NS95, VA07].

**Store-and-Forward** [NS95].

**stores** [ZWQ+16].

**Storm** [KKH17].

**straight** [GC07, Wri91].

**Strategic** [RA11].

**Strategies** [AM07, BDjQ86, BHK+94, BCR96, CP92, CGA98, DL01, FF98, GJG88, GM99, LK98, LH95, Lun94, MS99a, OP98, SMH94, VB02, VA03, YB95, YL98, Zhu92, ZM94b, BMARW07, BHS13, CGM14, DM94, GRV08, GM14b, HV13, MV05, PP06, RAB08, ROB+18, SSG13, Wu11, dCP19].

**Strategy** [CS00, GMM00, HHC98, KBC+01, MD13, PAM94, RS92b, ASD15, BBM08, CTT16, DLW+12, EM11, GOH+13, GRDB05, GMVRGS16, GLD06, Hsi04, JF12, KVA18, KS18, LY91, LL07, LVP07, Ng06, PLSM18, SK09, SRT+18, TLL10, TW15, WCC02, WYW15, ZV06, ZVL11, ZV14, ZVL15, ZLCZ18].

**Stream** [HPT+97, WQZ+13, AAK+13, ARM+05, AM11, CK08, DFLO17, EJ07, GÖÖ16, KKH17, MTL+18b, RCG18, RAN+17, SS18, ZHH15].

**stream-based** [ARM+05].

**Streaming** [PS14, BOKS19, CGKY12, GRR13, GHC+17, HK05, JHL+18, LCCL10, WCXL11, XYD10].

**Streams** [MM93, WUG99, AGWY11, BMLLC+19, LVP07, LY08, ST14, VLG+18].

**StreamTMC** [WQZ+13].

**Stretch** [GG01, SBC12b].

**stride** [AM13].

**String** [BL94, RS90b, CKK+13, Kri91, MM07b].

**strings** [SCS+08].

**Striping** [CT03].

**Strongly** [SZB92, MHRP05].

**Structural**

[AGG98, SM92b, RBOH+18].

**Structure**

[DL09, FMP98, MB95, PL98, Tze93, AFK14, BB85a, CZ90, FGZ03, GV86, GB11, HK05, JdSJC+15, Lis90, LLFJ18, MJ03, MSZ05, NZA13, Par89, Tam18, XLHT13, YL12, YC04, ZLY+19].

**structure-aware** [HK05].

**structure-based** [XLHT13].

**Structured** [BE95, FBK98, KB01, Lun94, MRRV98, MM98, WM92, CWLD05, CGKY12, CTT16, DAB+14, FJG06.
Switch [GGN93, DMCFCM03, GM14a, KMP+06, CMR10]. Switch-based [CRD12, LHKL03, WLWW09]. Switchable [SB84]. Switched [CCR94, CS93c, GGN93, LK96, WB01, EB09, KYL05, LWCG14, Nap00, PYF08].

Switches [KJ84, PL93, TF92, MG09, PY09a, PY09b, VAS+13]. Switching [DRSB01, GB93, Guo94, LYL93, OY00, ST02, BKCM17, BMIM07, CC14, KG10, LCCL10, LWLD12, PL06, ST06, STKW12, ZPK+14]. Sybil [YXX13].

Symbol [OWK14]. Symbol-level [OWK14]. Symbolic [YI96, CJY04, WD18]. Symmetric [BJ99, DHB02, DZDZ01, HOE+99, HT90, MJ03]. Symmetrical [IM94, QY94]. Symmetry [Kel00, HT90, MJ03]. Symposium [OY13, Wee01, Ros07, Sni03]. SYN [XCH08]. Synapse [Ram92]. Synchronization [ASB97, AGW98, ABP92, AH94, BA96, Cha95, CTC+10, FR92, GVA+08, JLR97, MRRV98, OKB95, PB95, RL96, RSS99, The02, WUG99, XMN92, CRA+08, FZC+05, HMBW07, HA06, HLS12, HZDP12, LA06, PB09, TG04, Tau16].

Synchronized [LNA12, JS86, XLL15]. Synchronizing [DKMV01]. Synchronously [SP90]. Synchrony [CB15]. Synthesis [HLJ01, Lis90, PP92, BYG+18, CKK+13, HDT+05, KKB+06, TdAR18, WD18]. Synthesize [HLJ98, DSEP17]. synthesized [MC17]. SYNTHESIZED [Ram92]. Synthesizing [SL89, Che86]. Synthetic [Pop91, AAK+13]. Sysplex [KKC+97]. System [BK95, BB+91, BA01a, Bev02, BMM97, BJK+96, CP92, CP99, DHR96, DSD+97, DH95, DT92, FKB17, FPD93, GH90, HBCM99, HCS+00, HLL95, HMLR14, Kav93, KMB91, LP96b, Lu01, MVL00, MKY+97, MBL+92, MO97, MS96, NKC+97, NSPC02, SEP96, SG96, Tse95, UR94, wXH00, ZMP00, ZLH+18, dr09, ABC+88, AMK+07, BL05, BCK+09, BGA12, BM05, BP05, BSS+13, BYH+17, BJ18, CBP02, Car95, CLMR15, CSW08, CCEB03, CDJ+89, CK91, DS04a, Di91, DTK11a, DLW+12, DB86, DMS+16, EC89, Fer90, GTGLSA12, GSASA19, HJ90a, HM06, HLBM16, HLW18, HMY+18, HHA14, Hus17, JW89, KHN17, KCD08, KSB11, KMF+05, KS13, KC04, LMSK18, LFH+03, LC91b, LLWC17, LY13, LHZ+18, LAC18, MM07a, MK08a, MC03, NAK04, NTC03, No12, OYE07, PKN08, PKN10, PLD14, PK05b, RV13, RBA+18, RAN+17, SPRG+12]. System [SSM+16, SFT+13, SC04, SK91, SXX14, SSL04, SLG+18, SM86, SV18, TKR+19, Udd19, VDO4, Wan06, WHW+17, WS06, WZQ+13, WYTX13, gWW18, YCH+10, YXW+18, YLB90, ZV09a, ZMC06, ZHH15, ZFT+18, ZKZF18, ZW13, ZJ06, dAAD+19, AGWY11, HCAA93, Sie16, Sk16].

System-Level [Kav93]. System-on-chip [DMS+16, LY13]. Systematic [IAS+92, KK95, LB89, WAS88, ZTGL17]. Systems [ASH+01, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02a, ADS98, Bah00, BBM+02, BBR94, BPR99, BW95b, Bont02, BN02, BSB+01, BS96b, ZKZF18, ZW13, ZJ06, dAAD+19, AGWY11, HCAA93, Sie16, Sk16].
BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Cho93, CBdCD00, DDO$^{+}$18, DSST95, DA97, DS96, DSW94, DAYA02, DG94, EMP$^{+}$96, FGKT97, FTC00, GCKM97, GM99, GRR93, GK93, GMM00, HKT$^{+}$91, HNM02, HLY95, HTL99, HM99, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JRR99, KS97a, KBC$^{+}$01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMRS98, MAS$^{+}$99, MT95, MMVR97, MM93, MRR$^{+}$02, MC93, Mir91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, PP92, QY94, QB$^{+}$17, RJ91, RDS02, RAS96, SM94, Sch91, Ser97, SL95, SRGB90, SSRV94, Sun02, SFC17, THN93, TH02, TY95, Wll92, WF93.

Systems [WF96, WUG99, XH91, YH97, ZR00, Zia92, ZM94b, van96, AL04, ALM$^{+}$16, AA16, AAK$^{+}$13, AOSM04, AOSM05, AD12, AFM09, ACCP12, AA15, ABBD14, AH06, BMB$^{+}$08, BBCQ13, BB03, BDGR13, BOKS19, BW09, BRP03, BJS03, BK08, BS92, BKMT14, BD04, BPW05, CWLD05, CNLGL18, CRK$^{+}$09, CF88, Cas90, CCS06, CKWT17, CTC11, CV109, CRJ10b, CASD18, CGW$^{+}$03, CI86, CP17, CAF$^{+}$11, COF$^{+}$17, CSW$^{+}$17, DZC17, DK08, DFP06a, DB11, DR19, DDNT10, DGFGK05, DGDF10, DM04, DWYB10, DM90c, DQR$^{+}$09, DÖ06, DLBL$^{+}$12, DW04, DH91b, FJC04, FWMT$^{+}$10, FPS11, FLBC10, FX10, GMMP12, GZG$^{+}$17, GL89, GNT04, GMVRS16, Gos90, GS91b, GWWL94, GC05, GRR13, GBMZ07, GF89, HRC09, HU05, HOE$^{+}$09, HBC15, HCZ04, HS86, HA06, HP06, HA91, HA05, HK15, IRRS16, IS06, JSWB92].

systems [JMS86, JKIE13, JST12, JLM08, JL11, JZZ$^{+}$17, JW$^{+}$17, Kak15, KKR14, KHW13, KVA18, KME89, KVN17, KUA07, KyLPC17, KSG13, KAS07, KL05, KMS10, Kub17, KMS$^{+}$06, La86, LLLC15, LW$^{+}$18, LFS16, LTB02, LTL06, LGZ$^{+}$10, Lan09, LZ11, LLL06, Lee90, LHF91, LH03, LJK05, LAK10, LZY09, LAS15, LZ05, LC90a, Li06b, LVP07, LQM$^{+}$12, LNAL17, LLLC19, LW89, LPLFM12, Lop13, Lop18, LS19, LCM$^{+}$06, Luc18, LLS07, LM09, LZX13, LLL12, MGMSG12, MB13, MP10, MMK$^{+}$11, MAHKZ12, MAKWZ13, MS86, MTS90, MFVP08, MKL12, MSK$^{+}$16, MBH$^{+}$08, MGRRK14, MRT18, NLB$^{+}$18, NFHL13, ND12, NZY$^{+}$11, OS04, OPR18, PM05, PM06, PLSM18, PRHB06, PC11, PSB$^{+}$19, PH16, PTA08, PF91, PMdO11, QGZP17, RLA$^{+}$16, RLA$^{+}$17, RHL03, RÖE$^{+}$18, RN04, SSFP11, SW12, SDTD04, SP08, SPH13, SFT$^{+}$13, SYU07, SS08, SCB09, SU87].

systems [She09, SCS$^{+}$08, SCMS12, SXZ06, SHLN09, SY04, SHL$^{+}$13, SCJ$^{+}$08, SS18, Sie16, SLKK13, SI13, ST05, TLL10, TLL16, TFS15, TW89, Ter16, TRSS06, TB90, TCH12, UAKI06, VMMB10, VS16, WCWO17, WXZ05, WTC08a, WTC08b, WDDK09, WLST16, WZZ$^{+}$17, WWW17b, WRY$^{+}$18, WS09, Wu11, WSLC11, XHY07, XQ07, XLL15, XLHT13, Yan04, YLL17, YWHY18b, YWWY18b, YL89, YQTV12, YZW$^{+}$16, YLYC11, YYC11, ZAB18, ZGJ$^{+}$18, ZZ90, ZAAB17, ZJJ$^{+}$18, ZFS07, ZYW$^{+}$15, ZTFK16, ZV09b, ZQMM11, ZBW$^{+}$17, Zim90, dC91, dAMCFN12, FPS12, ORWT$^{+}$18].

Systems-on-Chip [ORWT$^{+}$18].

Systolic [AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86,
MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH89, LB89, Lis90, MP88, PYP+10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90.

T [CRJ10a, PTK+13], T-L [CRJ10a], Table [HZL18, LACJ18]. Tables [TT10, ASD09, HKW05]. Tag [GHH92]. Tagging [GHH92]. Taint [WXZ+18]. Taming [YDZ+18]. Tagging [GHH92]. Tailing [YDZ+18]. Taint [WXZ+18]. Taking [CL03b]. Talent [JL11]. Tall [BDG+15]. Tall-Skinny [BDG+15]. TAM [CGSV93]. Target [ERL90, CJDC10, KO11, NDP13, WW07, YCC05]. target-driven [YCC05]. Targeted [BKK+11]. Targets [BFKP04, CRWX12]. Task [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FZWL12, FKKC97, FY97, HBCM99, HKT+91, JTZZ11, KLZ97, KA97, KA99, LL08, MMVR97, NMS93, PS93, RDS02, Sin87, AOSM05, BFMT+18, BHLT14, BH05, BSMH08, CCK11, CDJ+89, DR13, GK15, HMR15, HWLR14, IKS87, KUA07, KSS+07, KMS+06, LMGLGLG17, LHI03, Li06a, Li06b, LQMI+12, LB09, LLS07, PK05a, PDB13, RR05, SMM+16, SBQ12b, SNC12, SSR+07, XLL15, ZV09b, ZHQL12, dSS11]. Taxonomy [HEH+14, HM96, Sin93, HBC15]. TCP [BM11, VLL+14]. TDFL [SBK90]. TDM [LLJ00b]. Teaching [CTS17, Eij18, LB18, PBB+17, PGKV18, AdA17, FKR+17, GAC+17, HSS17, Kum17]. teamwork [NKS17]. TEASE [ZB11]. Technical [Ao93a]. Technique [BN94, CLV95, DAYA02, Fer95, KGB92, PM96, ZLPP01, ASKTZ13, CX05, CRD12, DeG88, EE05, KK11, Nes10, Nic88, PVGG06, RBB17, WFC14].

Techniques [ADM+94, CS95b, Dhh99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS99, ARP18, AOSM04, BBR13, CDB04, CDR09a, CD95, DJDK19, FM85, Gao89, GRR+05, KA08, LPK+10, LP88, MBW16, Pla08, RM11, Raj08, RG87, SFEF06, TZ07]. technologies [SJVRVVS19]. Technology [Ao02v, ER97, GC95, MKY+97, MRR+02, OB88, PBB+17, PGKV18, TMM06]. TEES [ZWWX16].

Telegraphos [KMKD97], Telemedicine [CY99], Telescience [PLL+03]. Telescoping [KBC+01]. Temperature [SWHB17, ZWWX16]. temperature-constrained [ZWWX16]. template [EFG+14, RS90a]. Templates [ADS98, DP00]. Temporal [GSG+93, Lo92, RJA97, SHL+13, VWHL96, BKS91, CRWX12, WFC14, XYZ14, YDTZ18, DFLO17].
temporary [Wan06]. Ten [TAS+01, KA08]. tenant [PVRS17, YHWY18a].
tensor [IEWK17, LGK+12, SMH+14]. Terabit [SH98]. term
[BV13, LKM12, MBS+12]. Terminal [HHC98, Li17]. terminals [HB11].
Terminating [Lin93c, MS15]. Termination [ASR93, CW93, HTB98,
KHK03, Lai86, Ric98, Tse95, BFTV87, CV90, Eri88, MD07, MFVP08].
ternary [GNW03, KRM14]. Test [GRS97, PKK91, Soh96, WW97, ALLM11,
DWHL87, LGT14, NCA+12, dMS18, ALLM11]. test-and-treatment
[DWHL87]. testbed [HGFF10, LBE03]. testbeds [VPHML06]. Testing
[CY95, GFB+92, GS99, KW02, WG93]. tests [Psa96].
tetrahedral [CZZ+17, LWCC15]. text [BV13, PAG+18, SWW+17, WD13].
Their [Kop97, BM08, CRWX12, SI86, TDM05]. Themes [RCY97].
Theorem [SHSH17]. Theoretic [AaJS01, KK10, MGRRK14, PC11]. Theoretical
[HC97, LCC11, CTK11].

Thermal [SHSH17, LFS16, OJP+18, SNMB16]. thermal-aware [LFS16].
thermally [TKKH17]. theta [LL18, STMZ18]. theta-join [LL18]. thin
[ST08a]. things [AMU+19, TKR+19, CMPS18, DAPR18, ECP+18, HMY+18,
NLB+18, WHC+18, WCH18, YYW+18]. thinking [CCE+17]. Thinning
[KL10]. Thread [KCSS18, OTKT12, CGM14, CDAN14, DWYB10, LK13,
RSCQ17, SLG06, ST05]. thread-parallelism [RSCQ17]. Threaded
[NS97, BBH+17, Kop03, LK15, PYP+10, CGSV93]. threading [Ngo06].

Threads [GSC96, LFA96, SEP96, TG99, DKRI09, PMdO11, PL03b]. threat
[HMY+18]. threats [CWCW18, MMN+18, SF6E06, TKG+17]. Three
[FCG04, FLS+97, FT94, GG01, GH96, KR98, NEG85, PD92, SSOB02,
YM93, ANEA13, LW06b, LDS16, YJL16, ZFS07]. three-body [YJL16].

Three-Dimensional [FLS+97, KR98, NEG85, FCG04, ANEA13, LDS16].
Three-Stage [FT94]. three-state [LW06b]. Threshold
[BFMT+18, CGA98, NKV14, PAM94, LWXX19, Nik04]. Threshold-Based
[CGA98]. throttle [XCH08]. Through-Wafer [MLW+97]. Throughput
[FM99b, HWC08, HB11, JSS92, MMVL11, BSW07, BLMB13, CLA+18,
DW12, GRR13, HVW16, HWLR14, KSB11, LMSK18, LMR05, LHX+16,
LNC13, SA11]. Throughput-coverage [HWC08]. Throwing [Tse95].
tickets [LMJC11]. tier [MZZC12, MCZ14, WQL14]. Tight
[Bbh+98, FSZ07, Mat06, Ch06a]. tile [LCJ+18]. tiled [JHF+17, WQZ+13].

Tiler [PCMM+17]. Tiling [AR97, CWW96, RS92a, Xue97, KSG03]. Time
[AA95, AK93, An14, An92, ADS01, BPJG92, BBM+02, BA96, BM04a,
BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Cha94,
CO+95, DP98, DS01, DJ98, DD95, EL97, EMP+96, Fah96, FBK98, FY97,
GS99, GMM00, HRG+11, HA92, JR95, JH92a, KF95b, KS97b, KEA95,
LTWW95, LTY96, LPU97, LVR90, LM96, LAS+97, LFA96, MMRS98, MT95,
MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, Nas94, NHR86, NH93,
NP99, OY90, OOW95, OS96b, OSZ98, PW96, PLY15, P90, Pel95, PS93,
PM96, PM92, QMCL94, RDS02, RU99, RAS96, Ric98, SCMB90, STN92,
Sun02, THBF97, TVS97, WBTM09, WA02, WS97a, WLID02, ZLPP01, Zim96,
topography-aware [SK05a]. Topological [DC94, Par05, YN92, PL06]. Topologies [ZY96, YM01, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, AP91b, AHA+16, DB08, GL12, GL90, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13]. TOPSYS [BB93]. Tori [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YM01, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. TPC [DZDZ01]. TPC-C [DZDZ01]. Traffic [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, BJ18, CRD12, FL86, FMM+08, LK90, LHM14, MPG17a, OOSGVG+16, SAOKM03, SKMM04, WG08, YBM13, Zah12]. traffic-aware [LHM14]. trails [PR12]. Training [LWOG02, SMKL93, ZLS17]. transaction [SI13, YWD08, Yun09]. Transactional [MP15, CGKY12, PCMM+17, SDSL0, YZW+15]. Trading [MPG17a, ZLL14]. traditional [BBCLL04]. Traffic [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, BJ18, CRD12, FL86, FMM+08, LK90, LHM14, MPG17a, OOSGVG+16, SAOKM03, SKMM04, WG08, YBM13, Zah12]. traffic-aware [LHM14]. traditional [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, BJ18, CRD12, FL86, FMM+08, LK90, LHM14, MPG17a, OOSGVG+16, SAOKM03, SKMM04, WG08, YBM13, Zah12]. traffic-aware [LHM14]. trails [PR12]. Training [LWOG02, SMKL93, ZLS17]. transmission [SI13, YWD08, Yun09]. Transferrable [CSS11]. Transferring [SZR+18]. Transfers [NSSS99, GLGLBG12, LMGLGLG17, SCMH13]. Transform [BA95, CP91, DS01, Fer93, GZ07, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LCCL19]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [WBH93, OK02, AM17, JV09, Kan05]. Transformer [DKMV01]. Transfer [Lu01, APK18, CK06, JKV15, LGG08, WH17]. Translating [FPP06]. Translators [YLB90]. transmissible [CWCW18, YHWW18b]. Transmission [DP99, JK00, BDRB14, CHCG18, CPA+11, DJDK19, HOVC09, OS04, OMSGN05, WHC+18, YA11]. transmitting [BR91a]. Transparent [LMY+11, GVA+08, GRZ+18, LLY15]. Transparencies [AFT+00, KLY+11]. Transport [GRS97, MSY00, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, BG16, SAOKM03]. Transposing [Swa98]. Transposition [Ed91]. transputer [LC92]. TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. Traveling [WMG13]. traversal [BBS13, CMN12, YFYB17]. Traversals
**TreadMarks** [LDCZ97]. treasure [MP15].

treatment [DWHL87]. Tree

AAP01, AS96, BBR94, BM97, BCLR96, BE95, BF01, BS00, COS+95, DR19, DVZ96, FA95, Goe94, GS01b, HR92a, KC99b, LPS+98, OD95a, OOW95, PL94, SLP+98, Sk96. Tze91, Wag94, ASC+18, AB13, BFG+03, BM14, BC05, BE13, BPBR11, BBD18, BBL04, CG12, CRD17, DJ16, EB09, FMM+08, FJSW90, GA90, HSS10, HMR15, HSW04, tH90, IKS87, KG10, KSK15, LY10, Li10, Mit07, OC07, PV07, Sch89a, SAF05, SV18, SK05b, SJC19, TG03, TR16, WW12, Wu85, Zah12, LZSL06, BBCQ13, GB11, SJG19.

tree-connected [HSW04]. Tree-Dags [BCLR96]. Tree-Related [OD95a].

tree-structured [GA90, IKS87]. Trees [AP94, AS94, ADS98, BBN93, BP02, CS95a, DM95, DP00, DLS00, DJM94, DLP99, DS93, Fc96, HKMU98, HM01, HS94a, HHC98, Iql92, LP96a, MD98, PM92, ST02, SHL95, T79, Wag93, WW96, WB01, WFL98, oP90, BP02, BL99, BMIM07, Ci03, CS06a, CFJW13, CDR99a, DGNW13, Ef91, ESGQ+11, ESGQ+14, GHY10, GZ08, GNW03, HPT07, HAC17, JLY12, KKN13, LVP08, LMZ04, Lm03, LHT08, LFZ+17, MKW18, OMSGNSG05, PD05, PPC04, RDA18, SKK91, TDM05, Wag89, WL90, WC91, WFZJ12, WIB12, YZLT09, YML14, Zep91].

Trellis [LZ9+06, SGdSS13]. Trends [ACB+15, ER97, KKKG14, BHS13].

Triangular [IK94, CASD18, dMS18]. Triangularization [Par92]. Triangulation [DFRCU99, LS95].

Tridiagonal [CTZ99, Kau94, CK91, EM89, Gao86, MRT8, PP13, SP13, Ter16].

Tridiagonalization [BB85b, BW08]. trigger [FMR05].

trigger-broadcasting [FMR05]. trimming [CS+18]. triumph [Sch14].

Trojan [BK18]. true [CP04b]. trust

[GTGLS92, LZY11, LMXJ18, LAGK07, MLMSMG12]. trusted [SFEF06].

TrustGuard [SL06]. trustworthy [MHL16]. Truthful [WGS08].


Tunability [CKK00]. tuned [PSB+19]. Tuning [CSML10, SB02, TdAR18, ABGV11, APK18, HPT07, KKR14, MYD+11, MML07, uRIL+18]. Tunnel [ZBR11].

Tunnel-based [ZBR11]. Tuple [STKW12, DRT07, LdPLC+19].

Turbulence [LLCC02, PLK+18]. TDWM [LL006b]. twig [LSZZ15].

Twisted [HTHH02, AP91b, FLJ07, LFZ+17, WFZJ12, XHZZ16].

Two [AaJS01, BNS00, BBH+17, BP01, Ch94, CMR19, CCC92, CEF+95, DD96, DKU15, Gs90, GT97, Hwa97, KLZ97, KL94, LHS97, LP96b, LK94, LLCC02, NAK04, Qia97, RFPAG08, RP95, SSM89, SSOC00, YCY+00, AB05, ARM+05, CF88, CS96, CB11, Deh90, FS17, HDJ08, Hs04, JD12, LC91b, MP10, PMV06, SNCP12, SS94b, WLL16, YYWZ19, dIAMCFN12]. Two-dimensional [Hwa97].

Two-Dimensional [LP96b, YCY+00, CMR19, NAK04, AB05, Deh90, LC91b].

two-fixed-endpoint [Hs04]. two-layer [YYWZ19, dIAMCFN12].

Two-Level [KL84, Qia97, RP95, SSHC00, BBH+17]. two-list [WLL16].

Two-pass [DD96]. two-phase [SNCP12]. two-stage [HDJ08].
Two-Variable [CCC92]. Two-Way [LK94, LLCC02]. Type
[HO94, SC91b, BFH09, GA18, GNZ18, QGL+09, MV94, MVV91]. types
[ASB18, RJKL11]. TYPHOON [HKW05].

UC [BCD95]. UCT [AKPT99]. UDP [ZBF05]. UET [AKPT99].
UET-UCT [AKPT99]. ultra [BM16, FABG+19, RW02]. ultra-large-scale [RW02].
ultra-low [FABG+19]. ultra-scale [BM16]. ultrametric [YZLT09].
ultrasound [BDRB14]. unauthentic [MLMSMG12]. unbalancing
[MMG03]. unbiased [BW18]. unbounded [SP90]. Uncertainty
[ADS01, ZC04]. Uncertainty-aware [ZC04]. unchoking [ARD14].
uncoordinated [LDZ+14]. undergraduate [AJG18, GAC+17, Kum17].
understand [BCFF05]. Understanding
[BDF92, DBKF90, ECLV12, NEG85, XS11, CDJ+89, RØE+18, WRHR91].
underwater [LWW18, ZWW17]. undirected [STA12]. uneven [SMT15].
Unfair [KY02]. unicast [SKMM04]. Unidirectional
[KY02, KUFM02, RMC97]. unification [RM90]. Unified [AGG98, BL90,
CP10a, DM95, JBL02, Amm16, ABO+17, IH16, KH89, XRB12]. Uniform
[AS94, BGJDL02, DR95, GM95, KY02, SMO+18, SR88b, TT98, TC96, VN93,
Xue97, ZM94b, BBFN14, CLL09, KSG13, LW06b, Mar88, MM07c].
uniformity [BBB11]. Uniformization [DHK04, NH93]. Unifying
[NSDZ18, RCY97]. Union [KF95a, ST14]. unique [WCWH03]. unison
[DPBN12]. Unit [AGW98, ASC+18, BHS13, JPD17, KNS91, KM88,
QSL+08, SIY14, SAJ13, XL11, ZMCP11]. Units
[AM97a, AGG98, DDGK13, YJL16, ATDH13, BK13, CLA+18, DP16, KL08b,
SCB08, Eme13, GLGLBG12, YL12]. Universal
[BBS13, LWXX19, ACH18, CS06b]. universal [SH98]. unversioned
UNPACK [BR96]. unrelated [CG11]. Unreliable
[KB96a, AM06, DG+17, KRS15]. Unstructured
[OB98, WCE97, ACFK07, FZ14, LL11, IWCC15, MSZ05, YF09].
Unsupervised [BST01, DSAU99]. untraceability [CL09]. unwinding
[Nic88]. updatable [MLZ17]. Update
[GS96, LSH96, BM11, KHK18, LL19, RTCG91]. updates [YZG18].
Updating [JS94, SDB99, AEF11, JBA15, KAP90]. upon [AFM09]. Upper
[LXLS12, NDP13, GC07]. uranium [YDZ+18]. URL [XRB12]. Usage
[BS96a, IH16, KBC19]. Use
[BW96, BST01, Kar92, NVK11, SV00, ACHY18, MSZ05, NAK04, SSM08].
Used [LL95]. Useful [Ba90, GSG+93, FM85]. Useless [Yen01]. User
[GRS97, KOW97, RKK06, WCXL11, CFI+18, LC11, LBT19, MAJJ05,
NGQM12]. User-Level [KOW97, MAJJ05]. User-Space [GRS97]. Users
[BST01, ZR00, RØE+18, SY04]. Using
[Ay39, BA97, BCLR96, BLG01, BMLLC+19, CCRS92, CP92, CASD18,
CB02, D95a, DHB02, DMSH09, DWX10, FR96a, FZVT02, FA95, HPT+97,
HK01, HS97, HC97, Hwa97, KJ84, KA97, Lat98, LMCF90, LPZ99, LFA96, LI98, MD98, MP96, MS86, Moh96, MFS93, NH93, NS92, NPY+97, OS93, PH91, Par92, Par96, PKD97, SSG93, SM92a, SEP96, SP96, SM00, SD00, SL97, SIR92, SWC+91, SKH96, Swa98, TSC01, TR96, WPMK94, WW96, WSM97, WB01, WRC+02, WS97a, WCYR08, XLW+18, XH91, YMG01, ZMPE00, dOCS14, ASKO16, Ale19, AFM03, AZC13, ASST05, AD12, Ara90, AK06, Bar05, BD05, BVM05, BCMV15, BHLT14, BS92, BSH15, CL14, COV13, CSWD03, CJDC10, CF88, CK08, CvdBL+08, CKN07, CBM+08, CDB04, CH06b, CRWX12, CMT92, CL85, DDG+17, DJDK19, DPRW85]. using [DKRI09, DJT03, DH91b, DWHL87, EE05, E ˙I07, ES12, FTK14, FM07, FCS91, GZ08, GRDB05, GCS06, HDCM11, HSH10, HWL18, HMY+18, HC91, JTZZ11, JP09, JGMY17, JZK04, KL08b, KRKS11, Kan05, KDO+13, KKH17, KM17, KS18, KSJC17, KR12, KME09, KC17, KR06, KKB+06, KA05, LK15, LT10, LR03a, LST+13, LSWC14, LWW18, LA04, MHLZ16, MM06, MS02, MZC18, MRS+14, Men18, MK08b, MO3, MRT18, NMS+18, NCTT09, OPP18, Ozt11, PKN08, PKN10, PP13, PBS08, PFG09, Pla08, RBN11, RB12, SMO14, SBC12a, SSM89, SHK19, SSS07, SCB09, SA19, ST12, SCG14, SCJ+08, SIY14, SDG17, SA08, SK05a, SFEF06, SM08b, SKK13, SL06, SJG19, SMT15, Tam18, TP18, TRS+12, TPLY18, TDP15, TM06, TXK+13, UAPM07, VLG+18, WCF14, WZZ+17, WD+18, Wua03, WBR13]. using [XCS06, XLHT13, ZV06, ZV09a, ZS13, ZBW+17, ZHO03]. using/for [MZC18]. utilities [AM06]. Utility [CRJ10b, LL07, QH96, ASST05, CRL04, VMMB10, VLL+14]. Utility-based [LL07, VMMB10]. Utilization [AS91, LT96, ZV12, CCHC09]. Utilization-based [ZV12]. Utilizing [AM06, CM92, LA93, PDP17].

[108]

[AS00, BR95a, MB96a, SHSH17, AM17, Eri88, LAGK07]. **Verifying** [WG93, YDTZ18]. **Versatile** [CGL+14, DVZ96]. **versatility** [KGN11]. **Version** [WW96, LH+18]. **Versioning** [ZLH+18], **versions** [BSMH08], **versus** [FBDC99, GST09, JL11, LPU97, Sun02, TSHH01]. **Vertex** [AK17, WFLJ16, XYZW14, XHZZ16]. **Vertex-disjoint** [WFLJ16]. **vertex-pancyclicity** [XHZZ16]. **vertically** [LHF91, SM08a]. **vertices** [ACU08]. **Very** [OP96, DHK04, MYM10, PDB13, Sun02, TSHH01, LJ11, LPU97, Y ¨O11]. **VForce** [MLK12]. **Viable** [KLLK98]. **victim** [XCH08]. **video-sharing** [YAK15]. **videos** [NML+19]. **View** [Buc92, BBB11]. **Views** [CMT93, LMCF90, Won99, BB03]. **viewshed** [CSL15]. **Viola** [NHO+13]. **Virtual** [AD95, BAHP01, BF97, DRSB01, KS97a, KLLK98, KK08, LM96, Mat93, NC13, PA97, PL95, TJ92, ZLZ+19, BJS03, BAL05, CL14, FMIF18, FX06, Fu10, KS03, KS18, KNHH18, PU09a, PK05b, PVR17, RT18, SA19, TT07, WDDK09, YLZW18, ZG13, ZW06, ZLCZ18, ZJ06, BBCQ13, DHS06]. **Virtual-Channel** [PA97]. **virtualization** [DYL+12, FLCB10, GTN+06]. **virtualized** [AAA+10, CP17, KLJ+11, KKLJ14, SJB12, SSVC10]. **viruses** [MJ03]. **visibility** [BS90]. **Vision** [LR94, MBL+92, MHC95, MAR87, WHT02, Kri91, WJD91]. **vision/image** [WJD91]. **Virtual** [BN94, PLSM18, SRGB90, BLZ+18, PLK+18]. **Visualization** [BB93, Cas93, Con93, KS93, MII93, NT90, MBH+08, NCA93, RV13, TSD08, WGC209, ZB09, ZWRI07]. **Visualizations** [LSR93, SK93]. **Visualizing** [MW93, SKR93, ZNQ93, ACD+18]. **Vital** [BS97, HHC98]. **VLIW** [NS12, dSR00]. **VLSI** [BB85a, BBR94, CCC90, CHX+17, FM85, GS91b, Gu06, KM97, KLL87, MB96a, MS87, ML89, MRR+02, MT85, MT97b, NE85, OBS88, OT86, PR06, TU92, TF92, WSS93]. **VLSI-suited** [GS91b]. **VM** [JXW06, MA19]. **VM-based** [JXW06]. **VOD** [SK11, Bar05, LC07, YCH+10]. **voice** [WTS03]. **volatile** [CDR12, HZHS18, NV14, ZPK+14]. **voltage** [FABG+19, FKL08]. **Volume** [Ano92a, Ano92c, Ano93e, Ano96l, Ano97k, Ano00d, Ano01g, Ano01i, Ano01h, Ano02d, Ano03b, Ano04a, Ano08, Ano09, Ano10a, Ano10b, Ano11j, Ano11k, Ano12m, Ano12a, Ano14f, Ano14g, Ano15k, BS96c, CS93b, WS97a, ACFK07, LWCC15, Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano99a, Ano99b, Ano99c, Ano00b, Ano00c]. **Volumes** [Ano98l, Ano99h]. **volunteer** [LKM12]. **Voronoii** [RR95b, SUZ03]. **Voting** [LO96, AFD+11, ZWS09]. **VS** [Wui88]. **VSI** [PGKV18]. **VSS** [Pen11].
vulnerability [OTKT12].

WAdL [GMS06]. Wafer [KL84, MLW+97, RFM94]. Wafer-Scale [KL84, RFM94]. Wait [FKKR16, HPT02, ACH18]. Wait-Free [HPT02, FKKR16, ACH18]. wake [JLY12]. wake-up [JLY12]. Walk [SLP+98, BBS13, RM11, SMP15]. Walks [BA01a, Li10]. warehousing [DTK11a]. warning [XCLR07]. warp [NHO+13, ACD+93, CBP02, CX05, PW96]. Warping [WS95, WS97a]. Water [CvdBL+08, dAMCFN12]. Watershed [MG98]. Wave [CDP95, BBS13, CDB04, KVNV17]. WaveCluster [Y¨O11]. Wavefront [OT86]. Wavelength [HP00, CS10, MVM04, TKKH17]. wavelength-based [TKKH17]. wavelength-routed [MVM04]. Wavelet [WS95, WS97a]. Water [CvdBL+08, dAMCFN12]. Watershed [MG98]. Wave [CDP95, BBS13, CDB04, KVNV17]. WaveCluster [Y¨O11]. Wavefront [OT86]. Wavelength [HP00, CS10, MVM04, TKKH17]. wavelength-based [TKKH17]. wavelength-routed [MVM04]. Wavelet [HK01, CVJ09, IHI6, TKHG04]. Wavelet-Based [HK01]. Way [LK94, LLCC02, APV18, ACU08, KK98a, Sch14, VPHML06]. WCET [LZLX11]. WDM [CS10, DP99, MVM04, OS93, PR12, WG08]. Weak [RHH12, PMHM19]. Weakest [Bit92]. weakly [HJ07, YWW12]. weakly-connected [YWW12]. wearable [Udd19]. Weather [RHH96]. Web [KCD08, CCA18, CVK+18b, FKR+17, HSS17, Suk18, ASKTZ13, AK06, BLPA05, CSWD03, SCK03, TC03, TC04, TK07, UGG+11, Wan06, XCLZ03, XJS03, ZWL03]. web-based [CVK+18b, Suk18]. web-portal [FKR+17]. Weight [RD95, RGV90, Tse95, YI96, JM14, LVP08, Wan06, WZZ+17, WW18b, ZFT+18]. weight-based [JM14]. Weight-Throwing [Tse95]. Weighted [BS97, MD13, BFMT+18, CDDL10, DM17, LWXX19, Sta17, SZB16]. weighting [CRA+08]. well [EB09]. well-nested [EB09]. WFR [FKKR16]. WFR-TM [FKKR16]. whole [Kan05]. whole-program [Kan05]. Wide [WM92, We98, Can18, HL07, JKV15]. Wide-Area [Wei98, JKV15]. width [DH91a]. Wihidum [JDK+15]. wildfire [DFST13]. Wimpy [LNC13]. window [BM11, LVP07, MTL+18b]. window-assisted [LVP07]. winners [PL03a]. Wire [Hy97]. Wire-Limited [Hy97]. Wireless [BJS18, BCD00, BD00, BDF01, Bout03, GJPA10, GMS06, JK00, KGKS01, LDZ+14, MS00, Ola01, THGY15, WL05, ASM09, Amm16, AP03, AHG12, AYP+15, BFG+03, BM11, BS07, BXA08, BWP+11, BOY10, BPR04, BOP06, BC11, BN03, BPA06, BJL18, CCW14, CKN07, CCK+08, CRWX12, CHCG18, CLL09, CMS04, DW06, DLL11, DMB+03, DGBN14, DR19, DJH11, DMK10, DFP06b, EBE08, EM11, FCW11, FCML13, GHY10, GDP08, GP07, GCl+04, GDL+11, GYP13, GZ14b, GM14a, GL12, GMXA07, HZA+15, HMV07, HJ07, HS12, HWHH08, HWC08, HZDP12, JF12, JLY12, JBS14, JHPL13, JLWX11, KKV05, KSI04, KK11a, KOA09, KO11, KO12, KSK15, KHK18, KZ11, KK10, KDH08, KKTZ13, KGN11, KNS06, LZ08, Ldt09, LZ11, LDZ+17, LY10, LCW05, LW06a, LC11, LMJC11, LWLD12, LL12b, LS03, LU14, LR03b, LLW07, LZC11, LSWC14]. wireless [LDS16, Los08, MAGL13, MPV12, MA11, BMCM19, MB10, NPGV10, NSA11, NC09, NM17, NGQM12, OWK14, PY15, PLR07, RM10, RM11,
RLP14, REZN17, SCN12, SZMK13, SSZ10, SKMM04, SK05a, SCLL10, 
TBHA07, TLY12, TM10, VHH08, VRM10, WW07, WTB+08, WMW09, 
WBTM09, WL11, WCXL11, WH08, WBR13, WWA+18, XYKA08, 
XHZ+10, YpGyLiC13, YSL08, YZX11, ZMG+16, ZW11, ZBR11, ZLCJ12, 
ZSCX18, ZTGL17, dOBG15, LDP14, Wireless/Mobile [MS00]. Wires [GO95], within [BPBR11, THN+93, ZGJ+18], without [FKKR16, FSZ07, HP95, Ho91, MS02, OS97, RCG+11, SA93, WW12, XO05].

WK [DC94, SCD99], WK-Recursive [DC94, SCD99], WLAN [HB11], WLANs [LHX+16], Wolfe [Psa96], Work [BKC+15, BM04a, DKKV15, KM17], worker [BMT12, HSLL04].

workers [KRS15], workflow [ALM+16, FFP14, FCC07, RCG+11, WHW+17, YYL11, YWG15, ZVL15], workflows [BKK+11, KH17, PV18, TYH09].

Workload [DC94, SCD99], Workstation [AYI97, HN91, KMKD97, LC97, PN97a, PN97b, WB96, ME04], Workstations [AS97, Ano00d, ABM+92, BSS97, BDH+97, CP97, CM92, DSAUM99, DZ97, HS97, HWW96, JLR97, KR98, LS97, LHB+01, MDD97, NBSD99, PK97, Ros99, ZLP97, BMARW07, CDB04, PY09c, Plo08], world [FL86, GS18, MAGL13, MS05, MVP17, MMS90], worlds [WA03]. Worm [NS95], Wormhole [BLPV95, BPvW96, DG94, DRSB01, FF98, LME95, LEB98, NGS99, PA97, RP98, RJMC95, RMC97, SJ95, SJ96, SB02, WB01, XM92, HNSA07, Lee03, SAOKM03, WCC02].

Wormhole-Switched [WB01], Write [DS95a, ACHY18, CH06a, CG10, GNS09, IR12, IR16, SLKK12], write-once [ACHY18], write-only [SLKK12], Writeback [KE93]. Writer [JB09, KS97a, HV09, HV95], writers [FKKR16], writing [DBL+12], wrong [SYU97], wrong-path [SYU97].

WSAN [Wu11], WSN [BCO+12], WSNs [LLDL15, MCdS+16, NDP13, SMP17]. Wukong [MXSL12], WWW [AY197, AYE98].

X [CDH84, DS93], X-MP-2 [CDH84], X-Trees [DS93], x86 [AG12, RHH12], XDraw [CSL15]. Xeon [CHL18, KV17], Xiaodong [Ano97k], Xilinx [RBG17]. XMLElement [CC08, DWYB10, LSZZ15], XOR [LL95].

XX [WXZ+18], XT [YQTV12].

Yan [Ano97k]. Yao [STM18], year [Kum17], yield [CAF+11], Yields [FY96]. Yong [Ano97k], Yongsheng [Ano97k].

ZENTURIO [PF04], Zernike [TRS+12, XLH18], zero [WCYR08]. Zhang [Ano97k], ZMesh [PMCC18], zone [AGMJ06, JV06]. ZRAM [BMCP98].
Zynq [RBG17, BAT19, ZAAB17]. Zynq-based [BAT19].

References

Ahmed:1993:AOE


Atiquzzaman:1995:PBM


Aci:2010:NCC


Ahmed:2014:GDF

REFERENCES


REFERENCES

1997.1414/production/ref.


[AAFV04] Adnan Agbaria, Hagit Attiya, Roy Friedman, and Roman Vitenberg. Quantifying rollback propagation in distributed checkpointing. Journal of Parallel and Distributed Comput-
REFERENCES

Abdullah:2017:REH


Arevalo:2015:FDH


Altman:2001:RTP


Ajwani:2013:GST

REFERENCES


REFERENCES


[ABC+09a] Christos D. Antonopoulos, Filip Blagojevic, Andrey N. Chernikov, Nikos P. Chrisochoides, and Dimitrios S. Nikolopoulos. Algorithm, software, and hardware optimizations for De-
REFERENCES


Antonopoulos:2009:MDM


Andrade:2007:AGA


Awerbuch:1996:FDN


Adve:2002:COS

REFERENCES


REFERENCES


REFERENCES


[ACFK07] Cevdet Aykanat, B. Barla Cambazoglu, Ferit Findik, and Tahsin Kurc. Adaptive decomposition and remapping algo-


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Abellan:2013:DEC


Araujo:2011:MIS


Andrade:2019:LSP


Arbenz:2014:BSA


Aluru:2003:PBS

Arantes:2009:RGA


Adamek:2017:EOS


Alimonti:1996:FED


Aridor:2000:TOS


Atallah:1986:EPS

REFERENCES


REFERENCES


REFERENCES


Anagnostopoulos:2012:PPC


Ahuja:1990:CCM


Anagnostopoulos:2011:AMM


Alexandrov:1997:LIL


Ayguade:2018:ATB

REFERENCES


[AK18] Gagangeet Singh Aujla and Neeraj Kumar. SDN-based energy management scheme for sustainability of data cen-
Akcan:2010:MCM


Arora:2006:RVC


Abu-Khzam:2015:SPR


Arvind:1995:EPA


Andronikos:1999:OSU

Theodore Andronikos, Nectarios Koziris, George Papakonstantinou, and Panayiotis Tsanakas. Optimal scheduling for UET/UET-UCT generalized $n$-dimensional grid


REFERENCES


REFERENCES


REFERENCES


Asaduzzaman:2006:UUP


Asaduzzaman:2007:SCP


Asaduzzaman:2011:DMB


Angeli:2012:CEC


Attiya:2012:TSR


Abed:2013:IPC

[AM13] Khalid H. Abed and Gerald R. Morris. Improving performance of codes with large/irregular stride memory access pat-


REFERENCES


Anagnostopoulos:2014:TOC


Al-Naqi:2013:DFT


Annexstein:1994:EHR


Anonymous:1992:AVN

Anonymous:1992:AIV


Anonymous:1992:EVN


Anonymous:1993:AIT


Anonymous:1993:AIVa


Anonymous:1993:AIVb


Anonymous:1993:AIVc

REFERENCES


Anonymous:1993:EVN


Anonymous:1994:AIVa


Anonymous:1994:AIVb


Anonymous:1994:AIVc


Anonymous:1994:AIVd

Anonymous:1994:EM


Anonymous:1995:AIVa


Anonymous:1995:AIVb


Anonymous:1995:AIVc


Anonymous:1995:AIVd

REFERENCES

Anonymous:1995:AIVe

Anonymous:1995:AIVf

Anonymous:1995:AIVg

Anonymous:1995:AIVh

Anonymous:1995:CPSa
REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

Anonymous:1995:CPSb


Anonymous:1995:EM


Anonymous:1996:AIVa


Anonymous:1996:AIVb


Anonymous:1996:AIVc

Anonymous:1996:AIVd


Anonymous:1996:AIVe


Anonymous:1996:AIVf


Anonymous:1996:AIVg


Anonymous:1996:AIVh

REFERENCES


REFERENCES


Anonymous:1997:AIVg


Anonymous:1997:AIVh


Anonymous:1997:CP


Anonymous:1997:CPS


Anonymous:1997:VNA

Anonymous. Volume 38, number 1 (1996), in the article “An Effective and Practicle Performance Prediction Model for Parallel Computing on Nondedicated Heterogeneous NOW,” by Yong Yan, Xiaodong Zhang, and Yong-
REFERENCES


Anonymous:1998:AIVe


Anonymous:1998:AIVf


Anonymous:1998:AIVg


Anonymous:1998:AIVh


Anonymous:1998:CPb

REFERENCES

Anonymous:1998:CPc


Anonymous:1998:CPa


Anonymous:1998:CAT


Anonymous:1999:AIVa


Anonymous:1999:AIVb


Anonymous:1999:AIVc

REFERENCES


REFERENCES

Anonymous:1999:E


Anonymous:2000:ACP


Anonymous:2000:AIV


Anonymous:2000:ATI


Anonymous:2001:Aa


Anonymous:2001:Ab


Anonymous:2001:ACPa


Anonymous:2001:ACPb


Anonymous:2001:ACPc

Anonymous:2001:AI


Anonymous:2001:AIV


Anonymous:2001:ATIb


Anonymous:2001:ATIa


Anonymous:2001:GEIa


Anonymous:2001:GEIb


Anonymous:2001:PAFe


Anonymous:2001:PAFf


Anonymous:2001:PAFg

REFERENCES

Anonymous:2001:PAFj


Anonymous:2001:PAFk


Anonymous:2001:PAFl


Anonymous:2001:PAFm


Anonymous:2001:PAFn


Anonymous:2001:PAFo

REFERENCES

2001. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

Anonymous:2001:PAFp


Anonymous:2001:PAFq


Anonymous:2001:PAFr


Anonymous:2001:PAFs


Anonymous:2001:P


Anonymous:2001:RN


REFERENCES

Anonymous:2002:GEIb


Anonymous:2002:GEIc


Anonymous:2002:N


Anonymous:2002:PAa


Anonymous:2002:PAb

<table>
<thead>
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<th>References</th>
<th>Publication Details</th>
</tr>
</thead>
</table>
Anonymous:2002:PAFb


Anonymous:2002:PAFc


Anonymous:2002:PAFd


Anonymous:2002:SSD


Anonymous:2002:SIP

REFERENCES


REFERENCES


Anonymous:2004:CSM

Anonymous:2004:CH

Anonymous:2004:EBa

Anonymous:2004:EBb

Anonymous:2004:EBc

Anonymous:2004:EBd

Anonymous:2004:EBe

Anonymous:2004:EBf
REFERENCES

Anonymous:2004:EBg


Anonymous:2004:EBh


Anonymous:2004:EBi


Anonymous:2004:EBj


Anonymous:2004:EBk


Anonymous:2004:EBl


Anonymous:2004:MPA


Anonymous:2008:EVR

Anonymous:2009:EVR

Anonymous:2010:EVA

Anonymous:2010:EVR

Anonymous:2011:EBa

Anonymous:2011:EBb

Anonymous:2011:EBc

Anonymous:2011:EBd
REFERENCES

Anonymous:2011:EBe

Anonymous:2011:EBf

Anonymous:2011:EBg

Anonymous:2011:EBh

Anonymous:2011:EBi

Anonymous:2011:EVA
Anonymous:2011:EVR


Anonymous:2012:EBa


Anonymous:2012:EBb


Anonymous:2012:EBc


Anonymous:2012:EBd


Anonymous:2012:EBe

REFERENCES


REFERENCES

Anonymous:2012:EBI


Anonymous:2012:EVA


Anonymous:2012:EVR


Anonymous:2013:EBa


Anonymous:2013:EBb


Anonymous:2013:EBc

REFERENCES


Anonymous:2013:EBd


Anonymous:2013:EBe


Anonymous:2013:EBf


Anonymous:2013:EBg


Anonymous:2013:EBh


Anonymous:2013:EBi

[Ano13i] Anonymous. Editorial Board. *Journal of Parallel and Distributed Computing*, 73(9):??, September 2013. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
REFERENCES

Anonymous:2013:EBj


Anonymous:2013:EBk


Anonymous:2014:EBa


Anonymous:2014:EBb


Anonymous:2014:EBc


Anonymous:2014:EBd

REFERENCES

Anonymous:2014:EBe


Anonymous:2014:EVA


Anonymous:2014:EVR


Anonymous:2015:EBa


Anonymous:2015:EBb


Anonymous:2015:EBc

REFERENCES


Anonymous:2015:EBd


Anonymous:2015:EBe


Anonymous:2015:EBf


Anonymous:2015:EBg


Anonymous:2015:EBh


Anonymous:2015:EBi

[Ano15i] Anonymous. Editorial Board. Journal of Parallel and Distributed Computing, 85(??):ifc, November 2015. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
REFERENCES

Anonymous:2015:EBj


Anonymous:2015:EVR


Anonymous:2016:EBa


Anonymous:2016:EBb


Anonymous:2016:EBc


Anonymous:2016:EBd

Anonymous. Editorial Board. *Journal of Parallel and Distributed Computing*, 90–91(??):ifc, April 2016. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
REFERENCES

Anonymous:2016:EBe


Anonymous:2016:EBf


Anonymous:2016:EBg


Anonymous:2016:EBh


Anonymous:2016:EBi


Anonymous:2016:EBj

Anonymous. Editorial Board. *Journal of Parallel and Distributed Computing*, 98(??):ifc, December 2016. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
REFERENCES

Anonymous:2016:NAE


Anonymous:2016:TI


Anonymous:2017:EBa


Anonymous:2017:EBb


Anonymous:2017:EBc


Anonymous:2017:EBd

REFERENCES


REFERENCES


[Ano18c] Anonymous. Editorial Board. *Journal of Parallel and Distributed Computing*, 112 (part 1)(??):ifc, February 2018. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-


REFERENCES


[Ano18o] Anonymous. Editorial Board. Journal of Parallel and Distributed Computing, 118 (part 1)(??):ii, August 2018. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-

Anonymous:2018:EBq


Anonymous:2018:EBs


Anonymous:2018:EBt


Anonymous:2018:EBu


Anonymous:2018:EB
REFERENCES

Anonymous:2018:EBCa

Anonymous:2018:EBCb

Anonymous:2018:EBCc

Anonymous:2018:FTPa

Anonymous:2018:FTPb

Anonymous:2018:TPa
Anonymous. Title page. *Journal of Parallel and Distributed Computing*, 118 (Part 2)(??):i, August 2018. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
REFERENCES


REFERENCES

Anonymous:2019:EBf

Anonymous:2019:EBg

Anonymous:2019:EBh

Asdre:2007:OPS

Andreae:1997:ECP
Alba:2002:HCP


Abdullah:2005:DDA


Al-Omari:2004:EOT


Al-Omari:2005:ASF


Abraham:1991:PMN

REFERENCES


REFERENCES

Arslan:2018:BDT

Abellan:2018:PBE

Antonov:2018:CSH

Andonov:1997:OOT
REFERENCES


REFERENCES


REFERENCES

Anderson:1995:PIP

Antonoiu:1996:SSL

Anastasiadis:1997:PAS

Anand:2000:FVA


REFERENCES

Abali:1997:CSM


Almeida:2018:DSR


Aparicio:2018:PAC


Alfaro:2009:NSM


Ashari:2015:MDB

Arash Ashari, Naser Sedaghati, John Eisenlohr, and P. Sadayappan. A model-driven blocking strategy for load balanced sparse matrix-vector multiplication on GPUs. *Jour-
Abali:2001:ARN


Al-Sayed:2019:TEC


Al-Sayed:2016:PMF


Al-Shammary:2013:FSS

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[BA06] Dominic Battré and David Sigfredo Angulo. MPI framework for parallel searching in large biological databases. *Journal
REFERENCES


Bader:2004:IRA


Ben-Asher:1992:DSA


Ben-Asher:1995:ESS


Bahi:2000:AIA


Ben-Asher:2004:EPS

REFERENCES

Banikazemi:2001:DAV

Bai:1994:PAC

Butt:2003:GCP

Balasundaram:1990:MKU

Boukerche:2005:MVS
2005. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Blelloch:1995:SLR


Boukerche:2000:GEI


Boukerche:2004:RNM


Baskiyar:2005:SDC


Berlinska:2011:SDM


Bosilca:2009:ABF

[BDDL09] George Bosilca, Rémi Delmas, Jack Dongarra, and Julien Langou. Algorithm-based fault tolerance applied to high perfor-
REFERENCES


REFERENCES

Bruck:1997:EMP


Blevins:1990:BHI


Bermond:1986:SIN


Bajard:1994:SOL


Barbareschi:2018:PBH

REFERENCES

Bonakdarpour:2016:SSC


Birk:2014:GBI


Billionnet:1995:AFB


Besa:2013:CRB


Beckmann:1996:GSS

REFERENCES


**Bischof:2000:PLB**


**Boukerche:2012:DBA**


**Benoit:2015:ISP**


**Bhattacharya:1994:MGM**

REFERENCES


REFERENCES


REFERENCES


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Baldoni:2008:DQD


Bilas:2003:SVM


Bahrami:2018:NHA


Baden:1995:PPP


Biyani:2008:ADA

REFERENCES


REFERENCES


Bonfietti:2013:MTM


Bakiras:2005:ASD


Barnett:1995:GCA


Broll:2018:VPE


Buker:1995:PEH

REFERENCES


REFERENCES

Baddar:2014:BSC


Bahmani:2016:ECU


Baharvand:2017:AAA


Bahmani:2017:SCE


Boukerche:2007:PSL

REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


[BMRC99] Laurence Boxer, Russ Miller, and Andrew Rau-Chaplin. Scalable parallel algorithms for geometric pattern recognition. *Journal of Parallel and Distributed Comput-


REFERENCES

2003. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


[BNP99] Lars Büttner, Jörg Nolte, and Wolfgang Schröder-Preikschat. ARTS of PEACE — a high-performance middleware layer


REFERENCES

April 2006. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


Boukerche:2003:WMA


Ben-Othman:2010:EEQ


Bojeiko:2009:SFS


Bongiovanni:1989:PDS


Bilardi:1995:HPC

REFERENCES


[BPBR11] Lélia Blin, Maria Gradinariu Potop-Butucaru, and Stephane Rovedakis. Self-stabilizing minimum degree spanning tree

Balaji:1992:NPN


Beck:1990:SSD


Bourgeois:2005:CTF


Bhat:1999:AQA


Bertossi:2004:ASI

REFERENCES


REFERENCES

[Boppana:1991:GSA]

[Babaoglu:1995:SVD]

[Bernaschi:1995:DRP]

[Boppana:1995:MAA]

[Bae:1996:PUC]
Seungjo Bae and Sanjay Ranka. PACK/UNPACK on coarse-grained distributed memory parallel machines. *Journal of Parallel and Distributed Computing*, 38(2):204–216, November 1, 1996. CODEN JPDCER. ISSN 0743-7315 (print),
Boukerche:2002:DGB


Benoit:2008:MPS


Bromley:1996:QNG


Bhat:2003:ECC

Bosque:2006:PCI


Boudet:2001:ADA


Berman:1987:MPA


Blelloch:1990:CCO


Bolosky:1992:EMM


Bellosa:1996:PIL

Frank Bellosa and Martin Steckermeier. The performance implications of locality information usage in shared-memory


REFERENCES

Bass:2003:PPR


Byna:2009:SIJ


Byna:2011:SID


Braun:2001:CES

Beresford-Smith:1996:OAC


Bertolazzi:1990:PAV


Berryman:1990:KMP


Bukata:2015:SRC


Braun:2008:SRA

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Bein:2011:DNC


Brown:1993:PQA


Banerjee:2008:FTM


Bobda:2018:HLS


Bui:2017:EEC

REFERENCES


REFERENCES


REFERENCES


Cirne:2002:UMI


Cong:2006:DIP


Czapinski:2011:TST


Cason:2015:THT


Catalyurek:2009:RHM


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Chen:2008:MJR


Chen:2011:ART


Crowl:1994:AMP


Caselli:1992:TPI


Caselli:2001:DAG

REFERENCES

Costa:2006:ROA

Crane:2006:GEM

Caminero:2006:MMR

Chiu:1994:FRC

Chase:1992:PPP

Chang:2006:BCH
[CCS06] Chao-Tsun Chang, Chih-Yung Chang, and Jang-Ping Sheu. BlueCube: Constructing a hypercube parallel computing and


REFERENCES

Chen:2004:RWP


Choi:2005:RDR


Carrier:2015:SSI


Caron:2010:SSC


Cicerone:2001:CPR

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Clauss:2010:ICO

Carroll:2011:DAM

Carroll:2012:IBD

Casu:2017:PPA

Colajanni:1998:TBR


Casanova:2014:VSA


Castro:2014:ATM


Cecilia:2013:EDP


Chatterjee:1996:AAA

REFERENCES


REFERENCES

Chiola:1992:SIP


Chien:1995:CAC


Cheng:2018:MCN


Chowdhury:1990:GLS


Choudhary:1993:PSG


Chrisochoides:1994:MAS

Chen:2017:CFB


Chung:1986:OQD


Calamoneri:2003:IRL


Cosnard:1999:CDR


Crivelli:1999:PPL

REFERENCES


REFERENCES


REFERENCES


**Chiu:2005:PED**


**Chung:2012:QAD**


**Costache:2017:MBA**


**Chatzigiannakis:2007:FTE**


**Campbell:2004:HCI**

REFERENCES

Chechina:2011:RMA

Cheng:2017:IRP

Clark:1985:SPP

Cavallaro:1988:CAS

Cormen:1990:HSR
Chan:1991:DFT


Chen:1991:SIJ


Chan:1993:FTP


Cheung:1996:RLM


Camp:2003:AMB


Cortes:2003:TAH


REFERENCES


Cai:2002:COD


Clark:1992:DDC


Chung:1993:MSN


Chandra:2003:FAS


Calamoneri:2004:EAC

REFERENCES


REFERENCES


REFERENCES

*Cai:1993:GVB*


*CMT93*


*Choi:1993:EAM*


*Che:2014:ALM*


*Canto-Navarro:2018:FPA*


*Chatzigiannakis:2003:DCA*

[Ioannis Chatzigiannakis, Sotiris Nikoletseas, and Paul Spirakis. Distributed communication algorithms for ad hoc mobile]


REFERENCES


[CP17] Marcello Cinque and Antonio Pecchia. On the injection of hardware faults in virtualized multicore systems. *Journal of
REFERENCES


Choudhury:2011:SMT


Chen:2018:CMD


Conant:2003:PGI


Clement:1995:OCC


Cohen:2017:PCT

Copty:1994:DPA

Castillo:2011:OAA

Cho:2010:PBR

Cho:2010:UAR


REFERENCES


[Chen:1995:IEB]


[Choy:1995:EIS]


[Cao:2000:ADC]


[Chen:2006:CLS]


Long Cheng, Ilias Tachmazidis, Spyros Kotoulas, and Grigoris Antoniou. Design and evaluation of small-large outer

[Capel:2017:TCP]


[Congiusta:2008:SOM]


[Comito:2016:DSD]


[Climent:1999:BRD]


[CW93] Kam Hoi Cheng and Qingzhou Wang. A simultaneous access design for idle processor reactivation and the detection of the


[CWP98] Yongwha Chung, Cho-Li Wang, and Viktor K. Prasanna. Parallel algorithms for perceptual grouping on distributed


Chen:2012:EIG


Cheng:1995:PBS


Chen:1996:TNL

[CWZ+18] Liang Cao, Yufeng Wang, Bo Zhang, Qun Jin, and Athanasios V. Vasilakos. GCHAR: An efficient group-based context-aware human activity recognition on smartphone. *Journal of
REFERENCES


Chung:2005:ORT


Chen:2018:REC


Chen:2018:FAC


Chen:2014:PPV


Cheung:1995:FDA

REFERENCES


Czapinski:2013:EPM

[135x681] REFERENCES

[1990. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


Chen:2016:SNP


Chen:2017:DDA


Ci:2009:MFB


Darbha:1997:TDB

REFERENCES


[dADC18] Bianca de Almeida Dantas and Edson Norberto Cáceres. An experimental evaluation of a parallel simulated annealing approach for the 0–1 multidimensional knapsack problem. *Journal of Parallel and Distributed Computing*, 120(??):211–221, October 2018. CODEN JPDCER. ISSN 0743-7315 (print),


deAndrade:2017:OFH


David:2017:LLD


Dhodhi:2002:ITT


Drezner:1986:AAS


Derhab:2008:SSA

DeGrande:2011:DBC


Drummond:2018:SIC


Dabah:2018:HMC


Dail:2003:DSA


DiFatta:2013:FTD

Dongarra:1990:TAD


deAzevedo:1995:BAS


Droz-Bartholet:2012:RCW


Donaldson:1994:PSH


Dhurandher:2018:LPB

REFERENCES


Delevacq:2013:PAC


Das:2006:EAP


Delaet:2010:SSM


DAmbrosio:2018:OCA


Dandamudi:1991:HBH


REFERENCES


REFERENCES


deSouzaSilva:1991:QNM


Draper:1994:CAM


Dash:2014:LCM


Delporte-Gallet:2010:SLE


Delporte-Gallet:2005:MEA


Delling:2013:PHA

REFERENCES


[Dja04] Clémentin Tayou Djamegni. Mapping rectangular mesh algorithms onto asymptotically space-optimal arrays. *Journal
Djamegni:2006:CMP


Deb:2019:CER


Dhanapala:2011:RRW


Deo:1994:PCT


Durand:2003:PSU

REFERENCES


REFERENCES


REFERENCES


REFERENCES


DiStefano:1999:EKT


Dong:2001:DCA


delaAsuncion:2012:MCI


Dang:2011:DPP

[DLLL11] Viet-Hung Dang, Viet-Duc Le, Young-Koo Lee, and Sungyoun Lee. Distributed Push–Pull Estimation for node local-


Dong:2012:DAL


Duprat:1988:HPE


Darling:1990:PAS


Dinning:1990:FPA


Dixit:1990:APP


Davarakis:1992:PPA


REFERENCES


REFERENCES


REFERENCES


Deelman:2002:SSE


Datta:2004:FSA


Defago:2004:SPR


daSilva:2015:ESB


Dhodhi:1999:DID


REFERENCES


Dickens:2001:ECI


Delaet:2002:TTI


Demsky:2011:IFO


Doka:2011:BDF

Katerina Doka, Dimitrios Tsoumakos, and Nectarios Koziris. Brown Dwarf: a fully-distributed, fault-tolerant data ware-


REFERENCES


Damani:2003:DRK


Duval:1987:FTT


Ding:2010:UMB


Ding:2010:PCM


Dandamudi:1999:PAS


September 1990. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

El-Boghdadi:2009:PAR


El-Boghdadi:2013:CAO


Eberbach:1994:CDG


Elhadeef:2008:DFI


Ebner:2004:PAC


Engstrom:1989:SPS


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Year</th>
<th>Pages</th>
<th>URL</th>
</tr>
</thead>
</table>
Evett:1994:PKR


Es:2007:ARG


Eijkhout:2018:TDM


Eugster:2017:HPP


Ercegovac:1988:LSC

REFERENCES

Ercegovac:1991:MPM

Ercal:1997:TEM

Eshaghian:1994:OTP

Evans:1989:FTS

Esnaashari:2011:CLA


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal Details</th>
<th>URL</th>
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</table>
REFERENCES


REFERENCES


REFERENCES


Foteinos:2014:HQR


Feng:2007:DPI


Fang:2000:FRH


Fernandez:2004:TDR


Frache:2014:EDS

S. Frache, D. Chiabrando, M. Graziano, M. Vacca, L. Boarino, and M. Zamboni. Enabling design and simulation of mas-

### Fernandez-Cerero:2018:SSE


### Fan:2013:GBC


### Feo:1990:RSL


### Francesquini:2015:EEP

REFERENCES


Feng:1990:SAB


Ferrante:1990:PDS


Ferscha:1992:PNA


Ferretti:1993:GHT


Ferragina:1995:TSP


Fleury:1998:SPB

REFERENCES


REFERENCES


REFERENCES


Fatourou:2016:WTW


Freeh:2008:JTD


Foley:2017:OWP


Fizzano:1997:DJS


REFERENCES


French:1993:PMC


Fard:2014:MOL


Friedman:2014:ECS


Fantozzi:2006:TSL


Flocchini:2008:CAB


REFERENCES

Ferreira:1998:SII


Fraigniaud:1992:CAB


Freeh:1996:CIE


Feller:2015:PEE


Fleury:2004:DFG


Feliu:2018:DLS

Josué Feliu, Julio Sahuquillo, and Salvador Petit. Designing lab sessions focusing on real processors for computer archi-
REFERENCES


Stefka Fidanova and Denis R. Trystram. Improved lower bounds for embedding hypercubes on de Bruijn graphs. *Journal of Parallel and Distributed Computing*, 64(3):327–329,
March 2004. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

**Fu:2000:EEM**


**Feitelson:2014:EUP**


**Funabiki:1992:NNM**


**Feo:2014:SIJ**


**Florimbi:2019:EMC**

[FTM+19] Giordana Florimbi, Emanuele Torti, Stefano Masoli, Egidio D’Angelo, Giovanni Danese, and Francesco Leporati. Exploiting multi-core and many-core architectures for efficient simu-


[FW05] Babak Falsafi and David A. Wood. Evaluating scheduling policies for fine-grain communication protocols on a cluster of SMPs. *Journal of Parallel and Distributed Computing*, 65
REFERENCES


REFERENCES


Fu:1997:RTT


Feng:1990:FDM


Furno:2014:SSC


Fang:2005:FSS

REFERENCES


REFERENCES

Gao:1989:AAB


Gao:1993:EHD


Gutierrez-Alcoba:2017:AAP


Gaudiot:2006:I


Guha:1993:DON


Gustafson:2006:SIM

GB06  Steven Gustafson and Edmund K. Burke. The Speciating Island Model: An alternative parallel evolutionary algorithm.


[GCY+04] Deepak Ganesan, Alberto Cerpa, Wei Ye, Yan Yu, Jerry Zhao, and Deborah Estrin. Networking issues in wireless sensor net-

Gao:2018:CPD


Gardellin:2011:GPD


Goodeve:1998:TMS


Gandham:2008:LSW


Gonzalez-Ferez:2014:GFD


Gabarro:1994:ACD


Gavoille:2001:SER


Gao:1993:DMA


Ghosh:1993:PEP

REFERENCES


**REFERENCES**


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Grace:2014:DRP

Guo:1991:PCO

Gupta:2000:NSI

Galiano:2012:GBP
REFERENCES


Goertzel:1994:LIP


Gai:2013:MIG


Gonzalez:1998:CAM


Gedik:2016:PFS

[Gos90] A. Goscinski. Two algorithms for mutual exclusion in real-
time distributed computer systems. *Journal of Parallel and
Distributed Computing*, 9(1):77–82, May 1990. CODEN JPDC-
CER. ISSN 0743-7315 (print), 1096-0848 (electronic).

massively parallel MIMD application. *Journal of Parallel and
JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

disk arrays for high data reliability. *Journal of Parallel and
Distributed Computing*, 17(1–2):4–27, January/
February 1993. CODEN JPDCER. ISSN 0743-7315 (print),

programming recurrences with more than $O(1)$ dependency.
*Journal of Parallel and Distributed Computing*, 21(2):213–
222, May 1994. CODEN JPDCER. ISSN 0743-7315 (print),
com/links/doi/10.1006/jpdc.1994.1053/production;

bounded fraction of faulty nodes. *Journal of Parallel and
JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).
URL http://www.idealibrary.com/links/doi/10.1006/
REFERENCES


REFERENCES


Guo:2019:HCM

Gaibisso:2006:EMT

Goldman:2006:EMD

Geng:2008:DSA

Gai:2018:EAT

Gao:1996:TES
Li-Xin Gao and Arnold L. Rosenberg. Toward efficient scheduling of evolving computations on rings of processors. *Journal
REFERENCES

Grahn:2009:SIJ


Grahn:2010:ASI


Grahn:2010:TM


Ghosh:2005:PSJ


Gustafson:1991:DSF


Gomez:1997:EMU


Gargano:1997:CCG


Gallet:2008:CDP


Guo:2018:SMI


Gilbert:1991:OEE

REFERENCES


REFERENCES


Giacaman:2018:PSE


Gumaei:2019:ASC


Goldstein:1996:LTI


Gill:1993:STA


REFERENCES


Philip Holman and James H. Anderson. Supporting lock-free synchronization in Pfair-scheduled real-time systems. *Journal
Hussain:2017:NIS

Hagerup:1997:AIT

Haldar:2005:CRV

Han:1989:PAC

Harrison:1991:AMM
REFERENCES


REFERENCES

Helman:1998:RPS


Hager:2017:MCC


Hwang:1991:SPR


Hollis:1995:MIR


Hui:1997:TAH

REFERENCES

He:2009:PBI

Hsieh:2011:NSB

Hicks:1993:PSI

Hurwitz:2005:AMP
REFERENCES

Hammoud:2011:CAL


Hernandez:2012:HBR


Herbordt:2000:SEP


Herbordt:1994:PAO


Herbordt:2004:ACH

REFERENCES

of Parallel and Distributed Computing, 64(3):400–413, March 2004. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

Hu:2010:IIC


Hanna:2011:AHS


Hoare:2008:TSH


HerondeCarvalhoJunior:2013:CSE


Hoare:2005:FDS


REFERENCES


[HHA14] Tassadaq Hussain, Anna Haider, and Eduard Ayguadé. PMSS: a programmable memory system and scheduler for


[HHM94] Susanne Hambrusch, Xin He, and Russ Miller. Parallel algorithms for gray-scale digitized picture component labeling
REFERENCES

Heber:2012:ISC


Han:1994:BFB


Hac:1990:SSL


Harper:1990:ERB


Ho:1990:EMB


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


Higham:2008:ISC


Hussain:2018:IDL


Heckmann:1998:OEC


Harvey:1991:ETL


Hiranandani:1994:ECO

REFERENCES

com/links/doi/10.1006/jpdc.1994.1040/production;

[HK05] Hung-Chang Hsiao, Chung-Ta King, and Chia-Wei Wang. TY-
PHOON: mobile distributed hash tables. Journal of Parallel
CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
tronic).

[HL07] Tzu-Lun Huang and D. T. Lee. A distributed multicast rout-
ing algorithm for real-time applications in wide area networks.
Journal of Parallel and Distributed Computing, 67(5):516–530,
May 2007. CODEN JPDCER. ISSN 0743-7315 (print), 1096-
0848 (electronic).

[HLBM16] Philip Healy, Theo Lynn, Enda Barrett, and John P. Mor-
and Distributed Computing, 90–91(??):35–51, April 2016.
CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-
article/pii/S0743731516000058.

[HLCZ00] Y. Charlie Hu, Honghui Lu, Alan L. Cox, and Willy
Zwaenepoel. OpenMP for networks of SMPs. Journal of Parallel
CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (elec-

[HLJ98] Gwan-Hwan Hwang, Jenq Kuen Lee, and Roy Dz-Ching
Ju. A function-composition approach to synthesize Fortran
90 array operations. Journal of Parallel and Distributed
REFERENCES


REFERENCES


Hanlon:2003:LSF


Hori:2012:ANS


Helmbold:1996:TRC


Huang:1999:BBA


REFERENCES


Huang:1994:ELB


He:2009:SAA


Hohberg:1990:HFB


Hollingsworth:2017:E


Heydemann:1994:EHG

Hernández-Orallo:2009:PBS


Hendrickson:1995:PMB


Ha:1997:SDC


Homer:1997:DPP


Ha:2000:NTB

[HP00] Joon-Ho Ha and Timothy Mark Pinkston. A new token-based channel access protocol for wavelength division mul-


Hoepman:2002:SSW


Ha:2007:STR


Hamdi:1999:CES


Hung:1989:PPL

Hung:1990:PBC


Heywood:1992:PHMb


Heywood:1992:PHMa


HarEl:2000:JCB


Hacker:2009:ACF


Hernandez:2011:CIP


REFERENCES


Harris:2000:LOO


Hwang:2003:IPP


Harutyunyan:2006:EHB


He:2012:CSB


Hussain:2017:HDE

REFERENCES


He:2010:IRS


Hsieh:2004:EPS


Hinkle:1987:NLP


Heymann:2004:ERM


Hiranandani:1991:PHC


Han:2010:EPA


REFERENCES


Hsieh:2016:HTD


Habetha:2003:ASP


Hwang:1997:EPA


Huang:2008:TCT


Hsieh:2018:KAR

REFERENCES


REFERENCES


Ieumwananonthachai:1992:IPM


Iyengar:2004:SII


Ibrahim:2008:FGP


Iqbal:2005:PAD


Igual:2012:FAD

Ibrahim:2017:CSE


Izaguirre:2005:PMS


Ikuzawa:2016:RMU


Irwansyah:2017:FBM


Ibarra:1993:QBA

REFERENCES


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


Imani:2010:RPC


Islam:1997:CMP


Izumi:2007:ATC


Itzkovitz:1999:TID


Irony:2004:CLB

Dror Irony, Sivan Toledo, and Alexander Tiskin. Communication lower bounds for distributed-memory matrix multiplication. *Journal of Parallel and Distributed Computing*, 64(9):
Ibarra:1995:OSP

Ippoliti:2012:GAG

Javadi:2012:FAR

Johnson:1993:PED

Joy:1998:HDR


Jesus:2015:FUF


Jaramillo-Botero:2002:UFM


Jiang:1991:MMV


REFERENCES

Jiang:1999:PAD


Jan:2012:SCA


Jayaraman:1989:SIR


Jiang:2000:PSA


Jayasekara:2015:WDC


Qiangfeng Jiang, Yi Luo, and D. Manivannan. An optimistic checkpointing and message logging approach for consistent global checkpoint collection in distributed systems. *Journal
REFERENCES

Johnson:1997:LCH


Jiang:2011:CIC


Jang:2012:OWS


Jaen-Martinez:2000:JME


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


Emmanuel Jeannot, Erik Saule, and Denis Trystram. Optimizing performance and reliability on heterogeneous parallel systems: Approximation algorithms and heuristics. *Journal
REFERENCES


REFERENCES


[JXW06] Xuxian Jiang, Dongyan Xu, and Yi-Min Wang. Collapsar: a VM-based honeyfarm and reverse honeyfarm architecture

**Jin:2005:MDD**


**Jin:2015:SEM**


**Johnson:2004:MEN**


**Jiang:2017:DOS**


**Korst:1989:COB**

REFERENCES


REFERENCES


[Kar95] Dino Karabeg. Process partitioning through graph compaction. *Journal of Parallel and Distributed Comput-
REFERENCES


REFERENCES


REFERENCES


Kravtsov:2010:SFL


Kaur:2019:IRE


Kuang:2005:PPO


Kyriakis-Bitzaros:1992:EDT


Krishnamoorthy:1994:SDS

REFERENCES


REFERENCES


[KCFP18] Rafal Kozik, Michal Chora’s, Massimo Ficco, and Francesco Palmieri. A scalable distributed machine learning approach for attack detection in edge computing environments. *Journal of*
Kim:2014:IPA


Kandemir:1999:MBA


Kalathingal:2018:DDI


Kim:1999:CMD


REFERENCES


Kalyanaraman:2007:AGL


Kuo:1990:RCC


Kuszmaul:1990:NNA


Kankanhalli:1995:APC


Khanna:1995:LTA


REFERENCES


[KHN17] Hidehiro Kanemitsu, Masaki Hanada, and Hidenori Nakazato. Prior node selection for scheduling workflows in a hetero-
REFERENCES


REFERENCES


REFERENCES

Karunaratne:2017:DSC


Kas:2011:OAC


Krimer:2011:STA


Kambatla:2014:TBD


Kim:2012:RSG


[KKS+12] Jinwoo Kim, Minyoung Kim, Mark-Oliver Stehr, Hyunok Oh, and Soonhoi Ha. A parallel and distributed meta-heuristic


REFERENCES

513


[URL](http://www.sciencedirect.com/science/article/pii/S0743731510002376)


K. Knobe, J. D. Lukas, and G. L. Steele, Jr. Data optimization: Allocation of arrays to reduce communication on SIMD machines. *Journal of Parallel and Distributed Computing*, 8
Kopidakis:1997:TAP


Kornerup:1988:LAU


Kuo:1991:IMR


Kuo:1992:SAP


Krishnamoorthy:1997:FAF

REFERENCES

Knoll:2003:VPG


Kaur:2017:RPW


Kuo:1991:PCS


Khanna:2016:GND


Kapelnikov:1989:MMA

Kapelnikov:1992:MPA


Komatitsch:2009:PHO


Koibuchi:2005:EOP


Katevenis:1997:TSH


Khattab:2006:HBP

Kumar:2006:PAP


Kwok:2006:SSA


Koukopoulos:2007:PSB


Kowalski:2010:ESM


Kim:2018:CPH


Kim:2018:CSC

REFERENCES


Kim:2018:FSS


Kim:1991:MOO


Kuruvila:2006:GLR


Koppelman:1990:SRP


Khedr:2011:ETT


REFERENCES


REFERENCES


REFERENCES


Krikelis:1991:CVA

Krikelis:1992:NCM

Kalentev:2011:CCL

Kovaleski:1987:AIS

Khasanvis:2014:HGC

Kumar:2001:SIH
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kim:2007:DMT


Kollias:2014:FPA


Koutsandria:2016:CEH


Kamath:2016:DTT

REFERENCES


Katayama:2002:LOS


Kumar:2017:ROT


Katz:1988:GRP


Khoo:2010:PAF


Kang:2018:DSS

Seungmin Kang, Bharadwaj Veeravalli, and Khin Mi Mi Aung. Dynamic scheduling strategy with efficient node availability prediction for handling divisible loads in multi-cloud systems. *Journal of Parallel and Distributed Computing*, 113(??):1–16, March 2018. CODEN JPDCER. ISSN 0743-7315 (print),
REFERENCES


Krishnamurthy:1996:AOS


Kakugawa:2002:USS


Karwande:2005:MPC


Kee:2017:AMB


Karimi:2013:SAF

Kim:1996:FMO


Kolli:2011:DPA


Lin:1993:UGS


Loukopoulos:2004:SAD


REFERENCES


REFERENCES

[Lejeune:2015:FSF]

[Latifi:1995:MTI]

[Latifi:1998:FBG]

[Lee:2000:IIB]
Ling:1989:SAM

Lee:1990:ASS

Liu:2009:GDS

Liao:2012:APP

Lopez:2017:CCC

Lopez:2018:THP
Pedro L´ opez and Elvira Baydal. Teaching high-performance service in a cluster computing course. *Journal of Parallel

Lesyng:2003:EXE


Lazar:1995:BAM


Lakhlef:2015:EAP


Liang:1994:FTM

Li:2019:JOD


Li:1990:SJS


Li:1990:SPA


Li:1991:DAP


Li:1991:TDB


Lin:1992:AGP

REFERENCES


Laurenciu:2014:CTN


Lim:2014:PGM


Lorenzon:2016:IDG


Lee:2005:RMF


Li:2010:SSP

REFERENCES


Lee:2003:RTW


Lan:1990:MHM


Lu:1992:SCP


Lublin:2003:WPS


Lowenthal:1996:UFG

REFERENCES


[LH92] Tze Chiang Lee and John P. Hayes. Design of gracefully degradable hypercube-connected systems. *Journal of Par-
REFERENCES


REFERENCES


[Li05] Keqin Li. Job scheduling and processor allocation for Grid computing on metacomputers. *Journal of Parallel and Distribu-
REFERENCES


REFERENCES


Lin:2003:EED

Lisper:1990:STO

Li:1986:SSN

Lee:2005:EDR

Lee:2002:PPR

Li:2019:EPO
[LJZ+19] Zhihao Li, Haipeng Jia, Yunquan Zhang, Shice Liu, Shigang Li, Xiao Wang, and Hao Zhang. Efficient parallel op-

**Lang:1990:NTS**


**Li:1994:OSL**


**Lee:1996:PSM**


**Lee:1998:LCS**


REFERENCES


September 1990. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


**Lai:2015:SAM**


**Leu:2008:DWD**


**Lee:1993:OFC**


**Luo:2007:RFG**


**Lu:2016:PIF**

REFERENCES


REFERENCES


LeBlanc:1990:APP


Lin:1995:AMW


Lazaro-Munoz:2017:TRM


Li:2011:NRA


Lin:2010:RTS


Shu Li, Rami Melhem, and Taieb Znati. An efficient algorithm for constructing delay bounded minimum cost multicast trees.
REFERENCES


Lopriore:2018:PBP


Loscri:2008:MPW


Luk:1988:AAB


Lin:1995:BDO


Larmore:1996:PAO


Lee:1996:PME

[LP96b] Chiung-San Lee and Tai-Ming Parng. Performance modeling and evaluation of a two-dimensional disk array system. *Jour-
REFERENCES


REFERENCES


Li:1998:LBD


Leung:1997:RTV


Liu:2005:ILS


Qun Li and Daniela Rus. Communication in disconnected ad hoc networks using message relay. *Journal of Parallel and

**Lindsey:2003:EEA**


**Ludwig:2005:ISM**


**Lastovetsky:2006:HTM**


**Lang:2014:ETE**


**Lukovszki:2018:AIN**


Lundberg:2001:ORS


Lin:2003:LBL


Lin:2005:FOP


Lufei:2006:FMC


Liang:2010:RDS

Zhengqiang Liang and Weisong Shi. A reputation-driven scheduler for autonomic and sustainable resource sharing in


Liang:1996:PAE


Lerida:2013:SBP


Lee:1988:HAK


Li:2011:CSF


Li:2011:FON

Li:2013:PMC


Lee:2017:NNL


Liu:2014:DBD


Li:2014:DPM


Luckow:2015:PDA

Liu:2015:ABI


Lu:1994:LBJ


Lin:1996:EUH


Li:2007:RCP


Lahiri:2010:IFI


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Langguth:2015:PPM**


**Luo:2014:HCS**


**Li:2012:CSC**


**Li:2002:EKF**


REFERENCES


[Lee:1997:GOM]


[Lee:2012:PDS]


[Liang:2012:UBC]


[Li:2011:TPA]


REFERENCES

596

Landfeldt:2008:BAS


Landfeldt:2011:SIA


Liu:2011:TAL


Lei:2009:CCM


Li:2011:CCQ

Liu:2011:JTA


Lu:2006:MTH


Li:2011:MDT


Liu:2018:CFB


Liu:2011:APD

Mershad:2011:CCD


Mohiuddin:2019:WAV


Maia:2013:MRP


Maheshwari:1995:PSP


Min-Allah:2012:PER

REFERENCES


REFERENCES

Manjunathaiah:2013:FGM

Martalo:2014:SDR

Mudge:1987:VAH

Martel:1988:PAP

Mnaouer:2005:ESL

Maheswaran:1999:DMC
Muthucumaru Maheswaran, Shoukat Ali, Howard Jay Siegel, Debra Hensgen, and Richard F. Freund. Dynamic mapping of a class of independent tasks onto heterogeneous


REFERENCES

MacPherson:1996:PAV


May:1996:REP


Mastrostefano:2013:EBF


Mansouri:2019:DRM


REFERENCES


Maggioni:2016:OTS


Martinez:1991:SAD


Melhem:1993:OCI


Myers:2003:NMI


Maier:2017:OLD


McAulay:1989:CGO


[Marcon:2011:CFI] César Marcon, Ney Calazans, Edson Moreno, Fernando Moraes, Fabiano Hessel, and Altamiro Susin. CAFES:

**Musat:2018:ASE**


**Michail:2014:CIC**


**Melab:2006:GCP**


**Muppala:2014:MTS**

REFERENCES


Meyer:1997:ALA


Mahanti:2004:ADP


Megson:1991:SAB


Muhammad:2017:ALA


Menouer:2018:SCP

REFERENCES

Merrall:1996:PEN


Mabbs:1994:PAM


Mourad:1993:RID


Mourad:1996:SPR


Mittal:2008:TDC


[MG03] Maria Dolores Gil Montoya, C. Gil, and I. García. The load unbalancing problem for region growing image segmentation

Munir:2014:QTA


Monien:2006:I


Ma:2012:EED


Hwu:2014:WAP


Monson:2018:EDO


REFERENCES

Manabe:1992:GCD


Miller:1993:WDW


Milosavljevi:1999:IAA


Miranker:1991:SIP


Mitchell:2007:RTB


Miscic:1994:RFD

REFERENCES

Milosavljevi:2001:EEA


Marinescu:2003:CFS


Mendelson:1992:EPP


Melamed:2008:ASR


Mukherjee:2008:DPI

REFERENCES


[MLW+97] Phil May, Myunghee Lee, Scott T. Wilkinson, Olivier Vendier, Zhuang Ho, Steven W. Bond, D. Scott Wills, Martin Brooke, Nan M. Jokerst, and April Brown. A 100 mbps, LED

Ma:2017:RSU


Manning:1993:AAE


Mahapatra:2000:MNN


Mandal:2004:CCI

[MM04] P. S. Partha Sarathi Mandal and Krishnendu Mukhopadhyaya. Concurrent checkpoint initiation and recovery algorithms on


REFERENCES


Mohapatra:1996:PAU


Mohapatra:1997:DRT


Monfroglio:1994:NLC


Meyer:1987:PFO

REFERENCES

Mathias:1988:SEL


Mayr:1993:PPP


Mickle:1996:LBU


Morris:2008:PLC


Meunier:2010:LTM


REFERENCES


Mei:2003:RPP


Moses:2009:RSC


Menon:1993:FPD


Martin:2002:ASM


Mostefaoui:2007:ISS

Melin:1998:SSC


Membarth:2014:TPP


Myllykoski:2018:SSB


McMillen:1985:ECD


Mirchandaney:1986:USL

R. Mirchandaney and J. A. Stankovic. Using stochastic learning automata for job scheduling in distributed processing sys-


REFERENCES

Manivannan:2002:ARU


Macedo:2005:MGA


Michail:2015:TPP


Majumdar:2004:PAC


Moraveji:2010:CGM


Moraveji:2010:GMD

REFERENCES

Moraveji:2011:PMC

McLay:1996:MSM

Menasce:1995:SDP

Matos:2013:LER

McIntosh-Smith:2013:SIJ
Simon McIntosh-Smith, Charles Gillan, Nico Sanna, Stan Scott, and Thomas Steinke. Special issue of the Journal of

**McLeod:1990:PAT**


**Mohamed:2005:MAR**


**Morad:2016:EEF**


**Manoj:2009:SSS**


**Muhlenbein:1988:NPM**


REFERENCES


REFERENCES

Masuzawa:1997:AFC

Murtagh:1997:RBS

Maurer:2014:BBF

Maqsood:2018:ECA
Mencagli:2018:HSW


Marathe:2010:FDP


Mirchandaney:1990:ALS


Mueller:2013:BPI


Martinez:1988:APL


Moonen:1994:JTS

REFERENCES


REFERENCES

Ma:2000:JJE


Mao:2012:WCO


Yuan:1991:FTD


Mohapatra:1995:LSS


Mishra:2011:RRA


REFERENCES

Nesterenko:2002:SPA

Nagy:2006:CNN

Nicolae:2011:BNG

Nakano:1995:OIA

Nishimura:2004:TDA
Naoki Nishimura, Yasuhiro Awatsuji, and Toshihiro Kubota. Two-dimensional arrangement of spatial patterns representing numerical data in input images for effective use of hardware resources in digital optical computing system based on optical...


[NBP98] Enrico Nardelli, Fabio Barillari, and Massimo Pepe. Distributed searching of multi-dimensional data: a performance


REFERENCES


Nie:2012:ESS


Naderan:2013:ULB


Newhall:2017:PPD


Noh:1999:HMM

REFERENCES


REFERENCES


Nikolopoulos:2004:PAH


Ngai:1986:RAT


Navaneethan:1991:DNS


Nick:1997:PSS


Nicolae:2016:TSD


Mikhail Nesterenko and Masaaki Mizuno. A quorum-based self-stabilizing distributed mutual exclusion algorithm.
REFERENCES

Nichols:2017:DDB


Nasir:2019:FCE


Nghiem:2014:PPB


Nation:1993:MEC

REFERENCES


Nikolopoulos:2002:SAD


Nyland:1997:ASP


Noeth:2009:SSC


Nakanishi:1995:ESC

REFERENCES


[NSKN17] Kohei Nagasu, Kentaro Sano, Fumiya Kono, and Naohito Nakasato. FPGA-based tsunami simulation: Performance comparison with GPUs, and roofline model for
REFERENCES


*Narahari:1999:RST*


*Nanda:1991:RCS*


*Ni:1990:SIS*


*Nassimi:1993:EIB*

REFERENCES


REFERENCES


Olariu:2001:PSI


Opper:1984:RAM


Olukotun:1990:HGA


Othman:2010:EDS


Ovalle-Martinez:2005:FMT


REFERENCES

Ou:1997:PRA


Ortigosa:2003:PSP


Oruc:1987:DCP


Oruc:1994:SPN


Ochoa-Ruiz:2018:MFE

[ORWT+18] Gilberto Ochoa-Ruiz, Pamela Wattebled, Maamar Touiza, Florent De Lamotte, El-Bay Bourennane, Samy Meftali, Jean-Luc Dekeyser, and Jean-Philippe Diguet. A modeling front-


REFERENCES

Ong:1998:ISM


Oida:2004:PSA


Oliveira:2005:PAH


Olariu:1998:TOP

Onaga:1986:WAL


Outrata:2019:PEP


Oz:2012:TVP


Olariu:2001:GEI


Ostovari:2014:SLR

REFERENCES


Padmanabhan:1991:EAD


Padmanabhan:1993:SBA


Polig:2018:HCF


Plimpton:1998:PTD


[PAS15] Stefan Pauli, Peter Arbenz, and Christoph Schwab. Intrins
com/science/article/pii/S0743731515001239.


Pussente:2009:ACS


Pelt:2015:EAS


Prasad:2017:KTT


Pedersen:2008:ABA


Penmatsa:2011:GTS

Satish Penmatsa and Anthony T. Chronopoulos. Game-theoretic static load balancing for distributed systems. *Journal

Paun:2016:FIH


Panyala:2017:EPE


Peng:2011:ISN


Peng:2014:RNS

REFERENCES


REFERENCES


REFERENCES


Pennycook:2013:IPP


Parker:1990:DAM


Puente:2001:ABR


Piuri:2001:AFT


Piccialli:2018:TID

REFERENCES

Percus:1989:RNG


Parhami:2004:IAC


Park:2004:LPC


Park:2005:OTS


Park:2005:DVS


Park:2005:SRD


Plaku:2007:DCG

Plank:1997:FTM


Psarris:1991:ABT


Page:2008:SDH


Page:2010:MHD


Penoff:2010:ETL

Peir:1993:LAR


Peng:1994:SOP


Petersen:1995:MCC


Potter:1998:AAC


REFERENCES


Prasad:2018:DEZ


Plentz:2011:PMD


Pattanayak:2019:GMR


Perez-Miguel:2015:MAC


Pan:2005:SMK

REFERENCES


REFERENCES


Pal:2014:RDR


Pietracaprina:2015:SEP


Paszynski:2010:PDS


Pani:2006:SAA


Pal:2012:SLT


Pichel:2013:SMV


**References**


REFERENCES

Pagani:2009:OOB

Prakash:1997:ACO

Prasanna:2014:IJS

Palis:1994:PRP
Purushothaman:1988:RAS


Peng:1993:NPM


Protopopov:2001:MMP


Plimpton:2014:SDA


Psarris:1996:BWG

REFERENCES


REFERENCES


REFERENCES

Ponnusamy:1993:EPE


Peng:2013:SSM


Parmentier:2006:LSM


Peleg:1989:PDR


Petit:2007:OSS


Avinash C. Palaniswamy and Philip A. Wilsey. Parameterized Time Warp (PTW): An integrated adaptive solution to


REFERENCES


June 2009. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


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<td>[QSL+08]</td>
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</tbody>
</table>


[RAN+17] Jaeyong Rho, Takuya Azumi, Mayo Nakagawa, Kenya Sato, and Nobuhiko Nishio. Scheduling parallel and distributed pro-


[Rajasekaran:2005:PRS]

[Rodrigues:2018:DME]

[Rhee:1995:MWD]

[Ravindran:2002:ARM]
REFERENCES


Ros:2008:TPI


Rajasekaran:2012:CEE


Ritter:1987:IAT


Ro:2006:SPE


Remis:2018:ESN

Luis Remis, María Jesús Garzaran, Rafael Asenjo, and Ángeles Navarro. Exploiting social network graph characteristics for efficient BFS on heterogeneous chips. *Journal of Parallel and Distributed Computing*, 120(??):282–294, October 2018. CODEN JPDCER. ISSN 0743-7315 (print), 1096-


[RH05] M. M. Hafizur Rahman and Susumu Horiguchi. Routing performance enhancement in hierarchical torus network by link-
REFERENCES


REFERENCES


Ramachandran:1996:CBS


Randall:2002:PIA


Rahmani:2016:SIE


Rahmani:2017:SIE

REFERENCES


Rachuri:2011:EEL


Robinson:1997:PBM


Rezaei:2017:DDN


Requena:2014:EDP


Rotaru:2004:DLB

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Ribeiro:2012:PDN


Ram:2004:MPP


Ram:1996:PST


Ramakrishnan:1999:ETN

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Sunwoo:1990:FCM


Sterling:1993:FGD


Sintorn:2008:FPG


Soliman:2011:FIP


Shamszaman:2019:ECC


Siegel:1992:RPW

REFERENCES


REFERENCES


Sarbazi-Azad:2005:DPNb


Su:1984:DPM


Skillicorn:1993:CP


Sohn:1997:SID


Schwiebert:2002:PTA

REFERENCES


[SBÇ12a] Erik Saule, Erdeniz Õ. Bas, and Ümit V. Çatalyürek. Load-balancing spatially located computations using rectangu-


REFERENCES

June 2010. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


REFERENCES


ARRVINDH SHRIRAMAN, SANDHYA DWARKADAS, AND MICHAEL L. SCOTT

RICARDO SANTOS, LIANA DUENHA, ANA CAROLINE SILVA, MATHEUS SOUSA, LUIZ AUGUSTO TEDESCO, JOÃO CARLOS MELGAREJO, TONY SANTOS, RODOLFO AZEVEDO, AND EDWARD MORENO.

JESÚS SALTERA, IVÁN DÍAZ, JUAN TOURIÑO, AND R. RAMÓN DOALLO.

MOSTAFA I. SOLIMAN AND ELSAYED A. EL-SAYED.
REFERENCES

Seban:1991:FTP

Seban:1995:DCS

Seifers:2005:NSM

Severance:1996:MOB

Seredynski:1997:CCM


Sarukkai:1993:SPD


Sundaresan:1996:COO


Sanchez:1999:SDP


Shi:2014:SBH

Szafaryn:2013:TPA


Schwiegelshohn:1991:OPA


Saxena:2003:DOC


Sibeyn:1999:PPL


Sinha:2008:FDB

REFERENCES


REFERENCES


Shen:2009:PBI


SeyedHassani:2019:BIP


Shen:1995:EAC


Shi:2013:TTL


Shi:2009:PAS

REFERENCES

Soni:2019:PMC


Sardar:2017:TPB


Singh:1995:LBD


Stone:2008:AAM


Shu:1995:PIS


Silverman:1990:PPA

Sinclair:1987:ECO

Singhal:1993:TDM

Singh:1995:FPN

Sridhar:1992:RSP

Shin:2014:GSE
Seon-Ho Shin, Eun-Jin Im, and MyungKeun Yoon. A grand spread estimator using a graphics processing unit. *Journal of Parallel and Distributed Computing*, 74(2):2039–2047, February 2014. CODEN JPDCER. ISSN 0743-7315 (print), 1096-
REFERENCES


Yan Sun, Qiangfeng Jiang, and Mukesh Singhal. A Pre-Processed Cross Link Detection Protocol for geographic rout-

**Santander-Jimenez:2019:CAG**


**Skillicorn:1989:GMN**


**Stark:1989:SMD**


**Sheu:1990:QOD**


**Shu:1991:CKR**


pii/S0743731511001614.

1996.0162/production; http://www.idealibrary.com/ 

[SKH15] Seog Chung Seo, Tae-Hong Kim, and Seokhie Hong. Accelerating elliptic curve scalar multiplication over GF(2^m) on graphic hardwares. *Journal of Parallel and Distributed Computing*, 75(??):152–167, January 2015. CODEN JPDC- 
pii/S0743731514001646.

1996.0160/production; http://www.idealibrary.com/ 

REFERENCES


REFERENCES


REFERENCES


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


[SMH+14] Edgar Solomonik, Devin Matthews, Jeff R. Hammond, John F. Stanton, and James Demmel. A massively parallel tensor con-


REFERENCES

Sun:1993:SPM

Shah:2012:ERT

Snir:2003:BPI

Salami:2016:PAP

Stichnoth:1994:GCA

[SN93] Sun:1993:SPM
[Snir03] Snir:2003:BPI
[SNMB16] Salami:2016:PAP


REFERENCES


Saeed:2012:HPM


Schmidt:2003:MPP


Scherson:1988:MOA


Sridhar:1988:UMF


Sridhar:1990:MFA


Storer:1991:PAH

REFERENCES


Sudarsan:2016:CPP


Shen:1990:VVE


Skyrme:2014:SSS


Siu:1995:TMP


Sundfeld:2018:PSD

Daniel Sundfeld, Caina Razzolini, George Teodoro, Azzedine Boukerche, and Alba Cristina Magalhaes Alves de Melo. PA-Star: a disk-assisted parallel A-Star strategy with locality-

**Saad:1989:DCH**


**Shi:1992:PSR**


**Som:1993:NPP**


**Sinharoy:1994:DTA**


**Squier:1994:CTA**

REFERENCES


Subhlok:2000:APM


Sajith:2003:FPE


Shi:2005:LEH


Scheutz:2006:AAD


Sha:2008:CDD


Shams:2011:OFD

Ramtin Shams and Parastoo Sadeghi. On optimization of finite-difference time-domain (FDTD) computation on hetero-
REFERENCES


Saez:2011:LWD


Saghi:1993:PPS


Selfa:2018:ESM


Sundriyal:2013:ESS


Shih:2000:EIG

Kuei-Ping Shih, Jang-Ping Sheu, Chua-Huang Huang, and Chih-Yung Chang. Efficient index generation for compil-


REFERENCES


Shestak:2008:SRM


Shan:2002:CTP


Sivasubramaniam:1994:SBS


Santoro:1988:ECD


Shacham:2007:SMC


REFERENCES


Stamoulis:2017:MBW


Stewart:1995:RAD


Stewart:2017:SCH


Sinnen:2011:CAS


Shi:2012:TSN


Si:2018:PGF

Weisheng Si, Quincy Tse, Guoqiang Mao, and Albert Y. Zomaya. On the performance of greedy forwarding on

**Shimada:1992:RTP**


**Stout:1987:SDC**


**Stout:1990:SIA**


**Strzodka:2012:DLO**


**Shamir:1987:PAL**


**Sukhoroslov:2018:BWB**

[Suk18] Oleg Sukhoroslov. Building web-based services for practical exercises in parallel and distributed computing. *Journal of
REFERENCES


Sun:2002:SVE


Subhlok:2000:OUM


Sanjay:2008:PMP


Struharik:2018:SHA

Stout:1990:IHC


Savage:1991:PGP


Schikarski:1996:EPM


Saiedian:2012:CER


Sagonas:2018:CAA


Swarztrauber:1998:TAM


Swa98

Stolfo:1991:PPR


Shoukourian:2017:AEC


Song:2017:ERT


Shirazi:1990:AEH


REFERENCES


REFERENCES

84–91, February 2010. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).

Shi:2013:REA


Samarah:2018:TAR


Shen:2005:DBI


Szymanski:1995:HOI


Tamada:2018:MEP

Tanimoto:1984:HCL


Theys:2001:WTT


Tatrai:2011:PIB


Taubenfeld:2016:FS


Taylor:1987:RAI


Tay:2002:CPC

Taylor:2005:SPO


Triantafillou:1990:DNM


Tang:2017:MSD


Tai:2007:QDR


Trahan:2000:OSP

Tari:2005:LFT


Tzeng:1992:EAE


Tsay:1996:DLD


Tang:2003:CEW


Tang:2004:AHR

REFERENCES


Tang:2013:JSA

Thaeler:2005:IIL

Touzene:2005:EDS

Tripathy:2015:DTS

Teng:1990:APA

Teng:2016:SCA


Antonino Tumeo, John Feo, Oreste Villa, Simone Secchi, and Timothy G. Mattson. Special issue on Archi-
REFERENCES

Tomlinson:1997:MFG


Tang:1999:APT


Termehchi:2003:POT


Tarafdar:2004:PCS


REFERENCES


REFERENCES


Tseng:1996:ECR


Tong:2018:EDM


Tang:2010:LSD


Tang:2010:RAS


Tang:2012:HRD

Tseng:1994:MRG

Tsai:2018:PMD

Tan:2012:PAA

Talbi:2006:HPA

Torkestani:2010:CWA

Toce:2017:EHL


Trombetti:2006:HPC


Tao:2018:AAC


TorrasI Genis:1989:RNL


Turkyilmaz:2014:RBF

REFERENCES

Thebault:2018:AMC


Tu:2019:HPC


Tong:2018:FCM


Tiwary:2018:RTO


Tagamets:1989:DFI

Thirumalai:1996:ECA


Traffic:2008:OBF


Tian:2016:LSP


Traffic:2009:WPP


Toharia:2012:SBD

REFERENCES

Tissot:2006:ORO


Tong:1991:OFF


Taylor:1997:PMD


Theys:2001:HSD


Tatarchuk:2008:AIM

[TSD08] Natalya Tatarchuk, Jeremy Shopf, and Christopher DeCoro. Advanced interactive medical visualization on the GPU. *Journal of Parallel and Distributed Computing*, 68(10):1319–1328,
October 2008. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES

CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


Tripathi:2017:NCP


Teng:1987:PAM


Tel:1989:HPM


Thanakulwarapas:2015:OBS


Tu:2012:FBD


REFERENCES


[Tze91] Nian-Feng Tzeng. Alleviating the impact of tree saturation on multistage interconnection network performance. *Journal
REFERENCES


Rahman:2018:MAC


Ujaldon:1996:PTS


Venkatraman:2003:SER


Verma:2007:GSP


Vazquez:2019:PEF

REFERENCES

3820

VandeGeijn:1994:GCO


vanderStok:1996:AOR


Varadarajan:1991:ESN


Villar:2013:OOC


Varvarigos:1994:PMB

REFERENCES


REFERENCES

Vin:1990:EDD


Vadhiyar:2004:GGB


V:2018:HAS


Veldhorst:1989:GEP


Veiga:2018:EME


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Wu:1998:EBT

Wang:2016:VDP

Wang:2012:IST

Wing:1993:TVC

Wang:2008:CAG
REFERENCES

June 2008. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


[WJ14] Jing Wu and Joseph JaJa. Optimized FFT computations on heterogeneous platforms with application to the Pois-
REFERENCES


[WL05] Xiao Wu and Victor C. S. Lee. Wireless real-time on-demand data broadcast scheduling with dual deadlines. *Journal of Par-
REFERENCES


Wang:2011:IDI


Wang:2015:CSP


Wu:2000:RCC


Wong:2002:GAP


[WLST16] Shinan Wang, Bing Luo, Weisong Shi, and Devesh Tiwari. Application configuration selection for energy-efficient execution on multicore systems. *Journal of Parallel and


Xuesong Wang, Yuting Ma, Yuhu Cheng, Liang Zou, and Joel J. P. C. Rodrigues. Heterogeneous domain adapta-
REFERENCES


[Wang:2009:PEE]


[Woo:1994:ORA]


REFERENCES


Wei:2002:ESS


Weems:1991:DIU


Wright:1991:PAG


Wang:2013:PDE


Wittenbrink:1995:OPI


Wei:1991:DSG


Wang:2003:CAM


Wu:2011:OSP


Wang:1997:TMS


Weiss:1993:AID


REFERENCES


REFERENCES


Wang:2017:NRM


Wang:2018:PAB


Xu:2000:PDC


Wang:2005:AER


Wang:2018:TXN

REFERENCES


Wang:2017:DLW


Xiao:2007:DAC


Xiao:2008:ADA


Xing:2007:LCS


Xiang:2006:FTM


Xiao:2003:SLA

Xue:2003:AHQ


Xu:1991:MRB


Xu:1993:HMD


Xu:2003:LRA


Xia:2007:DIR


Xu:1995:GDE


Xiao:2011:PMU


Xiang:2018:AVD


Xiao:2006:MAO


Xuan:2018:EOA


Xu:2018:RDA


Xu:2012:MTB


Xue:1997:CMT


Xu:2008:DDM


Xia:2006:IAC

[XYDL06] Zhonghang Xia, I-Ling Yen, Donglei Du, and Peng Li. An integrated admission control scheme for the delivery of streaming
REFERENCES


REFERENCES

Yoo:2010:ISL

Yuan:2015:PCE

Yang:1993:PCM

Yang:2000:PMB

Yang:2004:FPO
Xiaofan Yang. A fast pessimistic one-step diagnosis algorithm for hypercube multicomputer systems. *Journal of Parallel and
Yang:2009:CCA


Yang:1998:POC


Yang:1990:PMB


Yen:1995:PHC


Yuan:2001:PIF

Yanhong Yuan and Prith Banerjee. A parallel implementation of a fast multipole-based 3-D capacitance extraction program on distributed memory multicomputers. *Journal of Parallel and Distributed Computing*, 61(12):1751–1774, December 1, 2001. CODEN JPDCER. ISSN 0743-
REFERENCES

Yuan:2013:CAT

Yener:1997:FTC

Yan:2013:PPP

Yen:2004:MRS


REFERENCES


REFERENCES

Yero:2007:SSA

Ye:2018:ABS

Ye:2018:DTS

Hsu:1997:PEW


Yau:2004:CSM


Yoon:1989:BDN


Yue:1998:CPA


Yaseen:2012:AKB


Yoon:1990:MTP

REFERENCES

1990. CODEN JPDCER. ISSN 0743-7315 (print), 1096-0848 (electronic).


REFERENCES


Yu:2016:ASR


Yan:2013:CPE


Yu:2012:HHC


Yu:2011:HDI

Yu:2008:ICL


Yin:2011:EAC


Yang:2005:RRM


Yang:2007:HCL


Yang:1994:RRM


Yew:1991:SIS

Pen-Chung Yew and Benjamin W. Wah. Special issue on shared-memory multiprocessors. *Journal of Parallel and Dis-
Ye:2013:PBI


Yang:2008:SOC


Yun:2015:IAW


Yang:2018:MDM


Yang:2000:PCO


Yin:2018:ADE


Yu:2009:EPB


Yang:1996:EPP


Ye:2015:DDD

Yu:2015:QMP


Yuan:2011:SAM


Yan:1996:FTC


Zwietering:1991:PBM


Zhang:2005:DPB


Zhai:2017:EEI

Xiaojun Zhai, Amine Ait Si Ali, Abbes Amira, and Faycal Bensaali. ECG encryption and identification based security

**Zarrin:2018:RDD**


**Zahavi:2012:FTR**


**Zaki:2001:PSM**


**Zwietering:1994:MNL**


REFERENCES

Zhu:2017:DPC


Zou:2004:UAC


Zoni:2017:BEF


Zeigler:2002:QBF


Zhang:2012:EIS


Zheng Zhang, Dan Feng, Zhipeng Tan, Laurence T. Yang, and Jiayang Zheng. A light-weight log-based hybrid stor-


[ZH99] Yingchun Zhu and Laurie J. Hendren. Communication optimizations for parallel C programs. *Journal of
REFERENCES


Zhu:1992:EPA


Zhou:2008:RAO


Ziavras:1992:PEH


Zimmermann:1990:TAS


Zimmermann:1996:RAR


[ZLCJ12] Liang Zhang, Wen Luo, Shigang Chen, and Ying Jian. End-to-end maxmin fairness in multihop wireless networks:


Xu Zhou, Kai Lu, Xiaoping Wang, and Xu Li. Exploiting parallelism in deterministic shared memory multiprocessing.
Zhang:2018:MGS


Zhang:2019:CFV


Ziavras:1994:AMS


Znati:1994:UFD

REFERENCES


REFERENCES


REFERENCES

Zheng:2013:SDS

Zsaki:2016:HAG

Zhong:2018:ESR

Zhang:2014:COS

Zhang:2016:DAT
Yi-Fan Zhang, Yu-Chu Tian, Colin Fidge, and Wayne Kelly. Data-aware task scheduling for all-to-all comparison problems in heterogeneous distributed systems. *Journal of Parallel and
REFERENCES


REFERENCES


REFERENCES

Zhao:2013:BRH

Zuo:2003:DRD

Zhao:2016:THP

Zhu:2007:OPD

Zhang:2009:OPR


Zhou:2018:SPA


Zhao:2009:LBS


Zhang:2011:MAA


Zhao:2012:PSJ


Zhang:1994:LME


