A Complete Bibliography of Publications in *Future Generation Computer Systems*

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

05 February 2019  
Version 2.75

Title word cross-reference

\( (L, \alpha) \) [SLW11]. 10 [ABB+03]. 16 [Goo01]. 2 \[AKB18b, CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]\]. 3 \[AKB18b, CPD+15, CH95, DJH+19, EMB98, EdBG+99, IdLR01, JHL+06, KCK04, Kni89, KA88, MJ98, MJ06, RICW00, SGL99, SHN10, VF18, WKF03, XYZ05, XJY+18, YMM00\]. 4 [Avg00, DMM+99]. **$47.50** [Teb86]. 5 [AT19a, DPK+19]. 80/20 [MRH17]. * [PYH+18]. 2 [LG08, OSCY93, WWT+16, ZY04]. 3 [LHM14]. * [DGS99]. 3 [TMDZ15]. \( D \) [PP06, SW02]. \( D_2 \) [DRS04]. diam(log(diam)) [SW02]. \( \ell_1 \) [Tre03]. * [GPS13]. \( K \) [LZY+19, PLL+18, ZCJ16, MLW+18a, PSLZ18, Pan95b, SAKOK03, STA17a, TDBR18]. \( \lambda \) [LJIY04]. \( M \) [YH18]. AVZSPA [BGC+03]. \( \mu \) [JD94]. \( N \) [Ref87, RW18, SvAS01, ZXM+19, CFL+18, Pan95b, SAKOK03]. \( Q \) [CLL+18a]. \( R \) [CPK05]. \( R^2 \) [TY11]. \( T^2K^2 \) [TDBR18]. \( T^2K^2D^2 \) [TDBR18]. \( \tau \) [RGDML16]. \( u \) [HZM14].

* [Vin16]. *AIDA* [WM14].

Expression [Ref87]. fuzzifying [YH18].
-gram [ZXM+19]. Learning [CLL+18a].
Lop [RGDML16]. means [LZY+19].-opt [VAS95]. orthogonal [PP06]. phase [CEGL01].-pillbox [HZM14].

.NET [AW03].

06 [Igl07]. 0th [RCMT18].

1 [LF95a, PZY16, Sap88]. 10 [MGH+05]. 100 [KSW+13, SW06, WLRL18]. 1000 [SSMG95]. 123 [vdR86b]. 1983 [Ano84k].


3 [LC17, YTHY84]. 3.0 [VEET18]. 3/512 [Cro95]. 37C [Cha14b]. 3P [CGSZ95].


512 [Cro95]. 57.50 [vdR87f]. 5th [BYV+09].


72 [HYS18]. 7th [BGL08].

84 [Ano84c]. '85 [Ano85a]. '86 [Ano87j]. 860 [FHG95a, FHG95b]. 88 [NDZ+18a, NDZ+19]. 8K [KSK+11].

90 [AB19a]. 90s [Dub91]. 92 [GD93a]. '97 [Kaa98].

AAA [GdLvOT03, KKK07, MLM16]. AAA-based [MLM16]. Aachen [BLB03].
anService [GMP+17]. ABC [JFZL17, XLW+17]. ABE [HQZH14, ZSW+18]. ability [PIK02].
Abnormal [LSL+15, CXZC18, RJS+19, WLZ+14, ZCZ+18]. abnormality [GRS+19]. absolute [HKP10]. Abstract [CPB00, DHS00b, GGC17, Ném00, AC92, BM00, DDV92, DSH00a, DK00, FTD17, WG00, dB90]. abstracted [AAD+13].
abstraction [AFS16, KSM+07a, KSM+07b, MRV01].
abstractions [Kea99]. abuse [JSMG18, QRW+18]. AC [HMW14].
Academic [Teb86, vdR87f, vdR87i].
accelerate [RGCCL18]. accelerated [HSP+13, LXX+16]. Accelerating [FRB+14, VBLS09, KKL11]. acceleration [AFB+15a, HZDS19, VF01].
Acceptance [SAP17]. Access [BL13, BX04, DCMB15, HRR+14, WZC08, AS99, ASAA18, ABF+03, AMHJ10, BR18, BCW01, C909, CJK+18, CMM+14, CdRRdCB19, DW11, DAM08, DLDTGMMP16, Dog09, FAn11, Fx07, FS18, FSt+18b, GHM10, HZL18a, HLC16, KRD+19, KIS11, LLMP13, LXX+13, LH017, LLW+18a, LHC03, LZZ18b, MAC14, MYHZ18, MYBMM18, MLM16, Mer13, NRV+17, NJ16, NA19, PFRC16, PSVL02, PH07, QGT+18, QCX18, SMSF18, Sin07, SCL14, SYK+17, SZR18, VPP+19, Wai84, Wai86, WC06b, WC06a, Wan18a, WG13, YXXG18a, YAX+18, ZZ15, ZCL+18, ZDW+16, ZFH+18, ZSL+19, ZMN09].
accessibility [DFG+00, RMSPP17].
Accessing [CLL10, YSC+15, YCY10].
accident [MCA02, PW+18]. account [Igl07].
accountability [HCL+17], accountability [Wan18b, XX14]. accounting [BBC+12, PGPW09, SRG+03]. accounts [LZP+18]. Accurate [TM+19, BBL+05, FZ+18, FWB13a, FWB13b, IDM+16, KSAOK08, MAPA19, NS17b, WN10].

Accurately [CP+18]. ACEIS [GAC+17]. achieve [CW+04]. achievements [Ano87, Nis93]. Achieving [DW11, GE90, JLC18, KGR13, LSL05, TSWL17, VPP+19, XX14, ZZX+19, HRJ+06, NJHT11, WCL+17a, WHS+18].

ACID [KJI+11]. Acknowledgement [Ano07, Ano08, Ano10, Ano11a, Ano12a]. ACM [BGL08, KZ17]. ACO [GPJC17].

ACO-based [GPJC17]. Acoustic [KWK+18, CJG+18, FZW+18, HAAWH+18, HST+18, TSD18, WCB+18, WTP+13].

acquaintance [RQ+19]. acquisition [BDZ13, XYLZ18]. across [BCP+03, CTB+12, LZF+18, LLM+16, LSMV+13, PBC+01, SG+17, SFR15, Sin07, TMMV+12, UNM+16, WTR+13, ZHZ+16, dLFV+14, SMSF18]. action [Cad86, GdBW06, KFP+02, vDDB+98]. actions [ABG18]. Activated [SH+06].

activation [SSZ+17, ZBL+14]. Active [BB+05, CCK+04, KMI11, SFR15, STC15, BGL+05, FGG13, HCO+99, LQK+16, MTKS+00, XFL+16]. ActiveSort [LQK+16]. activities [TM+19, dLFV+14, vDR+77].


adaptability [HRW+18, MC04]. adaptable [GLC+04b, MKE19, PMLVS+13]. adaptation [AK+18, CLNR+17, FTD+17, FA+11b, PWB+13, PSBB15, Reu03a, SJ18, SGH+08]. adapted [JLU+03]. adapter [ZL+16].

Adapting [AG+05, SPR+10, SJ12, JLRS+18]. Adaption [SLS+09, FM01]. Adaptive [Ada06a, ABF+93, AS14, BML+18, CJG+18, DP17, EP12, FN00, GRH+05, IDC+11, L+17a, MCJ+19, MBS+18, MYK+16, NP03, PIP18a, QPTTG+12, RT+16, TPBS+14, UG+17, WLA+18a, YMD+13, Aba09, AS02, AEM+18, BM+01, CZT+15, CQW+19, CST+92, CPD+15, CFMC+19, CLL+18b, CS05, CX+18, Cho04, CB10, DZ04, DST+10, DFG+19, DDD+17, DFRW+17, DHL+18, DLS+12, ESW+17, EKS+14, FTH+16, HHS+14, HAP+15, HW+08, HXC+18, HJK+04, KKL+12, JNR+12, JS+19, KBB+14, KJ+11, KSA+03, KSA+08, K+10b, K+18c, KU01, L+12, LHM+14, LSTV+07, LSL+18, LW+18b, LK+17, MdFTG+19, MJRM+16, MAA+19, N+04, NDZ+18a, NDZ+18b, NDZ+19, NQQL+13, PdAF+12, PNZ+14, PPB+16, RSR+01, SMG+18, SLW+01, SYL+18, TJZ+15, TSK+05, VR+05, WCF+15, WXZ+18, XLL+14, XWR+19, YP+12, YDD+18, ZCK+15, ZBL+14, ZAC+18, vWMS+14]. Adapтивно [YPC+12, CLH+10, JDW+14]. adaptivity [SOR+05]. Addison [Zem86, vDR+77].

Addison-Wesley [vDR+77]. address [ABF+15a, DL00, GFD+14, SVC+07].

addressable [De 88]. Addressing [HNC+13, ZL12, BFS+17a, BFS+17b, DvdHd+16]. adequacy [CMS+18]. ADIC [HNS+05].

Adjoint [GKS+05, HHG+05]. adjusting [Lea13, YYW+09]. adjustment [HPLL+09, LNJ+04, T+18]. ADL [Bae14]. administration [ML+93]. administrator [HY+09]. admissible [QPTTG+12].

admission [Che13a, IS18, KLM+03, MWPV+12, SMA+08]. adoption
Advances [CLCY18, DPD18, FBS18, KGVW14, Pa16, TCG14, WQ14, ADLW12, BB12, CSC18, HMS15, KA13, MGL18, YHA19, ZCYZ18, vdR87b, vdR87a].

advancing [GDP18]. Advantages [SW17].

Advantage [Ano05e, AMHJ10].

Adaptation [BCMM18, NK18].

advisor [CRTN17]. advisory [BDE17].

aerodynamic [BBC19, LKG08]. aerosol [XAW10]. Aerospace

[LPC19, Mur95, Pet89]. AES [FAA18].

AF CET [Ano85a]. AFCET-Informatique [Ano85a]. affairs [LLW18b]. affect [PKA19]. affect-related [PKA19].


Against [SCH17, IDK19, JLI14, JCL15, JSMG18, KIAD17, KdpG19, NNC19, QRW18, WLYL11, XWRZ19]. Age [TBS18].

Age-related [TBS18]. agency [NTN86].

Agent [FR08, TA96, BDP11a, Bar11, BGML17, CTT08b, COC10, FCY18, GJK18, GGS13, HB08, HKG16, KMB17, KVK18, Kim14, KB16, LBD18, LJ17b, LL03, MJ00, NWE04, PSA09, SSG17, WWX17, WXZL11, WWZ18, FM08, Gra92, LWH07, NMC05]. agent-based [BDP11a, BGML17, CTT08b, FCY18, GGS13, HB08, HKG16, KVK18, LBD18, MJ00, NMC05].

Agents [KSS11, AMH02, ADH16, CWD04, CSJN05, ESP01, GW003, HQ07, KRLR01, KFBD14, LCZR12, PBV13, Sch00, SMS14a, UTT00, VRGR16, YP12, BMS05, WL00].

Aggregated [CFP19, GLB18, JSC15, LLL18, Wan19, YFY13].

Aggregates [NC89]. Aggregating

[SB17b, HQ10].

aggregation [BMZ10, CLR16, CIK10, CXC08b, CFY18, GJS13, HB08, COC10, FCY18, GJKP18, GGS13, 19, QRW19, AZ18, PB18, AQHR18, APK18, IOV18, KLW16, LM07, LKA08, ML18a, MBRM16, ODK17, PRS12, RZ16, YKL07].

Agreement-based [PB18].

agreements [BSC06, LLL18]. Agricultural

[ZL18, CZH18, HPZL18, LBJ18].

agriculture [APK18, Bnj16, KHS89].

ahead [Eng14, WYBS11]. AHP

[ABMM18].

ai

[Pud87, CES19, Fuc93, Lau92, Mj00, Oku92, Poh87, QLM18, TC92].

AI-augmented [CES19]. AI-based

[Lau92].

AI-enabled [QLM18]. Aided

[dRSBH94, LYL15, MGA18]. AIE

[QLM18]. air [LLN18, ZWX18].

air-land [LLN18]. airborne [HYS04].

aircraft [TYWZ18]. airfoil

[BBL05, GKS05].

Airport [RdSH00].

AI

[BFPG09, ALP02]. AKL

[HJ02].

al. [RLM18].

Albatross [KMB12]. alert

[NJHK13, SSB13]. alerting [MVL18a].

alerts [CPP16]. algebra [BFR05, BCG05, Da03, DHD03, Ig07, JLR07, Lop03, MKM11, PH94, WZ16, vdV89a].

Algebraic

[Che13b, MdOO17, SSC04].

Algorithm
algorithm

[RICW00, SR12, SGRT19, SOD18, SPD+19, SK04, SC00, SMA08, SCK+00, SO98, SVB07, SYAL13, SLB+17, SJL+18, TDFZ18, TLL+11, TJZ+15, TZL18, TMT+07, TWW+18, TdP+17, VaDp12, VPT+15, VAS95, VMN+18, WYSB11, WCL+17, WJZ+17, WDD18, WWZ18, WNR19, WZ18, WLA17a, WLA18a, WCC14, WWZ18, XY15, XRPT18, XH+19, YWCC18, YHL+19, YZW18, YSZ18, YJP19, YDF+18, ZRG18, ZWL13, ZBL+14, ZRZ+14, ZL18, Zin18, ST11, SM01].

Algorithmic

[CCG07, GTEL+18, AB18a, Hab05, WM14, Yos09].

Algorithms

[ABMS05, Ber06, CCGMF18, DHD89, MJDN15, RGCL18, ANE13, ACW19, AT01, AGKZ18, AB16, BPS06, CCLMG+18, CGM+18, CFG93, CSQ17, Cuz14, DE03, DP03a, DQ97, DRNMC09, Din99, Dog09, DMW04, DBT00, DDS00, ET08, ESPN17, EP13, FK12, FGM11, Fio06, FM10a, GRH05, GJS+94, GODM98, GA06, HLvL+97, HKS18, HZ10, HV03, JS89, JOSD19, Kha12, KKP+05, KGT15, KVHT10, LR01, LLC11, LCW+18, LCG08, LC01, MCA+18, Mer17, MVCC10, NAD+18, SF19, SC16, SG13, ST99, TLYT05, VSDD13, WQL10, WWT+16, XWJ+16, XLW+17, YJA03, YFY+13, ZGV19, ZLG+14, ZAC+18, LOJ+07].

alias

[MYWC12].

Alignment

[MFE+08, CS05, KKvdB+17, KSM+07a, KSM+07b, Sch01, YD05].

all-by-all

[BORM07].

all-optical [Pal06], all-to-all [ZTKF17].

allocate [DV13].

Allocating

[DFC13, DV13].

Aligning

[DFC13].

Allocate

[DFC13].

Alleviate

[DFC13].

Almost

[DFC13].

Ambiguous

[DFC13].
AMROEBA [MGYC06]. Amsterdam
[vdR87c, vdR87e, Ano86i, Ano87b, Ano87c, Ano87l, Baa87].
analyse [Bel16].
[MGYC06]. AMROEBA
[Ano87l, Baa87]

Analysis [Bel16]. analyses [AtC+16, GCBM17, JHC10, OdOD+13, SBA+17].
Analyzing [AFP92, RWV+13]. Analysis
[Am17, BBC+17, CMEA+19, KVR15, KCH+13, KKA18, Li15, LRYJ17, MCA+18, MG16, SAKOK03, GGY+07, SB11, WTG+14, ASV+13, AS02, AB18a, ABB+03, AMW09, ABG17, ASYF18, ABK04, AGKZ18, ATX13, AEME+18, BCT+07, BPP+07, BSSR18, BBC+13, Bo19, BPS+03, CSV+12, CA15a, CP06, CCRV13, CFM17, CGIP14, CPE+17, Cha15, CHC+17, CLL18b, CRYG18, Cho04, DMC+19, DZ18, DCBF19, DDMPG17, DMM+18, DNW+19, DDL01, DMM14, ETR+13, FAM+18, Fah98, Fer13, FNA12, Fio06, G107, GMX10, GAB+14, GL05, GHP+18, GLNT13, GBY16, GRMSOG18, GPJC17, GRX19, GRS+19, HHL11, HNP05, HKM+06, HPP+18, HAM18, HMW14, HLL12, HJK+04, IPCA+16, JBC16, JAA09, JSS+99, KZL06, KPS18, KN06, KCV11, KV03, KU01, LGPC19, LSB+18, LOR+18, LWW+18, LCH+18, LOK09, LGMV02, MLL15, MZH17, MZP+19, MT17, CSA+19, MK19].

analysis [MBA12, MMC+18, MSM+18a, MBL+19, MOK06, MLZ+00, NJW+06, NKP16, NJ17, OKF10, OCCK14, PVN+12, PBL+18, PH07, DLS14, PTM+18, PPS+18, Qin07, RJJ+19, RL98, RS16, RAA+18, RLM18, RGCL18, SP18a, SOR05, SOA17, SHN10, SGX17, SWW+13, SLS+09, SAG19, SK06, TSD18, TBP+10, TLS17, TSGVRG19, TBNF09, VCL+19, VBS09, VR18, WJS+18, WDJC18, WXZ+18a, WZH19, WSS+09, WZL18, WBF08, WLA18b, WZ16, WWA19, WLZ+19, XFTZ16, XL19, Yam89, YPCK12, YPJ19, YN18, ZZDM+18, ZZS+15, ZWZ18, ZWKL18, ZMZ+19, ZCZ+18, ZWJ04, ZXL14, dACAM13, DDJ+13]. analysts

[SOA17]. analytic [MMVP13]. Analytical
[AA07, ZY04, CPGBC16, GS13, JS13, KSAOK03, PBA18]. Analytics
[MGL+18, PN13, ABD+19, ADLM18, BA17, BMP+16, CZXL18, CHP+17, DP19, DGCGH+17, FSV+19, FFGP+19, FRM+18, GQLX18, HHZ16, IHA18, KPB18, LJ19, LRC18, MID16, ML19, MDT+18, Osm19, SSA+19, WSQ+18, WHY18, WLFH18, XWZ+19, YSM19, ZZH+16]. analyze
[BPAP92, RWV+13]. Analyzer
[AT01, CRB+16, CBLS13, HSB+18, PLL+18, HHD+12, UZ11, WML14]. and-or [GC94]. AND-parallelism [ZS09]. anddata [CC98]. anddata-parallel [CC98].

AndrODet [MdFTGM19]. Android
[GMC18, XWRZ19, DMM+18, GMCM16, LLW18, MdFTGM19, MRL14, SGS+18, WWH+17, WLL+18, WMJW18, ZCQ+16].
ANEJOS [SM01a]. Aneka
[VCKB12, CVKB12, TSB18]. anesthetic
[WWA19]. aneurism [HORC04]. ANFIS
[BBMG10]. angioraphic [RICW00].

angiography [DGA18, RDSA18]. angle
[ZX16]. angle-based [ZX16]. Angular
[DJH+19]. animal [KSI18d, Mor01].

animation [NMA00]. animations [DK00]. anisotropic [KZC04]. ankle
[Bo19].

Annenealing
[GDM98, VSVdD95, Cha11, SZ09].

Annealing-based [GDM98]. annotating
[AAF18]. annotation [GMP+16].

Announcement [An08b, Ano87a, Ano93b]. announcements [An093c]. anomalies
[FPR18, RKB18].

Anonymous
[HZW+16, ZGV19, AMI16, BS17, FJ18, GNGG17, VSB19, WWZ18, WZX+18b].

anomaly-based [VSB19]. anonymity
[AMQ+19, OPP00, TVV13, WES+18, YHL16]. anonymization [KC19, NK17].

Anonymizing
[ZLL17a]. Anonymous
[FHZW18, WWDF18, AIB+18, LHM14, LYL15, MLC+18a, VCD+18, YZL+18].
answer [YLG+16]. Answering [ZLXZ18, LLYW19]. Ant [DBT00, DDS00, SH00, TRFR01, TA18, CCL09, DS04c, FZHH14, MA02, TV16, WZ13, ZHHQ18, Gut00, PW09, PT16]. anti [BBH18, CMZ+18]. anti-collision [CMZ+18]. anti-unification [BBH18]. Anticheetah [DLMS15]. Anticipating [Lea15]. Antipolis [Zna94]. ants [MVS00, MC00, WLB00]. anxiety [TCH19]. AnyLogic [BKK02]. AODV [ASAA18]. AOFAS [Bo19]. APA [JNR12]. Apache [CSG+18, FPR18, HSV+17]. Apart [GMM18]. APHID [SGKCI10]. API [BC17, XLL+18a]. apicalis [MVS00]. APIs [BBC+17, RMJ+18]. App [PS13, CMVA18, WWH+17]. Appearance [RSY+18]. appears [Hen87]. appliance [FTK17, KT11]. Application [BB17, BR18, BHRT98, DRNMC09, GEAI13, GRS+19, GZZ+18, HM17, JNR01, KMJZ16, KKKJ10, LOR+18, LRM19, MED16, NB04, PaDAM18, PKC+05, RMDB18, SCL18, SWW+13, SCLI14, SBA+05, TKT+08, WMBV17, YWA+89, ASW11, ANG+19, AHP16, ASTEP98, AKP01, ABB+03, ASI14, BMS05, BMFC07, BWR12, BKK11, CPDJ13, CHJS+10, CPE+17, Ciu10a, CRB+16, CGS205, CW03, CDSR05, CZL+18b, DDV92, DFGR14, DmD10, DF07, DR05, GVDT16, Gra92, GMCM16, GMCM18, Hab05, Hir89, HLH11, IG12, JNHL18, JEB18, KANS18, KOT18, KMK+14, KKA18, LN18, LW08, LZL+12, LP+13, LBB+19, Low05, MM03, MSM+18b, PO00, PAL+19, PGTB18, PPJ95, RBN13, RSS99, RVC16a, RPMG10, SRZ15, SM03, SEMJ11, SAMN02, S18, SDdMM96, Si92, SSL13, SLT+09, SLZ95, TDFZ18, TOD17, TMW+17, VTTK17, VCL+19, WLYL11, WWD+14, WBF08, WLH+19, WLY+14]. application [YZWG18, YY11, ZJW+14, ABS11, BBC+99, FCD+14, MS01, YPF05]. Application-aware [RMDB18]. application-based [WWD+14]. application-layer [ZJW+14]. application-level [BB17, BR18, BHRT98, DRNMC09, GEAR13, GRS+19, GZZ+18, HM17, JNR01, KMZJ16, LRMS19, LBB+19, RPMG10, SRZD15, SEMJ11, SSL13, WLYL11]. application-specific [DR05, KANS18, WBF08]. Applications [Ano86i, CHK98, CSP98, DDM+08, KLM+05, MG18, PN13, RC18, RC19, WHW17, ZZLR18, ZYA+18, dRSBH94, AHS+18, APAZ17, AOIS10, AW03, AB01, AUSA19, ACH+11, AKCY+17, ATJMZ02, ABS+18, AASI17, AHA+19, AHI11, AJY12, AD00, Ano87b, AB16, BMRW01, BBFW03, BGG14, BKS+18, BC15, BC17, Ben99, BPS06, BDNP13, BB06, BKSS02, BLAV06, BCW01, BCG05, BFK02, BFW+03, BGK+05, Buc05b, CGN18, CGCB+12, CVKB12, CTVB12, CVT19, CLCMG+18, CPGB16, CSdCM+17, Car03, CSW06, CRVZ15, CBK+01, CA15b, CMZ05, CCL11, CES+19, CXL+17, CW13a, CGL15, CGSV17, CCHW03, CN98, CRM05, DZ98, DHB02, DST10, DST14, DMG+08, DFG+00, DMM+18, DPL14, Dub91, EAS+18, Eaed18, Emcb98, Eet18, Eo86, Emj13, Eca+18, EKGS14, ETR+13, FG18, FTP14, FRM+18, FHM+99, FS07, FFC12, Fr14]. applications [FM10b, FdSC07, FSP+18, GVURIVB14, GBS10, GAW+18, GDH19, GHW94, GHEB+18, GJAP18, Gls55a, GkW+12, GMA07, GMB+05, GIM16, GIki18, GVD+03, GPS+17, HY09, HGG+14, HC17, HRSW99, HPGMM18, HKPT10, HXA+17, HWW11, HSC15, Hua05, Hum92, HMC06, Ig07, IDCJ11, JOPW14, Jp18, Jlq18, JmAG19, JBP+18, Kt08, Ka09, KZL106, KMB16, KKW+18, Kk19, Kz14, Kc14, KST92, Ks02, K018, KMK09, Kmu19, Kbo0, Kas+18, Kpp0, Kbo09, KKK17, KKKM18, Lb03, Lc04, Lj11, Lmz+14, Lry117, Lc14, Lzy13, Lzx16, Lbb+19, Lzhy19, Ls08, Luk00, MTN08, MBB10, MFN13, MWC+03, Mam09,
MVRM08, MAJD18, MZC08, MZC10, MLD08, MVT+99, MM08, MAD+16, 
MSM+18a, MTH+05, MDD15, MRL14, 
MMPF19, MLZ+00, MMRL17, MVC+13, 
NF13, NAGD18, NS10, NHG06, OS01, 
Pal06, Par94, PKY+17, PC17, PMPC13].

applications
[PBHK01, PA01b, Pro07, QCYJ17, RRS10, 
RBJ+13, RBS93, RMCN+10, RVC16b, 
dRRR+18, dRRdQGR+18, RSJ+14, 
RBC+15, SHN10, SBHD08, SG05, SBAD+18, 
Ser95, SY04, SD06, SPR+10, SJ18, SNC18, 
SB17b, Sip12, SSKK13, Šk14, SL07, SPM86, 
SLJ+06, SG14, SSC04, SPEW09, SSK+08, 
SSMG95, SVN10b, TQZ18, TKA+18a, 
TVB18, TAHS14, TJLT00, TBB+17, 
TCB18, TS18, TGM+19b, TSAER18, 
URKM19, VCKB12, VETT16, VSKS19, 
WYBS11, WTM+17, WJS+18, WY17, WS05, 
WL05, WCVL12, WBKL16, WOPW13, 
WG13, WWT+16, WHYZ17, WPS+18, 
XLYZ18, XLL19, YHJC05, 
YNMS14, YFY+13, YWCC18, YJHZ14, 
YL+06, YL16, ZME+15, ZZ15, ZCK+15, 
ZCS+16, ZBB09, ZMS18, ZBF14, dSFP+17, 
dFPG19, dKdOS03, vdRs87c, vdRs87d].

applicative [OBK88]. applied
[DDJ+13, KG01, MGMT18, SSFFR19, 
Szu99, WAE06, ZPPE17]. Applying
[CFVP03, UB07, ACM05, KN+18, MSE19, 
NWE04, OCDAM07]. Appraisal
[Tie93, vdR93b]. approach
[ABZK15, AR18, AEGF+01, ACSdRR17, 
AGP+92, Ale97, AVP17, AL18, Ano12r, 
ASY+18, AB17, AB18c, ATX13, AMR18, 
Bae14, Bae16, BBWB+18, BRXsd11, 
BFS+17a, BFS+17b, BF01, BRS04, Be16, 
BRH18, BAC02, BMZ10, BRB19, BCP03, 
BVDF00, Bu18, CQW+19, CGCB+12, 
CWJD19, CCRV13, CA13, CFG+19, CPK05, 
Cha11, CES+19, CAL+18, CMP+17, CM99, 
CGM+19, Del06, DSo0, DHW+17, DAM08, 
DA16, DV13, DLDTGMP16, DMM11, 
DC18a, DdM10, DLXR14, DPL14, DC00, 
EG18, ED04, ECA+18, FTK+14, FJL+16, 
FEPC18, FPPD14, GKI05, GHEB+18, 
G AJP18, GNGG17, HAAH05, HO17, 
HDKC18, HHL11, Ham17, Ham19, HZC10, 
HLYW17, HSBE19, HBH09, HHK+16, Ho93, 
Hua10, HQ10, HZH2, JLCC12, JS13, KSS11, 
KZA+18, KTKN11, KKB14, KJ11, KA08, 
KK14, LBD18, LY17, L90, LC05, LJJ13, 
LXL+17, LPY+18, LYW+18a, LDJL19].

approach
[LRMS19, LWS+12, LSL+15, LHW+18, 
LCCM18, LKJ17, LGMV02, dSMAAdR+17, 
MD92a, ML11, MDOO+17, MCT+09, 
MZZ18, MEBA12, McC96, MLD08, 
MSBA16, MHZK18, MBL+19, MC04, 
MSS+16, MAB+15, MSM+13, MMRL17, 
N017a, NS07, NJH+18, NGB18, NJKH13, 
Nos98, Pal13, PC17, PNZ14, PSY+19, Pon19, 
PDW+11, PPB16, PPJ05, PA01b, QZD+18, 
RAJK18, RGN+18, RDSA18, RLP12, RW18, 
SBCF16, SFSR19, SD18, SB97, SZ12, 
SMS14a, SCZ+19, SG18, SCMS12, SBA+17, 
SMM+14, SKS18, SLL+17, SAC11, TV16, 
TOS18, TMS+17, TCCW19, TC92, UZ11, 
UPP17, Var03, Vau93, VGBLGS+06, Ven08, 
VW16, WN10, WXZL11, YAO14, YP12, 
Yos89, YZ12, ZBCT17, ZYB+18, ZZYY16, 
ZS90, ZWJ+18, ZLo46b]. Approaches
[GTFL+18, HXL90, ALK15, BMU18, 
BL06, CMS+18, DL03, EDH+13, Hab05, 
HHS+18, Me05, MOFGP18, Pe95, SGG19, 
STP+05, SB11, SNX17, TAHS14, ZZN04].

Approaching [CAC+10]. approximate
[DK14, FZT+18, GPS13, MM03]. approximating [SK04]. Approximation
[Th06, BTG19, SC16, Tab06]. approximations [Gue01]. apps
[AMRM18, DC18b, WIW+18, HXC+18]. AppTCP
[WWD+14]. APT [DC18b]. AR-RRNS [CBT+19]. arbitrary
[kHsZwJW18, JLL17, VMSRM12]. archaeological [LKK+16]. ArchaeoSTOR
[GML+13]. archaeological [GML+13]. architect [GLSV07]. Architectural
Architecture
[ACC+19, CBS17, FP03, GLM+12, Ger02, Her84, HKT94, MBMTJR18, RSWV88, SCL18, ZDL+13, ZLG+14, AK3+01, AG2, AdJ+14, AGP+92, AMW99, BBC+17, BLO+18, BBC+05, BCC+17, BRH+18, Bhu95, BGL+05, BDH14, CSM+19, CDF+05, CBK+01, CJ14, CWW+13, CWW+16, CS96, DVD12, DGC+17, DJ3+13, EDH+13, ES94, FNA+11, FRM+18, GDJ+13, GD10, GD05, GIK18, GSV+17, HIA+18a, HDO16, HHS98, HO02, HML07, HML09, JYY+17, KSI1, Kat04, KB18, KLL+04, KKK07, Kim07a, Kim07b, Kob92, KGLA85, LG08, LBJ+18, LIW+12a, LKN+13, LFP+17, LHL03, LRC+18, LBH+16, MH01, MVL+18a, MPCA+15, Mar90, MPF+16, MRH17, MHA08, MPP+09, MRS+18a, MUr88, Né000, OBK+88, OPT09, OBG+18, PO00, Par06, PSW+14, PSR+07, PSA+09, PBC+11, PPM+18, PML+13, PSS01, PSBB+15, RBGA+18, RHPV+17, ROC+11, SA07, SZC05]. architecture [SSS02, SGKC+10, SP18b, SD03, SHJ06, TST+16, TJL+00, VET+16, VDK12, VFB+14, WSH+16, WZ+16, YA+15, YS+16, YCX05, ZMP10, GMFL08]. Architecture-based [ZLG+14].

Architectures
[DO15, HYZ+16, HV84, Pf99, TKRA+14, VDK12, BFL99, BSC+06, BP+18, BW95, BPC+14, BS+05, CA15a, CG+14, CG09, CP+14, CCL11, CPS+14, Din91, DLH+17, DDB+14, DM12, EBC+18, FCC+12, GIl85, GRCP+17, Her87, IS+18, IGB+14, JPB17, JBA+94, KM+94, LX+13, Lop+06, Lop+93, MAC14, MCA+18, MSLP93, PSP+16, Pa13, PCC+18, PPPS18, RC18, RC19, SGdMM96, SMBT+18, TR85, UWV+92, WBT+05, ZMN99, dLB10, vM94].

archive
[Fin99, GML99, ILJ+08]. archives
[AMW99, HC99, SB99]. archiving [PCM99].

Ardent
[LM90b]. Area

[AS18a, PP10, AL14, GGH+06, GGSZ09, GG10, HLYW17, LC+13, LRJ+06, LWSC+07, NAG+18, OS+01, PSV+02, RR99, SCS+18, VBL+09, GZ+19, vdR87]. areas
[Ha05]. arguing [Sc00]. Argument
[SWC+95]. Argumentation
[DK+18, OAMS18]. ARIANE
[BPA+92]. ARIANE EXPERT
[BPA+92]. Arigatoni
[CCL98]. arithmetic [FGG03]. ARM
[OBG+18, RR+14, SGN+17]. ARM-based
[OBG+18, RR+14]. Armada
[GK+02]. ARMCO
[PPB+16]. ARMOR
[MML+18]. arms [Poh87]. Arranging
[Leo98, GvdBl+15]. Array
[CCK+92, VV+92, Mur88, Pan+95a, PHL98, WHZ+10]. arrays
[Du+89, EFD+00, Van92]. arrhythmia
[SD+18]. arrhythmias [AFO+18]. arrival
[MR+19, WML+14]. ARS
[TSK+03]. art
[CSS+13, LCC+19, SJV+15, Van87b, VLC+03, dCTVC+18]. arterial
[DK+06]. arthroscopic
[Bo+19, WWS+98]. Artificial
[All+92, Ano84e, Kow85, S+87a, Ano86l, B+MY+10, Che+18, CZL+18b, EDO+4, EO86, GJK+18, HWX+18, How+91, HLI+18, J+98, KRL+01, Kow84, S+87a, Lop96, MGA+18, Niu+89, RBC+88, Wii+84, XLI+17, YZW+18, ZZN+04, vdR+78, Ano87b, Ano87c, GKT+15, vdR+78]. artistic
[UN+16].

Arts
[BHD+19]. ary [Pan+95b, SAK+03]. ASA
[SC+17]. ASPIN
[AB+15a]. Aspect
[MQV+19, MZP+19]. Aspect-based
[MQV+19]. aspect-level
[MZP+19]. aspects
[AR+18, BBvBe+11, BCP+03, CSL+18, LLRS+94, Lop+03, MZP+19, MZC+10, QCD+16, RGH+01, WM+14, vdV+89]. ASPEN
[LM+90a]. assemblies
[RS+18]. Assembly
[KM+01]. assess
[FFG+19, Kim+18]. Assessing
[SG+15, ZGS+13]. Assessment
[PM+04, dPG+16, AB+19a, ABG+19, AJ+19, ACS+18, BBC+17, FJA+18, KHG+18, LCPC+19, MLZ+00, PRS+14, PB+18, P+19, Z+14]. Asset
[PLL+19]. assigning
[HCL+17]. assignment
[ADBO18, AAM+16, DLXR14, FGW+19, KMT14, LTC12, LXD17, LHC03, MC00, RS17a, RN01, THKG98, TRFR01, TdPF+17, VAdip12, Var03, VTTK17, WZM+18].

ASSIST [Ueh89]. assistance [Ohy89, SOR05, SJDZ09, Tak89b, TD95]. assistant [FGW+19, HIA+18b, KFF89, LCMX16, SNC18]. assisted [BD+10, CCR99, FKT14, FFL+19, HMA+18a, HDLW13, LCC14a, LKG08, LNY+18, LYL+19, NDA+19, RSK16, TMB+19, WXLY15, WXZ+18a, ZYY+18, WLML17].

attacking [GSC11, LLW18]. attacking [HMMW19, NSI84, SSZ18]. attacking [CC98, HMMW19, NSI84, SSZ17, Ami90, CMP+17, WGL92]. assurance [BS99, SGGCR19]. assurance [SNC18]. assurance [BDS+19]. assurance [HIA+18b, KFF89, LCMX16, SNC18]. assurance [AGKZ18, GBRM18]. assurance [AN+85a, Ano89a, Ano90a, Ano91a, Ano92a, 17].

astronomy [AVPV17, EBOY14, LHW+18, RAKJ18, SA97, XL19, ZDW+18]. associations [GJ18, KZCW13]. Associate [CC98, HMMW19, NSI84, SSZ+17, Ami90, CMP+17, WGL92]. assurance [BS99, SGGCR19]. assurance [SNC18]. assurance [BDS+19]. assurance [HIA+18b, KFF89, LCMX16, SNC18]. assurance [AGKZ18, GBRM18]. assurance [AN+85a, Ano89a, Ano90a, Ano91a, Ano92a, 17].

astrophysical [LKA+19, MGYC06, BAD+05]. asymmetric [CRYG18]. asymptotically [CKR04]. Asynchronous [SM01b, AT01, CCL11, DOV01, ESFD06, MMR02, PSS17, Pap05, WHC18]. asynronously [SLG+17]. ATLAS [JLRS18, KVR15, KMCH03, Uch86]. ATM [MK04]. atmospheric [LN18, PPZ12, WZJ+17, ZDL+13, AKMK05]. atom [ZW19]. atomic [Bag11, Tor04, OB04]. Atomicity [WLF+09]. ATOP [SGH+08]. ATOP-Grid [SGH+08]. ATOS [Lau92]. ATREX [Tak89a]. attack [AQAR+18, CM17, DC18a, DCC13, JNH18, KAW12, LSL+15, NZL+15, SPT+18, WLYL11, WJY+18].

attacker [PLGMCdF18]. Attacks [JL14, IDK19, KIAD17, KPS18, KgGP+19, NNC+19, OA17, SCH+17, SSB13, TA18, VS13, ZJW+14]. attempt [SLZ95].

attention [FJA+18]. attention-scoring [FJA+18]. attestation [GZW18]. attitudes [RYY+18]. Attractor [Ano90]. Attribute [CDL18, KH97, LAL+15, LHL15, LYL+18, Rao17, SH90, SYK+17, WLX18, CIK10, FLT17, FRZ19, GB10, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCL14, SCZ+14, SHLB08, VPP+19, YCT15, ZCL+18]. Attribute-Based [LAL+15, LHL15, Rao17, CDL18, LYL+18, SYK+17, WLX18, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCZ+14, VPP+19, YCT15]. attributes [BFS+17a, BFS+17b, VLK09]. attribution [Mil11]. Auction [ZBL+14, IAL10, YLJL18, ZZS18]. Auction-based [ZBL+14]. audiences [PNH99]. audio [BDMO11, LYXT14, MSK03]. audiovisual [VWD+08]. Auditable [ED+16]. Auditing [SK97, BSC06, LYY+14, YX+16]. auditory [CPP+18, YXY18]. augmentation [AGKZ18, GBRM18]. augmented [BB04, CES+19, KVM+15, RMSPP17]. Augmenting [HMZ18]. AUGUSTUS [SL+09]. Aura [HHK18]. AusPlots [TSTL16]. authenticated [ODK+17, ZYL+18, ZXWA18].

Authentication [ASO14, ABB19, BDFP05, AMN18, AHH+18, APK+18, Alp18, AKB+18a, BLAN+16, CXX19, CHS11, ED19, FHZW18, GHD19, GAI+18, GLB+18, Ham19, HLC16, IOV+18, JKAU19, KVvE18, KLW+16, KLV+17, LC17, LNL+18, LWW+18, LH13b, LHL03, LYL15, NY+18, LWF+17, MCN+18, MR00, PYH+18, PLGMCdF18, SGGCR+16, SCS+18, SYW17, VCD+18, Wan18b, WDKV19, WLS+18, YHL16, ZLY+19].

authenticators [SY+17]. Authenticity [CBD+05]. Author [Ano85a, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a,
Ano92b, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a.

authoring [Tak05]. authoritative [WMA18]. authorities [HWW04].

Authorization [GdLvOT03, KWR+13, ABTF16, ACC+05b, BPC+14, CHC+17, CZZ+18, CBPP18, DLLZ17, GD+09, GVdBdL15, GGM+09, HHD+12, LC05, LXZ+18, PBC+11, SBL18]. authorization-security [ABTF16].

authors [AK18a]. Auto [WLH16, DWS12, EPB18, KTTK17, LCL+18, RSY+18, TV16, dACNC16, vW19].

auto-encoder [LCL+18]. auto-scaling [DWS12, EPB18, KTTK17, dACNC16]. auto-tuner [vW19]. autocorrelation [DH16]. Automata [TS99, TA18, BMAPs01, Ban02a, Ban05, Bog99, CM99, CBDD16, FW02, GZ04, HRSW99, Jm02, KCT99, Mar02, PRN14, RGAT18, Ser98, ST99, TSZP99, Wor99, BPO2, CDRS05, PIKM02].

Automata-based [TA18, CBBdL16, RGAT18]. automate [TC92]. Automated [AD18, AFO+18, Asu13, Bea03, Cpp16, FM01, FTD17, GACM17, GGGRC16, GMM18, KHO+19, LJ17a, NUPA19, PKI+18, RBGA18, RHK15, Si93, AAF18, CsZzG+13, Coc10, GBMR18, GRS+19, Hua10, JBR+16, SRSA18, YPHZ14].

Automatic [Bü05b, CMVA18, HWWT12, Kom89b, LNN+18, MHA09, Mcd16, Reu03a, Röb05, ZX14a, ZLZ13, ZSL+19, ZH17, Adl14, Amm16, Ac01, BBH18, Bü05a, Fan05, GMM18, HNP05, HHG05, HNS05, SK04, SBLT05, TMDZ15].

Automatically [CHSA18, BCF16].

Automating [BJA+05, XLL+18a, MH01]. automation [ACPI19, DDV20, DVJ+15, JBC16, WBKL16, WTP+13]. automaton [Ban02b, DLL01, LPY+18, SKT02].

Automobile [Tak89a]. Autonomic [AHU+19, Erd13, LG08, YVCB10, ASAB+18, BJWZ08, ENC+12, FS07, FLPP05, GAJP18, HCZW17, IGB+14, MSBA16, MTD18, MAB+15, PVN+12, SMPC12, TTB+13, TCR+12, Vin16, ZYW+18]. Autonomous [YKL+07, DP19, DBS14, FGW+19, PBV+13, TCCC11, YP12].

Autopilot [RSR01].

Autostereoscopic [PSG+06].


Availability [NK16, ASD12, BCB+07, CBD+05, KKAS19, KFC+07, LSL05, LVH08, LCH+18, RLP12, TSWL17, VVC+12, WLML17]. available [Din03, Fri14, GVI13, JSS+12, SB14].

Avatar [GC00]. average [NJKF18, YK17]. average-utility [YK17]. avoid [GL05].

avoidance [Cui10b, DPK+19, ZGL19]. AVS [WKf03]. AVS/Express [WKf03]. Aware [ABTA18, BLO+18, KMR15, KV17, RMA+18, SV16, TK18b, AHEM17, AGR19, ADAAD12, ADA+19, ALK15, ACCD17, AMT+12, AGA16, AB18c, ACSV18, AC18, AEME+18, BAB12, BPC+14, BCDP12, BMK+14b, BCR+12, CCIP18, CCO14, CHY+18, DWJ18, DPK+19, Dkv14, DFG+19, DDD18, DSBC19, DCF19, DCMW17, EMHE18, DA18, FG18, FKT14, GMM18, JGB19, GHD19, GJ13, GJ15, GD10, GS16b, GGTK15, GBJ18, HZC+08, HY09, HNG+14, HKN18, HCJ14, HSC15, HBN+13, JGBF18, LGQ+17, JNR12, JLD+19, JEB18, KMB16, KS18a, KANS18, KSF+13, KRD+19, KCS14, KKW+14, KB09a, KBB+16, KIC12, LTC12, LLC14a, LPK17, LPK18, LGY+16, LYY18, LJGW18, LWS+12, Lok12, MCL+16, MHC14, MMVV08, MBM18, MHKZ18, MPR+16, MMPF19, NKB19, NK15, NSSA+14, NJ16, PA09, PP10, PC18a, PLZX19, PKC04, FPFP18, PSR+07, PNZ14]. aware [PAB+14, PRC+14, RMDB18, SSG19, SC16, SHRE16, SDTA19, SCY+18, SMG18, SRN+18, SCCS11, SCH+17, SSP17, SLY+19, TKR+15, TCCC11, TCR+12, UGBM+17, ZH18].
UDvdW+18, VDTK12, VPT+15, VGC+13, WKC+13, WWC14, WCC+16, WLZ+16, WZZ16, WWQ+18, WCH+18, WSZC18, WZM+18, WS10, WZ13, WYH+17, WZS+18, XDH+17, YIA17, YCX18, ZMTT16, ZL13, ZME+15, ZHIC17, ZGL+18, ZWS+12, ZQB+18, ZZLH18, ZAC+18, ZFH+18, ZTD+18, dACAM13, CG09, KC14.
awareness [AL14, ABF+15b, GRTV10, LCL14, RR18, SHP10, XFTZ16].
axisymmetric [CASW05, de 94].

B [Zem86, vdR87e, IEG04, WWT+16].
Back [SKS+18, CWSW14, GKI05]. back-end [CWSW14]. backbone [ZJW+14].
Backbones [Sch03]. Background [TWZP18, HCC+14, YPHZ14]. backhaul [WCW18]. Backplane [BBM+03].
backplanes [Mam09]. backpropagation [JL98, RM97]. backup [PJDO13, WZZ16].
Bacteria [VR12]. Bacterial [RC13]. bad [WBT+08]. bag [APAZ17, CLRL17, CA15b, GGS13, MVC+13, TVB18, WL05, DFC+08].
bag-of-tasks [CLRL17, MVC+13, TVB18]. bag-of-tasks [APAZ17, CA15b, GGS13, WL05]. balance [CWW+16, DVL+18]. balanced [AS18a, CTR+17, CCL09, DL03, SDTA19, WWT+16, YWCC18]. Balancing [GXL+18, LCZR12, MD12, OSSH96, dRSS97, AA18, ADOKM06, BCMR01, BM08, BL02, CSJN05, CY01, Cho04, HLW12, IS18, KRZ12, KNK+08, KMK09, LYMZ09, LZXW13, LN18, MM03, MKM11, PZA18, PGM05, PRG+14, Qin07, SB97, SMG18, SJTN18, SMA08, TZZL18, WCF+15, ZGB+17, ZMS+06, ZFCC17, ZFC18]. balls [LGVM02]. band [SYCH18, VAdip12, WGX+19]. Bandwidth [VS04, XDH+17, AHP16, AHP+18, CGL08, CALN03, KWIK16, NF07, PBHK01, WLP10, WQG15]. Bandwidth-aware [XDH+17].
Bank [WY17, NUP19, YW12].
banking [GA00, KVvE18]. banks [ABCD00].
BANs [BL+19]. barrier [Pan95b, SO98, WPJ16].
bartering [GRBM18, ZA13]. Base [BMFC07, BBC18, Nis93, ZY90, vdR871, Cha15].
Based [GBY16, GSD95, GGC18, HXA+17, LAL+15, LHL15, MLA17, Sar18a, ST11, SCH+17, YG18, YTHY84, AD18, AO06, AB15, AMN18, ABM018, ABMC18, ANA16, ADM06, AY15a, AA18, APR16, AKP+18, ANG+19, AMH02, AY19, AAAQJ+18, ADAAD12, ADOKM06, ATJM02, AAS17, ARP14, ASO14, AIA+18a, ATdC+16, ADH+16, AMW99, AK14, AMK18, ABF+15a, SYJ+19b, ASAA18, AB95, AM+12, Ano86j, AKG+17, AB16, AMZ16, AN08, ACPI19, BDE17, BBC+17, BG12, Bae14, BRL19, BvdBM+93, BBK11, BDP11a, BMR01, B02, BARM14, BFP18, BMFC07, B01, BKG05, BFG+03, BRH18, BBC+12, BKSS02, BMU18, BW13, BRMN04, B09, Boa04, BT17, BGLS17, BAP92, Bru01, Bu18, BCB+07, CSV+12, CMZ+12, CSC+15, CYLT05, CLRL17, CQW+19, CAC+10, CLZ18, CLL+18a, CPP+18, C4CD07, CBK+01, CPD+15, CPE+17, CO03].
based [CEGL01, CKK+04, CGH04, CFL+15, CLL18b, CXZC18, CES+19, CTT+08b, CCS+10, CLL+14, CYZK15, CJW16, CJG+18, CLH+18, CLR18, CRYG18, CZH+18, CZZ+18, CYJ19, CY90, CY88, CMP+17, CS12, CB10, CGS18, CGSV17, CLK11, CFF14, CSC+92, CDL18, CMZ+18, CZL+18b, CRTN17, CBBdL16, DSS98, DZZ+15, DJZ+15, DCBF19, DTV02, DE03, DMM+99, DMG+08, DCK03, DMPP16, DSS08, DNJG17, DLDGMMPM16, DT93, DRNM09, DV03, DR03, DSM01, DdM10, DLS+12, DNF+19, Dör05, DCC13, DKFK18, DSO4c, DK14, DNP14, EAA16,
[WZH+19]. Biomedical
[CRSdS10, AIA+18b, CSC+05, CMD+14, DMPP16, KTTK17, Ros89]. biomedicine
[ABM+07]. Biometric
[Alp18, KHM13, AHM+18, BWR12, GEAR13, Ham19, KZA11, LTJK12, KJ12, MR00, NWMG17, Sar18a]. Biometrics
[Ale97, BW13, FFC12, FHZW18, Khr12, KS18d, KLW17, LNK18, Pol99]. Biometrics-based
[FFC12, FHZW18, KLW17]. biomolecular
[NJW+06]. biopsy
[BDS10]. BioSim
[CSC+05]. BioSimGrid
[NJW+06]. bipartite
[QGX18, TJ18]. Bishop
[Ano86i]. bistability
[vdR87e]. bit
[KHJ10, KKL09b, YFY+13]. bit-rate
[KHJ10]. bit-store
[VF913, VF914, ZSM+19]. Bitcoin-based
[HCW+18]. bitmap
[CH10, SK04]. bitonic
[GDAS18]. BitTorrent
[AJ16, HWZL08, WSU+10, WFC07, WLiQ10]. Black
[VVB13b, SHB89]. blackbox
[CLL+14]. blackbox-oriented
[CLL+14]. Blanc
[OBG+18]. blank
[FZT+18]. blast
[YWA+89, BPC+01]. blending
[ZY04]. blind
[ZA+17]. block
[BFK02, CLR18, EV98, LCP04, MHY+18, RP18, SJHR04, VF01, VF01, ZSM+19, mN95, vM94]. block-preconditioned
[VSF01]. block-structured
[BFK02]. Blockchain
[MGJW18, SP18b, Che18, DKJ19, KS18b, LBJ+18, MQN19, RMC+18, XLL+19, ZWX+19, ZWGC19]. blockchain-based
[XLL+19, ZWGC19]. blockchains
[HZLH19]. Blocking
[BCH+08]. blocks
[GLSV07]. blog
[ZWWL18]. blood
[HORC04]. bloom
[ZL13, ML17, SGB+18]. Blue
[KBVH14]. blueprint
[JYY+17]. bluff
[SpSP04]. Board
[Ano19b, Ano19c, Ano19d, JBP+18, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l]. Board
[Ano18m, Ano18n, Ano18o, Ano18p, Ano19a]. Body
[AS18a, FPPD14, ASO14, AKM18, CJ14, FP14, HLYW17, IASK14, SCS+18, SvAS01, SpSP04, TMA+17]. body-sensor
[ASO14]. BodyCloud
[FPPD14]. BOINC
[FKBG10, VKK14]. Boltzmann
[ABL04, CM99, CH04, DS04b, DY04, FPD04, HORC04, HRJ+04, IO004, KKHS01, NCS04, SdSP04, vdS04]. bonds
[BRS04]. bone
[BPP+07, RMM+98]. BonFIRE
[GCV+14]. Book
[Ano93c, Ano93b]. Boosting
[GCBM17, KMM+15, MWYC12, PH94]. booting
[SPSP17]. bootstrap
[DDJ+13]. borne
[SM18]. Boston
[vdR87k]. both
[FB93]. Bound
[MGMT18, BTMD12, JS89, VD16]. Boundary
[AS18b, BS04, DSO4b, Knu89, Sk04]. bounding
[PYH+18]. bounds
[LSG18]. Boussinesq
[Tab06]. box
[CSG+18, VVB13b, ZSM+18a]. BPM
[SJV+15]. BPMN
[GHLW18]. BPSO
[KP18]. brain
[ABS+18, ASYF18, GRS+19, KZC04, MLO001]. brain-computer
[ABS+18]. Branch
[MGMT18, PGCC+10, BMIT12, JS89, VD16]. Branch-and-Bound
[MGMT18, JS89, VD16]. branches
[LTOT07]. BRAVE
[RBC+88]. breast
[WZH+19]. BRelax
[SSG17]. bridge
brief [Bha18, DHC+17, NJKF18, SG17, KH19].
brighter [MZ89a].

Bro [KBaLG18]. broadcast

[HZ10, WSQ+18]. broadcasting

[KY04, LRZ+18, VS90, YY11]. Brockport

[Lit03].

Broker [AWN+13, ABG02, BS11, FA11b, MSBA16, MGG+17, PKY+17, RGC+10, SAK+10].

brokerage [CCP18, GPA00, OG18].

Brokering [FGB09, FD12].

Brooked [BB17].

Brokering [ACCD17, CS12, ET08, TMMVL12].

Brownian [GK18, vOB95]. browsing

[FGRZ09, FD12].

BSP

[HI98, HLSO06, HM98, McC96, RS98].

bubble [IOO04].

budget [ABP16, CXL+17, WWT+16].

budget-deadline [ABP16]. Buffer

[KDO0, SCH+19, WWC+97]. Buffers

[YSY18].

build [BRX011, LL03].

Building

[BH13, FKOC11, HLT+18, KTTK17, LF01, PWB+13, Ram95, RR18, SGP+09, SW06, YPF05, dVXB+11, ABMM18, EV98, FS07, GDRS04, GLSV07, HSS17, LRL+14, Niw89, SH99, VM93, WYN+90, Kos95, Zem86].

buildings [PPS+18]. built [GZS14].

builtins [CYB90]. Bulk

[GGLD10, dRRdQGR+18, GL05].

Bulk-Synchronous [dRRdQGR+18].

Bumper [DR15].

Burst

[YSY18, KK10b, ZCS+16]. bursty

[GHXM10, TCBP16].

Bus

[HHXL13, AB59, CCC19, Pan95a, PHL98, Shi92, UWW92, Kat04]. bus-assisted

[CPC19].

bus-based [AB95].

busfire

[GAW+18].

Business

[AJY15b, ACC+16, Cha14a, DMPDG17, E086, FG14, JC15, KFO0, QCD16, SJV+15, CM01, Cha14b, CR16, CYJ19, LCCM18, MCL+16, MVT+99, MVL+14, MAB+15, MCWP16, SGY+07, YNSM12, ZCX+18].

Business-driven [FG14].

business-oriented [YNSM12].

Butcher

[MK03].

Byte

[LTOT07].

Byte-code

[LTOT07].

bytecode

[Ber00].

C [vdR87a, vdR87d, Bu18, DNP+19, LSN+16, AC01, BR04, BEWZ10, CCHW03, LC04, MDT+18, NK07, WYN+90, ZY04].

c-means [Bu18, LSN+16].

C-oriented

[WYN+90].

CA [SW02].

Cache

[GS95, HM06, BSG+05, CXC+18, DSS98, DZ+15, HZC17, HBCR01, Kun94, Lop93, MVL18b, PRS+13, Tao10, VBL09, ZW+16, ZCQ+16]. cached [Yam92].

caches

[ADM06, TD95, YDT19].

 caching

[CXC+18, CRRdCB19, GSP+17, HMA18b, LW18a, RHGC14, TGM+19, XWX+17, ZCLW18].

CAD

[DAc95, TY85, TG04].

calculations

[BvdHN+01, Gi9, LF95b, Mal94, ML11, RMHM17].

Calendar

[Ano84c, Ano84d, Ano85c, Ano85d, Ano85e, Ano85f, Ano86b, Ano86c, Ano86d, Ano86e, Ano87e, Ano87f, Ano87g, Ano87h, Ano88a, Ano88b, Ano89b, Ano89c, Ano89d, Ano90b, Ano90c, Ano90d, Ano91b, Ano91c, Ano92c, Ano92d, Ano92e, Ano92f, Ano93d, Ano93e, Ano93f, Ano94c, Ano94d, Ano95b, Ano95c, Ano96a, Ano96b, Ano97a, Ano97b, Ano98b, YSL19].

calendar-based [YSL19].

Calendar17

[Ano96c].

Calendar99 [Ano95d].

calendarizing

[PHA+18].

Calendaraneous

[Ano95e, Ano95f].

Calibers

[PHA+18].

calibration

[HLZ18].

CALIFE

[SLZ95].

calm

[SCH+19].

CalmWPC

[SCH+19].

CAM

[AVG00, SD99].

CAMAS

[DRSBH94].

Can

[CHIJC05].

camera

[YJS18].

CAMP

[HRR+14].

campus

[MFG+14].

can

[BGV97].

Canada

[KMCH03].

Canadian

[AA00+].

cancer

[KMK+19, LGS+07, WZH+19, WW19].

CANF

[FJ18].

canonical

[BU18].

Canopy

[LZ+19].

Canopy-Canopy

[LZ+19].

can't

[GMCM16, GMCM18].

capabilities

[BBW+18, BBLP05, DGS09, HMZ18, SD06, WAD+89].

capability

[ZCL+18].

capable

[PvSS17].

capacities

[JL17, LI15].
OBG+18, SLZ95, WS05, YHJC05]. CG [KLP19]. CG-E2S2 [KLP19].
CGLXTouch [PDW+11]. chaflf [KHMB13]. chain [ABMM18, AB19a, ABGMC19, BDNP13, BBL+05, CLL18b, Che18, HHXL13, JLQ18, LBJ+18, SLL+18].
chain-generated [HHXL13]. chaining [SLY+19]. chains [JFD09, JLMR00].
Chalk [GDRS04]. Challenge [KZA11, BKM03, Her87, Rum99, STMV18, SGM11].
Challenge-response-based [KZA11].
Challenges [Ald89, CCR18, CDFW18, GS16a, GRL11, JC15, Jun17, KMU19, MWW+15, PWA+19, SJTG07, YS16, USA19, AR17, ALK15, AC10, Ano84h, ALL+18, BHD09, CAC+10, CRSD10, CCIP18, CSC18, CBBC+17, EGT18, Eng14, FCC+18, FS97, FJKK17, Fre94, GFD14, Hul89, KS18b, KAW12, KHL+18, Kol89, KARP14, KB09b, LGS+07, Meu05, NS10, OFM18, PYM18, PDH18, Pet89, Rcl18, Rho89, RLM18, SP18a, SJV+15, SWY+18, VCE+19, WWV17, Wil89, WGX+19, YHA+19, RMC+18].
Chances [ALL+18]. change [FWB+13]. changes [BBJ+06, BNJ16]. Changing [DMS97]. channel [ABS+18, CWW+16, DS04b, DJH+19, GQXL18, SWW+13, YN18, SG05].
channels [AJZ+02, Du94a, GHMX10].
Chaos [AIA+18a, XRPT18]. Chaos-based [AIA+18a].
chaotic [Gl07, KLT+16, LK+18]. character [CSC+05, LJ19, TJ18]. character-based [CSC+05].
Characteristics [XYL18, MPP13]. Characterization [AH+19, ZCT+04, BARM14, KRD+19, KB00, PLGMCdF18, VET18, dSFP+17].
Characterizing [GdV10, JTB13, JCD+13, KFC+07, MFS+13, WWH+17]. characters [SK04]. Chargeback [BKS+14]. chargers [CZM+18].
Charging [SRG+03, HZL19, YHL+19]. Charlotte [BKKW99]. chat [MSK03, DS00]. chatbot [CPMG19]. Cheap [HWS07]. cheating [DLMS15]. check [Che18m, LZZ+17].
checking [LXJD18, LYT+05, PSS13, RWV+13, SYY+17, YZZ+15, YXA+16].
checkpoint [Dal06]. checkpointing [BCH+08, CPD+13, CRVZ15, FC05, FMSSM12, FRB14, KJJ10, LBB+19, LM12, RPFMG10, RG04]. Chem [GAB+96].
chemical [CHW13, MSKT07, SBLT05].
chemically [DY04]. Chemistry [HÖ03, Bro92, GAB+96, LDDH95, ZDL+13, GMB+05].
Chichester [vdR87d]. children [XL19]. CHIMP [BCM+95]. China [HPZ18, PWP+18]. Chinese [TJ18, ZW18]. Chip [MBM18, BFP18, CPSD18, SF06]. chips [MPH00, SG19].
CHORUS/Mix [AGP+92]. chromosome [hKBB11]. chronic [HEES19, VFH14].
chronological [MPP13]. Chunk [ZZ17].
chunking [WLA7b]. CIIAM86 [vdR87b].
CineGrid [DGdL15, GHO+11, KGdL11, LSH+11, WdL16]. cinema [SST+06]. CIoT [GETL+18, ZZ+19, ZLZ18]. cipher [ZSW+18a]. ciphers [MH+18, SHJ04].
Ciphertext [JSMG18, Rao17, LDZW19, QRW+18, LAL+15, LHL15].
Ciphertext-Policy [Rao17, JSMG18, LDZW19, QRW+18, LAL+15, LHL15].
ciphertexts [WXLY16]. circuit [AEK+18, BHN05, GODM98, GDRS04, IdLR01, SKT02, WVC05].
circuits [CFVP03, Dö05, WSTW87]. Circulation [HHG05, C593, WJZ+17]. circumstance [ZLY+19].
circumvent [DC17].
Circumventing [DC18].
citation [HHL11, HQ10].
citations [CZ14].
city [AT18].
Cities [HSS17, RMSPP17, Sta17b, APBD17, AR18, HCZW17, HMA+18a, HMA18b, KAS+18, KS18b, NWL17, Osm19, RGSL18, UGBM+17, GMLGB+17].
Citizen

19
[ABTA18, AB19b, ALFR16, NZOC19].
citizen-centered [AB19b]. Citizen-centric [APBdI17].
City [MPI+18, RPA+18, BBC+17, CCC19, DDMPG17, EAED18, GAI+18, KPA17, LNK+18, LSV+18, LLW+18, PC17, SP18b, TWZP18, TCB+17, WHBC19, XYLZ18, YJS18, dSK+19, vVDdB98, CGSV17, FAMA+17, hKRM17, UPP17].
civil [AB19b]. Clairvoyance [BOP+14].
CLAPP [GNGG17]. class
[Cie04, DKK+13, GS13, GD10, TKT+08].
classes [CMB17, JOPW14, PSZL18]. classic [MCA+18]. classical [MAC17].
Classification [BD18, MWQ+19, ZXM+19, AHMS18, AGA18, CHJ+04, CLY14, CD99, DH16, EP13, FTK+14, FMV14, GLVC18, HMA18b, JOSD19, KMK+19, hKBBB11, Kl05, LXL+17, LLWN04, MG14, MRS+18a, NUPA19, PRW14, RGGH18, RD14, SD18, TSGR17, XZZ+18, YARH18].
classifications [Bag16]. classifier
[KLV+18]. classifiers [WLW+18].
Classifying [BCMM18]. classroom [Kim18]. Clause [LY90a]. clean [MRL14].
CLEM [CJN+15]. Clickstream
[FFGP+19]. Client [ZW10, CGL08, CSL18, DSD+11, KURAK+18, MG14, PA01b].
Client-centric [ZW10]. client/server
[PA01b]. clients [LH13b]. cliff [SCH+19].
Cliffs [vdRS87b]. climate
[BNJ16, FQBC15, GP09, MLC18b, PWB+13, FNA12]. Climate-G [FNA12].
clinic [PPAK09]. clinical
[CPE+17, JNS+19, LDY+18, OADM07].
cloaking [NZL+15]. clock [AC92]. clone
[SMRM13]. CloRePa [DL14]. closed
[HXY13]. closed-form [HXY13]. CLOSER
[CCR18]. clothing [HYC+18]. Cloud
[ASAB+18, AAS17, ABTA18, AAJ17, AM17, AKB+18a, ACCD17, AMPZ16, BB13, BdDPP16, BCJT13, BYV+09, CRLR18, CHWW13, CRM+16, CDL+16, CDP+15, Cha14a, CKR16, CDFZ16, DMC+19, DXA14, FMN+17, FSV+19, FPP+18, GAW+18, GJ15, GRBM18, GTCZG+18, GMP+17, HMH17, HMM18, HSBE19, Hel16, HXA+17, HMA+18a, IASK14, JC15, JY15, JTB515, KIMR15, KLV+18, KJ18, LS+18, LSD+17, LOR+18, LJGW16, MID16, MIP17, MAB+15, MM18, Pal16, PN13, PLLA18, PDH18, DSL14, RAA+18, SV16, SST18, SGN+17, SS17, SZK18, SAPA17, SPKG18, TMW+17, TMMVL12, VLAC+13, WBKL16, XDWL15, YG18, YHL16, YZW+18, YARH18, YAP16, YXA+16, ZAC+18, ABZK15, ABMC18, ANA16, AA18, ANG+19, AAAAAQ+18, AFSH+18, AFSH+19, AMQ5+19, AEK+18, ADA+19, AS014, ALK15, AL18, AMGCC18, ABP18, AMMC18, AMKM18, Ano12r, AB16, AAD+13, ABN17]. cloud
[ADBO18, AMS19, ADDV16, ALL+18, AK18b, BKS+14, BDE17, BFN18, BMU16, BKS+18, BFS+17a, BFS+17b, BC15, BBC18, Bel16, BPC+14, BT17, BB12, BDH14, BR10, CMX+16, CA15a, CVT19, CDG+14, CLZ18, CMB17, CCI18, CTR+17, CXXM18, CFG+19, Cha14b, CFL+15, CRW+16, CW16, CLL18b, CM17, Che13b, CWSW14, CLL+14, CAC+15, CXL+17, CLR18, CCY+18, CW13a, CGSJ18, CGL15, CPSRG14, CR14, CBLS13, CSQ17, CLD18, DC18b, DZZ+15, DJZ+15, DRC+19, DST14, DLLZ17, DMPP16, DEG+17, DQLW15, DHL18, DR18, DCD13, DWS12, DSPA18, DHC+17, DCMW17, DJ13, EBOY14, EAS+18, Erd13, EP12, EMM+13, EPB18, ECA+18, ETR+13, EA17, FH13, FHYH15, FCY18, FLR+16, FSM+18a, FJL+16, FQBCF15, FLR13, FDP17, FEPC18, FPGBK18, FKT14, FM17, FP13, Fri14, FCD+14, FSP+18, GGTTRC16, GPJA+14, GVGB17, GEG14].
cloud [GVB13, GJGB19, GJG13, GSL12, GJAP18, GS16b, GJF+12, GCL18, GB10, GTSAR+14, GPS13, GMP+18, GJKP18, GFW+18, GLB+18, GGC18, GHS13, HIA18a, HFM19, HSM13, HGG+14, HQH16,
HZL18, HHK18, HLYW17, HCNT14, HZL+19, HHK+16, HCB16, HNQ+18, HZW+16, HYS17, HYS18, HHS+18, IJCI11, IS18, IKLL12, IGB+14, JAAD+16, JTB13, JTS13, JBR+16, JCL+15, JZJ+18, JMG19, JEB18, JOSD19, KS18a, KZ17, KC14, KRD+19, KYB+19, KMT14, KKKM13, KAW12, KCS14, KADJ14, KLH+18, KACN16, KARP14, KMV+15, KTTK17, KKKM18, KKKM18, KGLY18, KS18c, KLW+17, LBD18, LCH’+11, LCL+19, LXD17, LLW+12a, LJJW13, LCHW14, LKX+14, LH+17, LPY+18, LF+18a, LLWW18, LYY+18, Li18, LAL+15, LSYC18, LCL14, LXMW15, LHX+18, LW+18, LZYC13, LYZC15, LYL15, LHL15, LCMX16, LPL+16, LSL+18, LDY+18, LCH+18, LNY+18, LZLL18b, LYL+19, LPBB+18, LHB16, LSJ+14, MZH+17, MG14, MG16].

Cloud

[MK17, MGT18, MFN13, MHC14, Man15, MCT+15, MYW+19, MAJD18, MKK13, MBMTJR18, MDB+18a, MKH13, MFG+14, MNY+19, MSBA16, MLM16, MHZK18, MVG+14, MRH17, MMVP13, MA1+19, Mda16, Mse19, MSM+13, MKY16, MWL+18b, MCG+15, MBV+15, MCPW16, Nag16, NR+17, NCS12, NNC+19, OdOD+13, ODK+17, PZA18, PBV+13, PC18a, PVN+12, PLA18, PFP18, PKY+17, PPS18, PBA18, POJ+16, PTO+18, Pou19, PPB16, PKI+18, QCYJ17, QCD16, RGAT18, RT16, RZ16, RT15, Rao17, RS17a, RP18, RHPV17, RMJ+18, RTS+16, RVGGSSZ14, RHMHM17, SRZD15, SF19, SB14, SPD+19, SJV+15, SHRE16, SDB+18, SBK+16, SJTN18, Sha16, SLD+15, SYY+17, SAR18b, SV15, SG14, SKS17, SRKS18, SM18, SYK+17, SB16, SBP+17, SMS13, SBL18, SMZ+16, SLZ+18, TCC18, TLC+15, TSWL17, TDLC17, TOD17, TZZ+18, TKA+18a, TBB+17, TCBPR16, TCBC18].

Cloud [TYWZ18, TMS+17, VB18, VPP+19, VSDD13, VCDK18, VSP+14, WHMO13, WWCN13, WWC14, WXYL15, WCF+15, WMK16, WZZ16, WMX+17, WCL+17a, WWDF18, WJS+18, WMY+18, WXZ+18a, WXZ+18b, Wan19, WLA17a, WLA17b, WLA18a, WCC14, WYH+17, WZCH17, XX14, XKB1A8, XWM18, XTT18, XWL+18, XWJ+Zy18, YMW+18, YFY+13, YLHJ14, YSC+15, YLN15, YWL+17, YJS18, YSHM19, YN18, YKK13, YAGG18, YNY+14, YZN+15, YGYW16, YYLC10, ZRZL18, ZY+18, ZLZ+19, ZCL+14, ZME+15, ZHZ+16, ZCS+16, ZWHC17, ZHHC17, ZZXL18, ZCZ+18, ZDW+16, ZCC18, ZF+18, ZLY+19, ZZS+19, ZaTZ+17, ZZZ+17, Zhu18, ZWGC19, ZL12, ZQ+13, ZBF14, dSBN19, dACAM13, dACNC16, BAB12, CFVP12, CJN+15, CPP14, CP16, DDJ+13, DHC+17, ENC+12, FG14, FP14, FMR18, IG12, JS12, JBR+16, KKB13, KMK+14, KS17b, LLAH13, MGR11, MEB12, MBS13, NJH+18, PMP13, PMS18, SMBMT+18, SG15, SMZ+16, SYL18, TCK+14, WLML17].

Cloud [YNM12, ZLR+15]. Cloud-assisted [HMA+18a, LYL+19, WXYL15, ZYZ+18].

Cloud-aware [GJ15]. Cloud-Based [HXA+17, AMPZ16, CPD+15, FPP+18, GMP+17, LOR+18, YARH18, ASO14, BDE17, CFL+15, DMPP16, EPB18, GGC18, HLYW17, HHHK+16, KRD+19, LCH+11, LSYC18, MK17, MKK16, MCC+15, PC18a, PKY+17, TKA+18a, TYWZ18, WZZ16, WJS+18, XKB1A8, XTT18, YMW+18, YN18, ZZXL18, PMDS18].

Cloud-computing [ZLZ13].

cloud-connected [RHPV17].

cloud-distributed [AB16]. cloud-edge [CFG+19]. cloud-enabled [TOD17].

cloud-end [DJZ+15]. Cloud-Fog [PDH18, MWW+18b]. Cloud-FuSeR [SMZ+16]. cloud-hosted [YKK13].

cloud-integrated [FCD+14]. cloud-native [TBB+17]. Cloud-of-Clouds [WLML17].

CloudGrid [CCRV13]. CloudIntell [MAY18]. cloudlet [ZGL+18]. cloudlets [Lok12].CLUDDRB [SG14]. Clouds [GLNT13, GGA+17, KSF+13, LX13, MG18, MAD+16, PMLVLS+13, SPdSR+17, WRK+15, APAZ17, AMQS+19, AMGCC18, AK14, ASB18, AEME+18, BL15, CLR17, CTBV12, CGBAP18, CKR16, CBN16, dCCDfdO15, CRTN17, DT16, FWB13a, GCBM17, GGSZ09, GZWQ13, HZZ+14, HBN+13, HFT16, HK+18, KhRAk+18, KH18a, LZ10, LLC+14b, LMZ+14, LGY+16, LLZ+18a, LLW+12b, LPV+16, LSHW17, LWZ18, LDP+13, LYW+16, LL16, LSMVML13, MJM+16, MJDN15, MGV+18, MGG+17, MDD15, MG10, OG18, PFR16, QTG+18, RMV+10, RMCM12D, STMV18, SEMJ11, SSL13, SBA+17, SJ12, TZZT14, TdPF+17, TVB18, TSB18, TCn+16, VVB13a, VHML11, VCKB12, WHS+18, WG13, WH+19, XSM15, XJWW15, YLJL18, ZQZ+18, ZB19, dCTVC18, dOOO+13, ANE13, ATX13, CVKB12, TWML17, YMY+17]. CloudSME [TKA+18a]. CloudSNAP [MGLPPJ13]. CloudStore [LSB+18]. Cloudy [BFN18]. CloudFlows [KOP+17]. Cluster [BB13, BJ02, CWJ16, DT08, KV17, OSH09, WX02, Aba06b, ACM05, BL98, BARMB14, BYL+18, CDG+14, Cho04, DOZ0, DVVD02, EMHE18, Fra08, GS05, GCV+14, Goo02, HO02, HLL+17, JAA09, KZ17, LSL05, LZWX13, LI12, LKTC13, MNV12, MFG+14, MM03, MGLV04, NSI12, RBV+13, RG04, STH+98, SM10, SAA08, STC15, SMS14b, SYP+17, VSM02, WKC+13, WHW16, WJZ+17, YJA03, YLHJ14, ZJWZ04, dACAM13]. cluster-based [BARM14, LZWX13]. Cluster-group [CWJ16]. cluster/datacenter [LJTC14]. Clustered [BHH+93, GK18, PS1+04, PRCh+14, SCY+18]. ClusterGrids [KKJJ10]. Clustering [FJ18, GBY16, HO17, LJ17a, LHJC18, Mic97, PC18a, TF18, ZWHC17, BK16, BCF16, Bu18, CJ14, CdsDS15, CSP13, DNA+19, D99, EP13, FGM11, FT07, GPJ17, GNGG17, KCK04, kKB11, KP18, LBYL08, LMR19, LZG12, LS+18, NK17, RCM17, SV16, STP+05, TTC+14, WCL+17a, XZZ+14, ZM97]. Clustering-based [LLJ17a, LRMS19]. Clusters [MG10, PB95, AHEM17, ADAAD12, ALM+10, BC15, BBV92, BL13, BL02, BCP+01, BTM10, CR+16, CRE01, CP17, CSdCM+17, CBCA15, CG02, CKFJ06, CEGL01, ELvD+96, FQBCF15, Fer96, GCBM17, Gos00, GVD+03, JBP+18, KSS11, LP01, LLZ+18a, MJM+16, MKS00, MSL01, OB04, PK11, PGC+06, PL96, RHB08, RT06, RGDML16, SVC+07, STHK03, SD03, SK12, TC06, VVB11, XDL12, YIA17, ZGB+17, ZBTC17, ZTD+18, SZGB04]. clustering [Gra15]. CM [Mal94, Por95]. CM-2 [Mal94, Por95]. CM2 [CH95]. CMPs [MLV18b]. CMS [RAA+18]. CNES [BT93]. CNN [RBGA18]. CNNS [LYL+19]. Co [DXL+18, PW09, Ano84i, DVB14, DBD+14, GS15, YCY10, YSC+15, LS+14, YYW+09]. Co-AdaBoost [LLS+14]. Co-Allocation [DXL+18, DVB14, YCY10, YSC+15, YYW+09]. co-design [DBD+14]. co-operative [Ano84i]. co-processor [GS15]. Co-scheduling [PW09]. Coalition [KIM15, FX07]. CoAP [GCK18]. CoAP-based [GCK18]. Coarse [Vre88, VF01, SJ18, TKK+14, Vre89]. Coarse-Grain [Vre88, Vre89]. coarse-grained [TKK+14]. CoCaMAAL [FKT14]. CoComet [reu03a]. CoConet/J [reu03a]. code [BP01, BST+04, BGS+19, DR05, DMN+05, GKS05, GL95, HDO16, HCL+17, IJLC03, LT07, LLC14a, LLZ07, LN94, OBG+18, PSK+10, RBS93, SJ14, SLZ95, WMJW18, vV19]. codecs [EBCP18]. coded [LLWN04, PWMX17, XWM18]. Codes
cohesive

Collaborative [BGJ+06, BDF+16, BLAV+06, FGW+19, HGM+15, HAM+18, LZY+19, PLLP+19, SZP+00, TWC+06, WWTF+18, WYL+18, BRX+11, BPS+03, BDMO+11, CPE+17, CSL+17, CMP+17, CNP+19, DMPP+16, DFRW+17, DV+13, DPS+16, DKFKF+18, FLR+16, GMP+16, GP09, HB09, HAB+06, IGB+14, KZA+18, KPB+03, KKB+18, KIAD+17, KWK+16, LPC+95, LCL+16, LCW+18, LQLX+10, LGS+07, LHCC+18, MZH+17, ML+11, MVG+18, MOBD+18, MED+16, NRR+15, PS+10, PDW+11, RW+18, RJH+09, RRH+16, SHBP+10, SCY+01, Sip+12, SCL+14, SLW+01, TQL+19, VGBLGS+06, VWD+08, WCVL+12, WLB+11, YLC+06, ZL+13, ZLC+18, ZRZ+14, ZL04b, ZBF+14, dIFVPSH+14, FGG+13].

collaboratively [GZS+14].
collaboratively-built [GZS+14].

Collaboratory [BAD+05, LRJ+06, LJP+05, SGP+09, Sbl+09, KFP+02].
collapses [KMC+18].
collating [AB+18b].
collection [DGC+17, HMM+18, HYC+18, KIC+19, PPS+18, TSTL+16].
collection-processing [PPS+18].
collections [AFP+07, GB+99, YDK+11].

Collective [Jun+17, CFG+16, J+02, NSI+02, SS+17, Sz+98, Sz+01].
collusion [CMZ+18].
colusive [ZZH+18].

Colonies [TRFR+01].
colonoscopy [MSR+98].

Colony [PW+09, PT+16, TA+18, CZ+18b, DS+04c, FZ+14, HX+18, HL+18, TV+16, W+13, XLW+17, ZHHQ+18].
colony-based [TA+18].
color [DNW+19, GPV+14, MSM+18b, RM+16].

Colorectal [KMB+17].
coloured [AEM+10].

Colombo [G+92].
Column [G+16].

COMA [SWC+15].
Combination [CW+19, LLW+18a, WQZ+19, WL+05, XRPT+18].

combinational [CWW+16].

combinator [WGL+92].

Combinatorial [MM+17, Sch+03].

Combine [LL+03, SD+18].

combined [HJK+04, SMB+18, ZSO+18].

combiner [MLC+18b].

Combining [CPG+16, CFG+16, Che+1a, DMC+19, LC+01, MWVP+12, OC+14, FZ+14, GY+90, SK+12, WWZ+19].

ColMe4ACloud [AS+18].

COMFIT [dFB+17].

comfort [Mat+18].

comfortability [WPS+18].

command [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].

commerce [KTY+03].

Comments [WC+06b, WC+06a, CXZ+18].

commerce [ABCD+00, AS+99, KF+00, ZL+18].

commercial [CB+16, Mar+86, SMM+16].
24

Page 99, PR95, PSK±10, PPAK99, RPA±18, RHPV17, SRZD15, SCEC18, URKM19, UPP17, VSKS19, VCDK18, VV16, WC01, WPGN+18, WTC±02, ZDR07.

Communication-efficient [Tis07], communication-layer [WPGN+18], communication/networking [GXL+12].

Communications [DVV90, EYY19, AMN18, CFVP12, CYH04, GZL+18, HSC15, HCHH19, MHY+18, QGX18, RGDM16, SAGGB17, Ste94, WQ14, WSZC18, WGX+19, YXZG18a, dSBN19, SHJ06].

Communities [BOHCC17, DMPP16, FK11, HSB+18, PRSR14, RSSD02, Var00].

Community [Car86, LBB+09, RMA+18, BFN18, CWL+18, CWJD19, CGL+10, FPPD14, FLN+18, GP09, GG10, HBN+13, LJJ18, LLZ+18a, Mar99a, PPH+09, SOD18, SBG+09, SJL+18, YMLT13, ZDL+13, ZCL+19, HRR+14].

Community-Aware [RMA+18, HBN+13].

Community-based [YMLT13].

Community-driven [SBG+09].

Commutator [CM03].

Commutator-free [CMO03]. companies [STMV18]. Comparative [CA15a, TAHS14, Ba92, BMU18, DNW+19, GRS+19, KDE04, OdOD+13, OP97, SK06, ZM07, ZN12].

compare [CW16]. Comparing [HHS+18, KGX95, PFS+13]. Comparison [CHS+18, MFG+14, MOFGP18, VswD95, BNFZ08, CCG07, JS13, KBVH14, KSE17b, STP+05, SI18, ZTKF17]. comparisons [BORM07]. compatibility [SSB05].


Competitive [AGKZ18, LL04c, PS10, SSL12, WPJ16]. competitors [Ano84h]. Compilation [BM00]. compiler [CMT01, DSS98, GMB19, LJS17, LY90a, Port95, SO98].


Completely [GMM18]. completion [CND+19, CD803, LZ10]. Complex [BSK98, BCD+18, CCMGF18, CCR18, CCKW88, HCB16, LJ17a, SdR99, WH05, AB01, BKB11, Bal16, BJWZ08, BWR12, BW13, CSC18, DS99, FGCM07, Fer13, Fre94, FPP+18, GJY18, HAAH05, HSB+18, JSZ+19, MBO1, Men05, MSO18, PK+18, RWY+18, SW17, SJTG07, Sun10, SJL+18, WSZH18, XSM04, ZYTC15, ZSP17]. complexes [CVG10]. COMPLEXIS [CCRL18]. Complexity [GMMM18, ABP16, GVURIVBV14, TW+18]. Compliance [SS17, HHL11, LCCM18, Niw89].

Compliance-based [SS17]. compliant [LLCF11, SYT09]. complicated [LHC03]. Component [BR18, SAPA17, AAC04, ACPI19, BKSS02, Fio06, GW01, HIA18a, Lee04, LKG07, LASL16, LTZ15, Par06, PSS01, PSBB15, Reu03a, SVN10b, Tak05]. Component-based [SAPA17, ACPI19, BKSS02, LKG07, Par06, PSBB15].

Component-oriented [BR18, Tak05]. components [CY88, DD05, KSS11, Kom89b, LRW01, PA01a, WSTW87]. Composable [LFP+17, OE13]. composer [BGK+05]. Composing [RBC+15, Kom89b, PADD03]. Composite [AM17, Lin18, AT11, BRMN04, OCW14, WCC+19, ZS+06].

Composition [MWQ+19, NOF18]. composition [Ad14, BML18, FTD17, GMM18, GJGB19, GBA+09, JGFB18, LPMY18, LJ17b, LWS+12, SJ18, SDC11, TS0B15, TSTD16, UGBM+17, WZ13, XSM15, XLW+17, YKL+17, ZZ09, ZZLH18, LKA+19].

compositional [dSMAdR+17, VR05]. Compositionality [dB90]. compositions
Comprehensive

[NS17a]. Compressed

[JL14, ML17, BD18]. Compressible

[KN06, Ano96b, LF95b, RŽDM01].

compressing

[JDW14]. Compression

[NS17a]. Compressed

[GLS99, CCD19, CPD15, DHW17, DQ97, HSP13, IASK14, KCK04, KK199, OSC14, SMC99, SMS16, YZWG18].

compressive

[GSY17]. Compromised

[CLK11]. Compromised

[AC10]. Compulsory

[QRW18]. Comput

[AB19a, BFS17a, Cha14b, HYS18, KSM07a, MR04b, NDZ18a, NDZ19].

Computational

[AC10, ABMS05, Bis96, Bro92, BDS10, Bun03, CH04, Joh02, MCSS00, MGYC06, MAV09, MR04a, MR02b, MvLW98, Pet89, RGH01, SA19, S99, Tan02a, VmW97, XA10, ABG02, AAB07, Ald89, ABF03, BMT12, BKM03, BFR05, BLB03, BL15, CM99, CBBC17, CH95, CCG10, CKR04, DVB14, DLS12, DT08, EGK07, FGG03, FvLTT98, GKT15, GSN18, GSP17, Han03, Hua10, Hub98, IAL10, Joh89, JNPY06, KHG13, K089, KX11, KKW14, LL04c, L08, Lit03, LJPS05, LAH10, Lop03, MFN13, MDD89, Mep05, MHA08, MvWl99, NHP98, NP03, OK02, PIKM10, Rho89, RM11, SPdS17, SMK05, SSST17, SHJR04, SSL12, SL97, SGH08, SSK17, SZR18, TMT07, TBK10, TV08, VDPH09, WFC07, WL05, W03, Wil89, WCKW10, WS10, YD05, ZZDM18, ZCW04, CCHW03, GMB05, KFP02].

Computationally

[VCD18, DST10, Pet95].

Computations

[VY92, AQB15, BBSV92, BBJ06, BST18, HCW18, KL02, LF95a, SK12, Str98].

Computer

[AC10, ABMS05, Bis96, Bro92, BDS10, Bun03, CH04, Joh02, MCSS00, MGYC06, MAV09, MR04a, MR02b, MvLW98, Pet89, RGH01, SA19, S99, Tan02a, VmW97, XA10, ABG02, AAB07, Ald89, ABF03, BMT12, BKM03, BFR05, BLB03, BL15, CM99, CBBC17, CH95, CCG10, CKR04, DVB14, DLS12, DT08, EGK07, FGG03, FvLTT98, GKT15, GSN18, GSP17, Han03, Hua10, Hub98, IAL10, Joh89, JNPY06, KHG13, K089, KX11, KKW14, LL04c, L08, Lit03, LJPS05, LAH10, Lop03, MFN13, MDD89, Mep05, MHA08, MvWl99, NHP98, NP03, OK02, PIKM10, Rho89, RM11, SPdS17, SMK05, SSST17, SHJR04, SSL12, SL97, SGH08, SSK17, SZR18, TMT07, TBK10, TV08, VDPH09, WFC07, WL05, W03, Wil89, WCKW10, WS10, YD05, ZZDM18, ZCW04, CCHW03, GMB05, KFP02].

Computer-assisted

[BDS10].

computer-assisted

[BDS10].

computer-integrated

[WG91].

Computerized

[KPF02]. Computers

[GMM18, Her84, Ano86i, CST92, CS93, DRNMC09, DD86, Omo91, OP97, Pad92, RN01, ST99, vDr86b].

Computing

[AR17, ADALZ14, AT02, APS19, ABP18, Ama88, Ama89, AKB18a, BB13, CMA11, CDF05, CFP19, DXA14, FSV19, FVFA98, FBS18, Gen95, Hel16, H89, HY03, Kow85, KFBKD14, Lid99, LWW13, LSF94, MJ00, MGA18, NSSA14, PP00, Pri95, P91, SEH99, SL97, SBLT05, Tai89b, TD05, W91, Zad87, ZCM00, vM94, vDr93a, dRSBH94].

computer-assisted

[BDS10].

computer-integrated

[WG91].

Computational

[AC10, ABMS05, Bis96, Bro92, BDS10, Bun03, CH04, Joh02, Jun17, MCSS00, MGYC06, MAV09, MR04a, MR03b, MvLW98, Pet89, RGH01, SA19, S99, Tan02a, VmW97, XA10, ABG02, AAB07, Ald89, ABF03, BMT12, BKM03, BFR05, BLB03, BL15, CM99, CBBC17, CH95, CCG10, CKR04, DVB14, DLS12, DT08, EGK07, FGG03, FvLTT98, GKT15, GSN18, GSP17, Han03, Hua10, Hub98, IAL10, Joh89, JNPY06, KHG13, K089, KX11, KKW14, LL04c, L08, Lit03, LJPS05, LAH10, Lop03, MFN13, MDD89, Mep05, MHA08, MvWl99, NHP98, NP03, OK02, PIKM10, Rho89, RM11, SPdS17, SMK05, SSST17, SHJR04, SSL12, SL97, SGH08, SSK17, SZR18, TMT07, TBK10, TV08, VDPH09, WFC07, WL05, W03, Wil89, WCKW10, WS10, YD05, ZZDM18, ZCW04, CCHW03, GMB05, KFP02].
computing
[BKB18b, BB12, BDMO11, BCM+95, BJCO2, BYV+09, BR10, BRHH18, BCB+07, CMZ+12, CPDJ13, CHL18, CHW13, CGCB+12, CA15a, CLCMG+18, CGPds+13, CLZ18, CFT+99, CTR+17, CWD+08, CDDR17, CMT16, CGH04, CC11, CCR16, CLL18b, CWJ16, CXL+17, CLH+18, CCC+18, CW13b, CMCY18, CGSJ18, CCM+19, CNP+19, CTM006, CCCT14, CLBS13, CFG93, CSP13, CS09, Cuz14, DMC+19, DZJ+15, DHB02, DLT14, DLR+09, DDB18, DVVD02, DSD+11, DL03, DRS+97, DKD08, DDM+08, DR89, DSS07, DT08, DDB14, DWS12, DHC+17, DCMW17, EAS+18, ESFD06, EW97, EMJ+13, ESPP01, EA17, FLR13, FRB+14, Sou91, FP14, FP13, GGY+18, GVBG17, GVB13, GAW+18, GJS+94, GGJ13, GS05, GDJ+13, GJ15, GL94, GL95, GCLL18, Gos10, GB10, GMP+18, GRX19, GAB+96, GZWQ13, GNW10, GTMZ17, HAB05, HFM19, HSM13, HAP11].

computing [HDC+94, HZCW17, HKPT10, Her91, HMLZ18, HMA18b, HZDS19, HNO+18, HMW+19, HZ10, HYS17, HYS18, HXC+18, HMP04, HG92, HPK10, IT05, JSK+06, JAA07, JAA09, JSMG18, JNY06, JMO1, JEB18, KN1+18, KBM+17, Kar01, KANS18, KZ17, KKKM13, KB18, KMN1, KAW12, KBMW+02, KIM07b, hKfC09, KMJ18, KLH+18, KACN16, KV09, KJ12, KH18b, KB09a, Kos95, KNV+15, Kow84, KGLY18, KJ18, Lau01, LSLS05, LWHC07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LYMZ09, LS10, LLW+12a, LCHW14, LXX+14, LFp+17, LHL+17, LZS18, LW18a, Li18, LLW+19b, LOJ+07, LCL14, LC15, LMXW15, LHX+18, LSDH95, LJW08, LZYC13, LYL15, LHL15, LPL+16, LDY+18, LZLL18b, LLZ+18b, LBPP+18, LSJ+14, LLRS02, LSSH07, MWW+15, MLC+18a, Mal01, Mal02, Mal05, M01, MKH13, MEBA12, MGMT18, MMC+18, MRH17, MPR+16, MSS+16, MLSF16, MSE19, MGA+19, NSS09, NPH19, NRV+17].

compiling [NCCS99, NSSA+14, OD14, ODK+17, OB17, OF07, Ole07, OS01, PZA18, PAl3, PdASM18, PWY03, PMMAM13, PGTBC18, PMCC18, PSY+19, DLMS15, FP06, PPB16, PZY17, PPLL17, PS13, QRW+18, RGN+18, RGAT18, RC13, RBN13, Raa17, RR18, Ray05, RBS93, RLM18, SB14, SH99, Sar02, STH+98, SPJ17, SBB+10, Shi04, SA19, SG13, SSZ13, SF+09, SM+14, SBD+18, SLS+09, SYK+17, SJV12, SD07, Ste94, SRCR07, SG15, SBA+05, SZGbC04, SHLB08, SSP17, SLL+18, Sm92, TLC+15, TZL118, TGM+19a, TKT+08, TJK100, TGM+19b, Tur18, VCV+12, VAR14, VB18, VPT+15, VCL+19, VSSD13, WH05, WTK07, WZC08, WTR+13, WWCN13, WQ14, WW14, WWRS16, WCL+17a, WWDF18, Wan18a, WMY+18, WXZ+18a, WDKV19, Wit94, WXZL11, WZCH17, WHYZ17, WMJW18, WHHS18, WPS+18, WHZ19, XZ11, XX14, YFY+13, YJS18, YSHM19, Yat88, YW12, YVCB10, YCH19].

computing [YY11, YGYW16, YCX18, YAX+18, ZAA+14, ZMS+06, ZGZ+10, ZLZ13, ZHZ+16, ZWCH17, ZBCT17, ZTKF17, ZCX+18, ZCL+18, ZZL18, ZZF18, ZLY+19, ZSH12, ZZZ17, ZL12, ZEO01, ZSW+18b, dSGD13, dACAM13, vKvWD+13, vDrR87e, vDv89b, AHH11, CC11, CF09, LL1AH13, MGR11, SR03, SGN+17, YX+18].

computing-enabled [LW18a].

collection [HRJ+06].

collection [KAT+18].

Concept
[HLV+16, WZL18, GGM+09, HXC+18, LL03, TSG17, TG04, WAQ+06, ZDW+18].

Concepts [OFMZ18, PSS01, TAB+18, Ano86i, DSSU97, TBK06, ANN+92].

Conceptual [FJO06, CIL10, UZ11].

concerns [FSC07].

Concurrency
[TG07, Vin16, JK92].

Concurrency
[BS91a, CHS+18, AB17, AB18c, BP01, BS92, CLP95, EL98, GGS13, LM90a, RBJ+13, RGDM16, RM11, Sun92, d900].

**Conditional** [MAC+17, CLM+14a, HYF18, IOV+16, LY18b]. **conditions** [DS04b, KDE04, MLGGB+17, MSE19].

**Conductor** [PL96]. **Condors** [ELvD+96].

**Conference** [Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. **conferences** [Ano94e, Ano96a, Ano96b].

**confidence** [DCC13]. **confidence-based** [DCC13].

**Configurable** [CBT+19, Dor05, JNPY06, XWRZ19].

**Configuration** [PA01a, BORM07, CFMC19, DvdHdL06, GGTRRC16, LMZ+14, MD92a, MBS13, PKI+18]. **configurations** [CMVA18]. **configure** [KPM+18].

**Configuring** [BYL+18]. **confirming** [Niw89].

**Conflict** [WCH+18]. **conflict-aware** [WCH+18].

**Conflict-aware** [DS04b, KDE04, MLGGB+17, MSE19].

**Conflict-guaranteed** [KLP19].

**consistent** [PY00, ZSP17]. **consisting** [Shi92]. **consolidated** [SS13, ZFW14, ZLL+16]. **consolidation** [ADBO18, CFF14, FNCRI11, HMI17, HZZ+14, IDM+16, JFZL17, KCV11, LYYY17, LYYY18, LLWW18, Man15, MP17, RT15, TD16, WCC+16, WLA18a]. **consolidation-aware** [WCC+16]. **consortium** [HZLH19]. **constant** [KHJ10]. **CONStanza** [PDDS10]. **constrained** [APA17, ABE16, AB17, ABN17, AB18c, CXL+17, CLM14b, DD05, DSCJ18, HY09, KCK16, MD15, MN19, NK15, PFC04, SSL12, SGJ18, TLL+11, VVB13a, Ven09, ZY+18]. **Constraint** [LPMY18, SSG17, DQLW15, DKFKF18, FCY18, GPS13, Hal88, LYYY18, TSTD16, WLP10, XJY+18]. **constraint-based** [DKFKF18, Hal88, LYYY18]. **constraints** [CSL18, FX07, GQLX18, HZC+08, Li18, LD17, LT+05, LPL+16, LT15, NP03, SZK16, SL87, TSB18, WTM+17, WZWC18].

**Construct** [HPZL18]. **Constructing** [CFL+18, ZZL+10, GNGG17, HQ10].

**Construction** [KMZJ16, BJWZ08, CPB00, DPS16, LLS+14, PRN14, TWZP18, T05, YJA03, YPHZ14].

**Consumer** [GMCM16, GCM18, FFC12, HMA18b, ZL18]. **Consumer-centric** [GMCM16, GCM18].

**consumers** [CAC+15]. **consumption** [BdM11, CRB+16, HCHH19, IPCA+16, LCZR12, DPBK16, MPF+16, SRP19, VGC+13, WOPW13, ZAC+18]. **contact** [Ned06].

**Container** [KS17b, LGMV02, MG19, PMCC18]. **container-based** [KS17b, PMCC18].

**containers** [SF19]. **contaminant** [RS99]. **contamination** [ST98].

**contend** [BA17].

**Content** [ARP14, EGAQ09, GC00, WSQ+18, AAF18, BCR+12, CdRRdB19, De 88, DFLO17, DS08, FLM17, FMS08a, FM08, FR08, GVI13, GGH+19, HCC+14, HDDL13, LLLM13, LMZ+14, LLF+18a, Lzp+18, LLWW18, LSYC18, LPE08, MM08,}]
NKX09, OCdAM07, QP08, RLL+17, SMA08, SYT09, WLA17a, XWJ+16, YZZC19, Zin00.

Content-based [EGAQ09, FLT17, OCdAM07, QP08, SMA08, XWJ+16].

content-defined [WLA17a].

Contention [BS09, KIMR15, DLXR14].

Contention-Aware [KIMR15].

Contention-based [BS09].

Contents [Ano01b, Ano05a, Ano05b, Ano11b, Ano12i, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano14d, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, CWJD19, MSM+18b, SKS+18].

contests [WXYL15].

Context [ABTA18, ACSV18, KRD+19, ZGZ+10, AGA16, BN17, CHY+18, DMG+08, FG18, FNA12, FD95, FKT14, GA13, HS9+18, JOSD19, LRGJ19, LG08, Lok12, NKB19, POJ+16, PEG05, RMSMP17, SGG+07, SM01b, TCB+17, UGBM+17, WYL+18].

Context-Aware [ABTA18, ACSV18, KRD+19, CHY+18, FKT14, Lok12, NKB19, UGBM+17, WYL+18].

context-cloudlets [Lok12].

context-sensitive [JOSD19, WYL+18].

contexts [XYLZ18].

Contextual [MLL15, dSMAdR+17, FNZ14].

contextualized [SA07].

Contiki [ZAI+18].

continental [MBC+11, RV95].

continents [UNM+16].

contingency [DCC+14].

continual [ZLXZ18].

Continuation [DP03b, PPAAK99].

continued [WTS14].

continuity [MBMTJR18].

Continuous [DS04c, KC19, PLGM4dF18].

continuum [Low01].

contrasts [HWWT12, HZM14].

contract [VVB15].

contracts [GPK05, LKA+08].

contracture [MSA+19].

contrasting [MRL14].

Contributing [FTK17],

contribution [MCWP16].

Contributions [Ser95, ALFR16].

Control [ABF93, BT93, BL92, CDR+18, KESL17, YLWW18, AHP16, AT+96, AR98, AMHJ10, BR18, BM03, BX04, Che13a, CYZK15, CSM+18, CZH+18, CJK+18, CSC+92, DCM13, DA03, DL03, DLDGMP16, DH18, FG+16, FNC11, FM05, FX07, FS18, FSM+18, GHMX10, GZLZ16, GID19, GWO03, GY90, HLW12, HXW92, HXL00, Hua10, HDB18, IS18, KRD+19, KLS+03, KKS+18a, LHO17, LLL+19b, LHC03, LZZ18, LLZ+18b, Lop03, LC03, MYH+18, MS10, MLG+18, MR13, MW18b, MWPV12, NRV+17, NLW17, NJ6, NA19, FWW18, QCX18, RSL18, RVA01, SMA08, SMS18, SCL14, SYK+17, SCP09, SRR17, TDC+14, TG07, TV16, VVP+19, VFB14, WC06b, WCO06b, WZC08, Wan18a, XSM15, YXZ18a, YA02, YAX+18, ZYK17, ZCL+18, ZFH+18, ZSL+19, dSNB19, vNL19, BL13].

control-Application [BR18].

control-theoretic [FGJ+16, HU10].

Controllable [FH13, YD18, ZWGC19, GZ04].

Controlled [BP02, GFR+06, DSS98, KKP00].

controller [FJ+16, Röb05, ZD+19].

Controlling [GCD+18, HAAH+05, PEC19].

controls [EV96, EL98, QGT+18].

convection [JNR01, Tab06].

convection-diffusion [JNR01].

Convenient [BKL01, WHY17].

Convergence [Kim14, SPS18, CDF+05, GUT00, LJJ18].

Convergent [MFT+17, TSWL17].

conversion [AC01].

conversions [Rus90b].

Convert2Java [AC01].

Convex [SSM95].

convolution [LYV+18b, vWMBS14].

convolutional [AFO+18, AMB18, ASY18, CZH+18, HUY+19, LLL+18, TBS+18].

cooling [Len16].

cooperating [CWD04, Reh06].

Cooperation [Nar86, BDP11a, FMN+17].

Contributing [FTK17],
JFDF09, Smi86, XDHL12, CKK⁺04.

cooperation-oriented [XDHL12].

Cooperative
[EA13, FMR05, GP09, HDH⁺18, HMC06, JO11, Nag86a, PP07, PMPH⁺11, RRB10, SYJA19, Wah84, CZY⁺18, CBK⁺01, DPL14, FTH16, LJ17b, LD17, Mer13, PNZ14, RHM08, YC13, Zhu18, ZL04a].

Coordinated
[FX07, BCH⁺08, CRZV15, ZXD⁺19].

coordinates [HHZ16]. Coordinating
[GDR⁺14]. Coordination
[THN⁺06, YZZC19, FTP14, MSBA16, PA01a, Pp05, Pr07, WKT00].

coordinator [CTVB12]. cope [ZCS⁺16].

Copernicus [PPLL17]. copies [Dup90].

copilots [PWP⁺18]. Coprocessor [SK97].

copy [DS00]. copy-hybrid [DS00].
coral [FEPC18]. coral-reefs [FEPC18].

CORBA
[Lan00, LRW01, LDS06, LLSR02, RdSH⁺00].

CORBA-based
[LLSR02]. Core
[HTO2, TAB⁺18, CKJ06, EDH⁺13, HAF⁺16, HYZS16, JLY⁺18, LC14, LLG⁺16, LG16b, MWYC12, MAC14, MCA⁺18, MBM18, MGM18, MCF⁺11, MMLR17, PSSP16, PLL⁺18, PSLZ18, PKI1, PRC⁺14, QZM⁺18, RS17b, SK18, VD16, WJZ⁺17, WWZC19, WSH⁺16, YMWI3, YLJ⁺17, YZ12, YD19, ZAB15, ZL⁺14, ZHHQ18, VK17].

core-shutdown [WWZC19]. CoreFlow
[KRLG18]. cores [Eng14, HLZ18]. corner
[HTL⁺18]. correct
[GP96, BMG19, Pr07]. correction
[KDHP16, KA88]. correctness [MD92b].

Correlation
[FA⁺18, GJY18, GHP⁺18, YLY18, YGY⁺19].

correlations [LD17, dFPFG19].

Correspondence
[DMN⁺05].

Corrigendum
[AB19a, BFR⁺17a, Cha14b, HYS18, NDZ⁺18a, NDZ⁺19].

corruption [LSZ⁺18]. CoSHE
[PMDS18]. COSHH
[RD14].

cosmic [NMZC06]. cosmology
[LB03]. Cost
[APAZ17, ALK15, AK14, BKKM11, GR07, KV17, MFN13, MEBA12, WMX⁺17, ZQB⁺18, ADA⁺19, AL18, BSE⁺13, BG05, BBB⁺19, CRM⁺16, CHSA18, CWJ⁺18b, CSQ17, DMC⁺19, DR18, GBS10, GD10, GS16b, GE90, HGG⁺14, KK16, LGY⁺16, LGL⁺17, LEW19, LLY⁺19, MJDN15, MFG⁺14, OCCK14, RS98, SD02, SHJR04, SGJ18, SBA⁺17, SDD⁺09, SK05, SYAL13, TDSH16, VVB13a, WYW17, ZG19, ZXL18, ZSS⁺19, de 94]. cost- [MJDN15].

Cost-aware
[ALK15, GS16b, HGG⁺14].

Cost-benefit
[MEBA12]. cost-constrained
[KCK16]. Cost-effective
[GR07, WMX⁺17, CWJ⁺18b, CSQ17, DMC⁺19, KK16, MFG⁺14, SBA⁺17, WY17].

Cost-efficient
[CRM⁺16, GD10, SJJ18, VVB13a].

Cost-optimal
[BG05]. costs
[KACN16, MD12]. count [XWX⁺17].

counter
[DLDTGMMP16, VOCH17].

counter-forensic
[VOCH17].

counter-measures
[DLDTGMMP16].

countermeasures
[FAA⁺18]. counters
[CLP⁺14]. couple [BC17]. coupled
[AGP⁺92, BC15, BDNP92, KM94, LLS⁺14, MD92b, MR04a, Mis92, SMK05, ZCT⁺04].

Coupling
[BC15, HNS05].

couplings
[PM14].

Courier
[AT18b, ZFW14]. course
[BLB03]. coverage
[LWH⁺18, LZXG12, MLL15].

COWB
[DMPP16]. CFPL
[AHEM17]. CPRS
[LCH⁺11].

CPU
[FSV⁺19, LLW⁺19a].

CPU-based
[GJF⁺12].

CPU/GPU
[CDG⁺14]. CPUs
[ZHHQ18].

CR
[CLL⁺18a]. cracked
[OS06].

Cracking
[VM⁺19]. craniofacial
[CPE⁺17]. crash [HDC⁺94]. crashes
[PWP⁺18]. crawler [BLMU19].

Cray
[KBVH14, MPPG96, SCK⁺00]. CREAM
[AAB⁺10].

Creating
[BAB13, NWE04, RGGGSSZ14, SMS13, RSSD02].

creation
Kos00, LY18a, LLCF11, MQN19, NA19, PNH99, PDDS10, SL87, TG07, ZMIN99.

**Datacenter** [YM+17, ESPN17, KMJ18, LKTC14, SHRE16].
**Datacenters** [LIGW18, LPBB+18, MRH17, SSP17, WCC14, XWM18, ZG19].
**Datacentre** [Len16].
**datacentres** [PLLA18].

**Dataflow** [GY90, Gur85, GBT87, HG92, KSY92, PPLL17, ZT90, ZT91].

**DataGRID** [VBP03].

**DataMiningGrid** [SSK+08].

**Dataset** [WZZ16].

**Dataspace** [CDH+19].

**DataSpace** [HLCL16].

**DataTAG** [MFP05, MMFM+05].

**DB** [PYH+18].

**DBaaS** [BBB19].

**DBMS** [MGV+18].

**DBMS-based** [MGV+18].

**DDL** [FB97].

**DDoS** [BBB16].

**DDoS** [BBB16].

**DDoS** [BBB16].

**Deadline** [ANE13, APAZ17, ABP16, ABN17, DQWL15, FCY18, HLW12, MJDN15, SGJ18, TSB18, VVB13a, WTM+17, ZYB+18, ZQZ+18].

**Deadline-aware** [ZQZ+18].

**Deadline-constrained** [ANE13, APAZ17, MJDN15, SGJ18, VVB13a, ZYB+18].

**Deadline-driven** [VCKB12].

**Deadlock** [CWW+16].

**Deal** [MCG+15, SHBP10].

**debugger** [CLP95].

**Debugging** [AW03, FSP02, RCD03, BW95, Kak00].

**Decay** [PKA19].

**Decentralised** [Low05, PWA+19, STMV18, Vat93].

**Decentralized** [CLNR18, HNK18, JTS13, LS07b, MPC+18, OEE13, RLP12, SHRE16, TGM11, ATFI11, ABH18, CCL11, DCF19, DA18, FWB13a, HB08, HXL90, HBN+13, LHL09, MML+18, MT17, MOBD18, GMLPPJ13, RRB10, SCMS12, TY11, YBQ07, YLA18, ZMH+18].

**Deceptive** [CWZ+17].

**Decide** [MOBD18].

**Decision** [vdR87, AFSH+19, AW97, BBW+18, BKB18b, CLY14, DSH+99, GS05, GBKJ18, JNS+19, KMI11, KKS+18a, KFBKD14, LPK18, LPK17, LK07, LRS19, LYS12, LDY+18, PP07, RT16, SB97, VDK12, WY17, XYLZ18, YCH19].

**Declarative** [TA96, ATdC+16].

**Decoder** [KA88].

**Decoding** [PSPP16].

**Decomposed** [SKJ01].

**Decomposition** [dRSS97, ABMMC18, LTZ15, WGM15].

**Decentralized** [CGL05, PWA+19, STMV18, Vau93].

**Decentralised** [CLNR18, HNK18, JTS13, LS07b, MPC+18, OEE13, RLP12, SHRE16, TGM11, ATFI11, ABH18, CCL11, DCF19, DA18, FWB13a, HB08, HXL90, HBN+13, LHL09, MML+18, MT17, MOBD18, GMLPPJ13, RRB10, SCMS12, TY11, YBQ07, YLA18, ZMH+18].

**Definitional** [KNP09, MEB12, MR03b].

**Define** [AM06].

**Definition** [CGT07, GHO+11, HML+06, LRJ+06, LS05, Szut01].

**Deforestation** [ALFR16].

**Decomposable** [RDSA18].

**Decomposition** [dRSS97, ABMMC18, LTZ15, WGM15].

**Deep** [ASYF18, HDA+19, ZZZ18, AQR+18, BWG19, CLCMG+18, CFMC19, CAL+18, DFG+19, DC18a, HDKC18, HUMA18, KMK+19, KLJS19, LLH+17, LU+18, RSY+18, SD18, TBS+18, TWY18, WCB+18].

**Deep-learning** [CAL+18].

**Deep-regression** [AQR+18].

**Default** [ATT96].

**Defense** [DCC13, GHYK18, NNC+19, VSP+14, ZJW+14].

**Deferrable** [CSQL17].

**Define** [ABD+19].

**Defined** [BRH18, IDKD18, RGSL18, SMG18, CJK+18, GZLZ16, GHYK18, GXL+18, JAAD+16, KJII11, LLW+19b, LXM+18, LRC+18, NAGD18, QCY+19, WLA17a, ZGL19, ZBC17, ZZS18].

**Defining** [CMS09, MEB12, MR03b].

**Definite** [AM06].

**Definition** [CGT07, GHO+11, HML+06, LRJ+06, LS05, Szut01].

**Deforestation** [ALFR16].

**Deformable** [RDSA18].

**Decomposition** [dRSS97, ABMMC18, LTZ15, WGM15].

**Deep** [ASYF18, HDA+19, ZZZ18, AQR+18, BWG19, CLCMG+18, CFMC19, CAL+18, DFG+19, DC18a, HDKC18, HUMA18, KMK+19, KLJS19, LLH+17, LU+18, RSY+18, SD18, TBS+18, TWY18, WCB+18].

**Deep-learning** [CAL+18].

**Deep-regression** [AQR+18].

**Default** [ATT96].

**Defense** [DCC13, GHYK18, NNC+19, VSP+14, ZJW+14].

**Deferrable** [CSQL17].

**Define** [ABD+19].

**Defined** [BRH18, IDKD18, RGSL18, SMG18, CJK+18, GZLZ16, GHYK18, GXL+18, JAAD+16, KJII11, LLW+19b, LXM+18, LRC+18, NAGD18, QCY+19, WLA17a, ZGL19, ZBC17, ZZS18].

**Defining** [CMS09, MEB12, MR03b].

**Definite** [AM06].
defragmentation [RT15]. degeneracy [DMN+05]. Degeneration [TBS+18].
degree [LJJ18]. Delaunay [LGMV02, XSM04]. Delay [ACC+19, BARMB14, CLR17, KV09,
LCL14, RMDMB18, SZK16, VSKS19]. delay-based [CLR17]. delay-sensitive [LCL14]. delegated [SBL18]. delegation [AH11, JSMG18]. deletion [LZLL18a]. Delphi [ACGdT02]. deluge [TGM+95]. Demand [CAB+18, BPS+03, DEG+17, FMR05,
KLM+05, Len16, LWH+18, LWZ18, MHW+16, PYH17, SSF+09, TDC+14, WWC+97, SCN+14]. demand-oriented [LWZ18]. demanding [MVT+99]. demands [KPM+18, SCB04]. dementia [NDZ+18a, NDZ+18b, NDZ+19]. demonstration [CALN03, HRJ+06, VRGR16].
Density [GBY16, ZSZ14, DRS04, LZXW13]. Density-based [ZSZ14]. deontic [SZR18].
dependable [AR07, BCC+17, WTK07, WY17].
dependence [XF16]. dependencies [BBI13]. Dependent [BB17, CP06, Du4a9,
GTMZW17, Nos98, Tab06]. Deploying [PCBD99, MVC+13]. Deployment [TCB+17, BJA+05, BARMB14, CZY+18,
CddCD07, CGL15, HSH+07, KTKN11, LWH+18, LLW+12b, LSMVML13, MAJD18,
MGLPPJ13, MCSA18, MW12, PSP+09, PPSS06, RCMT18, VCL+19, VSDD13,
dOWdAS+18, WG13, WLH+19, ZLZ13]. deployment-based [CdCD07].
deployments [LD+13]. depression [CFL+15]. Depth [HZZ+18, XTL+19].
Derek [Ano87b]. Derivation [DRNMC09].
derivative [GKS05]. derivatives [BBL+05, SBLT05]. derive [LN13]. derived [De06, YMW13]. Deriving [MdOO+17, CHSA18, CFV03]. desert [MLW18a]. describe [vdHDT+06].
description [DJP18, HK88, KGD11, PLCG11, Sun10].
descriptions [BH90, XLL+18a].
Descriptive [SGdMM96]. descriptor [LZL+12, PSS+18, Var03]. Design [AM18, AAB+10, CCDS08, CBS17,
DCBF19, DVD12, HZDS19, JO11, JNR12, K011, KANS18, KLM+17, LCP04, LHY+04,
LL04b, LJS17, LC03, MK17, MSK03, MCWP16, NSS99, NP06, PSR+07, PMT10,
Qin07, SPR+10, SYCH18, TMM+13, TBB+17, WDKV19, XKJ+18, ZY90,
ZYA+18, ZZ1Q+19, dSK+19, AO06, AMB03, AAD+13, BFP18, BBC+99, BKG05,
BSRR18, BB06, Cur92, DM109, DGDV92, DGS09, DSD+11, DBD+14, ECPF17b,
FD02, FAP99, FZT+18, Ger02, HB09, HIA+18b, JLQZ18, KKL09a, LRY17,
LMH+09, MB01, MOBD18, MBZL09, MNY+19, MVT+99, RHY+18, MWMA10,
Nem00, PPJ95, RHY+16, Roh05, ROC+11, SCK+00, TW+18, TC92, UZ11, VVC+03,
VSM02, VR00, VPP+19, VP94, WWD+14, WXYL15, WGM15, dOWdAS+18, WKTO0,
ZDL+13, ZL+14]. design-space [SCK+00]. designed [ZJWZ14]. Designing [AB18a, BGL+05, GBE00, OdOD+13, ST98,
XLL+19, CFPC17, DGCH+17, Mer17, TKT+08].
desktop [BCC+07, CCL+14, DRO07, FK12, KFWK16, KFC+07, KJ12, KKL11, LILW13, RLP12,
SW+18, TPBS14, VK14, WFC07, CB10, KNK+08, KLM+05, LT070, SBHD08].
DESRP [LD18]. desynchronized [Tur18]. detailed [LR06]. detect [JXC+19, SAG19, ZZN04]. detected [BCF16]. Detecting [Ano87b].
[BOHCC17, RKB18, WLW+18, AMM16, CZ14, SCB04, SM18, SK05]. Detection [GMLGB+17, GHP+18, GLXF17, SAPA17, ZJW+14, AD18, AMI16, AHMS18, ASYF18, AKM18, AS18b, ALFR16, BTG19, BBH18, CXZC18, CCCP19, CRC+19, DJPM18, DNJG17, DC18a, ENC+12, FJ18, FZHH14, FCD+14, GAFFOG12, GPV+14, GRS+19, GNGG17, GSY+17, GMCN16, GCMC18, HTL+18, HHS98, HNCJ13, HZZ+18, HZW+16, HAA+16, HIA+18c, JNHL18, KHWZ18, KIAD17, KAW12, KTV03, KKP00, LRL+14, LYJ10, LLN+18, LJJ18, LYXT14, LSL+15, MAY18, MGA+18, NK18, NGB18, NJ17, NO19, PMK18, PRW14, RBGA18, SPT+18, SC19, SOD18, SD18, SMRM13, SI18, SSA+19, SB18, SGS+18, SBK18, SJL+18, TBS+18, TMB+19, VSN19, WWH+17, WJS+18, WWZZ18, WXZ+18, WCM+19, XFTZ16, YJW+18, YARH18, YCWX18, ZH+18, ZGV19].

detector [MdFTGM19]. deterioration [WWX+17]. determinant [GSC11]. determination [Dö05, KK10b]. determine [FM10b]. Determining [SOA17, SS17]. determinism [WPGN+18]. Deterministic [Gue01, MKH06]. deterministically [LOK09]. deterministically-routed [LOK09]. develop [Ham19, ZBF14]. Developing [AAB+92, DW87, GW01, HZZ+14, HCJ14, LLMP13, SR19, GJS+94, Ham17, Kim14, LJS7, LGS+07, LKJ+17, Reu03b, SW+13, TKA+18, WCH+18]. Development [BFR05, BHH01, DDO+92, GML99, IMB99, YA02, DBCY05, BHH92, Cas94, CGL15, Dal03, Dek86, DZJ+00, FJ00, FR08, FSP+18, HRSW99, Hen87, IMSV90, KDFL99, KV03, Li90, LHWS07, Mat89, MMPF19, RG04, SBLW14, Sim12, SHJS+10, TBK+10, TF17, TBCB18, WWSM98, dBFB+16]. developments [Sch94, SSZ13, YAGG18]. Deviation [WYH+17, HKP10]. Deviation-based [WYH+17]. Device [HCHH19, WWVJ17, CLK+11, DLR+09, DSBC19, FRM+18, FHG95b, Kah92, LPL+16, MKS18, SGFS01, SLK03, SW06]. Device-to-Device [HCHH19, WWVJ17, DSBC19]. Devices [WLP18, APRC16, AT9a, AKB+18a, BSBR18, BOP+14, CRRC18, CBPP18, CR+19, DC17, EYY+19, GMM18, HMP18, HCW+18, JKK17, KNU19, KK97, KKA18, LKJ+19, LCMX+16, LNY+18, LYL+19, MMC+18, OB04, RSRA18, SAGB17, SGS+18, TLC+15, VFHB+14, Wan18b, WGX+19]. DevOps [WBLK16]. DEVS [SZP00]. DEXIN [FLT17]. DFIN [HC18]. DFT [BST+04]. DGC [TF18]. DHT [HNK18, HZ10, PTT12, TJWS10]. DHT-based [HNK18, HZ10, PTT12]. diabetes [GP11, VFHB14]. diabetic [NDA+19]. diagnosis [AAN+18, ASI17, BvdBM+93, CLZ18, CFL+15, CD99, DFT92, FM01, Han89, KHO+19, KLV+18, KE85, MH01, Sus89, TVH99]. diagnostic [ASTEP98]. diagonal [DL03, PSS+18]. diagram [KS02, SCK+00, WZW+19]. DIALOG [ZT90, ZT91]. DICOM [EGAQ09]. dictionary [DPS16, ZWWL18]. difference [AO06, BG12, CS93]. differences [Nit86, PBK01]. different [BARM14, DFGR14, JZL17, RJJ+19, RWW+18, SD06, SCG+18, vM94]. Differential [DL03, BC03, Del06, HZ18b, KS18c, LWZ18, PSY+19, SS03]. differentially [ZLX18]. differentiated [PEG05, SBPT07]. differentiation [Buc05a, Buc05b, Fan05, HNP05, HGG05, HNS05, Pal06, Rö05, SBLT05, TSHB11]. DiffServ [BLO+18]. Diffusion [BKS98, vds04, BMP01, Ban02b, DH16, JNR01, KZC04, Mar02, WRCC17, CSV+12]. diffusive [BMZ10]. Digital [AFS16, LCHW14, MC+11, QC13, QC18, SR19, TS08, CCM18, DGA18, FBBW99, HESM99, KY85, LCH+11, MJGW18,
BW95, BB06, BDZ13, BAD+05, BGMLS17, BDL06, BFW+03, BRNR15, BGR+99, CMZ+12, CPGs+13, CM01, CST92, CWD04, CZL+18a, CDF+05, CRC13, CLR16, CBK+01, CDDR17, CLL11, CBT+19, Cho04, CMC+14, CS03, CGST09, CGM+18, CRM05, CBBdL16]. distributed [CLML4b, DCL00, DBA98, DAM08, DT93, DRNMC09, DR15, DMM+08, DL00, Din03, DiM10, DDB14, DM12, EKI1, EBOY14, ECPF17a, ECPF17b, FGRZ09, FB97, FAJP99, FGG13, FJ00, FFP610, FM10a, FBW99, FSP+18, GA13, GMEL08, GAI+18, GA06, GIM16, GM11, GTK15, GW01, GSY+17, HC99, HAC92, HKPT10, Her91, HST+18, HPP94, HZDS19, HLNMI1, IS18, JRJ+11, JSK+06, JLD+19, JOh92, KMB16, KS11, KANS18, KYB+19, KB18, Kim07b, KNK+08, hKCF09, KKLO9b, KOB92, KB00, KBB+16, KOP+17, KKKP00, KJ18, LB03, Lan01, LR06, LCBF13, LL03, LZL+17, LGW+17, LKGO8, LWSC07, LLW+19b, LC15, LSH+11, LZXG12, LKK+16, LBU+10, LCCM18, Lu89, Lu000, LM12, LMH+09, MYHZ18, MCSS00, MSS+16, MLSF16, MAA+19, MGLPPJ13, MROD10, MNR02, MW12, MQN19, NFK10, NSI02, ODK+17, OLe07, OSt92, OS01, PBV+13]. distributed [PdASM18, PYY00, Par04, PSW+14, PH99, PXT07, PGTBC18, PDS+06, PMT10, PYZ17, PCBR99, PBVH05, PSBB15, PQ08, RHH+16, RB08, Reh06, RLLRC13, RMHCMG15, RMHM17, RM97, SGR1T9, SZC05, Sap88, SZP00, SBSdL06, SY04, SD02, SLG+17, SMSF18, Sin92, Slo96, SD03, SHJ06, SLO+05b, SHLB08, SM06, SSSL+10, TC06, TJL10O, TDBL16, THT12, TBNF09, UDvdW+18, VPT+15, Vau93, VR00, VLC03, VBSL09, VOS12, WHZL10, WTR+13, WWW+16, WHS+17, WHSH99, WHYZ17, WHYZ18, WB90, XWZ+19, YA02, YHJC05, YJS18, YZW14, YWF+10, ZCT+04, ZLD+03, ZMS+06, ZWL13, ZWW+13, ZXS+15, ZWHC17, ZTKF17, ZWJ04, ZCW+04, ZW10, ZB19, ZSB19, dSGD13, dKdOS03, dLB10, BCF+10, CT09, WA06, YMY+17]. distributed-data [FB97]. Distributed-Memory [BM92].

Distribution
[KK19, KT17, AC18, BMT06, BGP+17, CRC13, CYH04, CdRRcB19, DLW07, DS08, DJH+19, FHZW18, FR08, GZL+18, HFM19, HAAWH+18, KTKN11, LBD18, LGH97, LJY10, LSYC18, LOK09, LW+19, MOFGP18, NKX09, NMYC06, NK17, SA14, Tor13, USK16, VCDK18, WFC07, ZTKF17].

distributions [BARM14, BDHHK06].

Disturbances [VLAC+13]. divergence [VS13]. DiVers [HDO16]. diverse [CCJ16, CFFC17, MC04, NK18].


divider [DJJ+18]. divisible [AOIS10, GOBL16]. DLM [Pud87]. DMPO [YCX18]. DMPP [Ste92]. DMZ [XLL18b].

DNA [CGH04, CS05, kar01, NRV+17, WMN+01, ZRL18]. DNS [LJK+19]. do [ACBM15, AMRM18, LMZ+14].

do-it-yourself [LMZ+14]. DOC [SSG17]. Doc2vec [CXZC18]. docking [IPG+18].

doctoral [SR03]. document [FC09, LYT+05, LLS+14, TDBR18, ZL04a].
documentation [WGM15]. documents [BD18, CZ14, KFF98, SW17]. DOE [RS16].

Dolev [BDNN02]. DOM [GCC18].

DOM-Based [GCC18]. domain [AMI16, BFK02, FSS+18b, GGLZ16, GXD+09, GDAS18, GSY+17, HNDD06, KZA+18, LKA+19, MvdV01, Pri95, SC19, SMC18, SCEC18, SLY+19, SSB13, WMBV17, XWZ+19, XLW+17, YZL+18, YLC+06, vOHHD+05]. domain-oriented [XLW+17]. domain-specific [BKF02, KZA+18]. domains [AL14, BCP03, KOT18, LLM+16, SG17].

dome [KO11]. dominance [ZZS+19].

Dominated [BRH18]. Donald [Ano87].
Donating [WPJ16]. Dooros [vdR87j].
Dordrecht [vdR87f, vdR87k].
Dordrecht/Boston [vdR87k]. Double [LEW19, DCBF19, KA88, LBJ+18, LY18b].
double-orbit [LY18b]. down [SCH+19].
download [CGL08, Li15]. DPM [CGM+18].
DPRank [LXM+18]. DQP [LMH+09].
dragon [CLR16]. drainage [ZMZ+19].
DRAM [CSJ+17]. drawing [Buc05a].
drawings [Niw89]. DRAxML [SLO+05b].
Dreyfus [Zad87]. drift [HXC+18, TRSRG17].
drive [SYW17]. drive-thru [SYW17].
Driven [VV92, YTSH84, AJY12, BFS+17a, BFS+17b, CVKB12, DCC+14, DWS12, FC05, FCC+18, FZT+18, FTP14, FG14, FFC12, Fr94, GEG14, GBF+12, GMP+16, GKT15, Ham17, HHIK18, KCK16, KAD14, Kol18, KKS+18, Lw141, MTH+05, NJH+18, NJ16, OHTS89, Pal13, PMK18, PKC+05, PDAF12, RZ16, RBN13, SBG+09, SLZ+09, SMS14b, TCBC18, VCK12, VETTL16, VPP+19, VWCV94, WH+19, YMLT13, ZAA+14, ZCX+18].
driver [JCMPPC+18]. drivers [FPW+18].
drives [PLZX19]. driving [FPL+19, LKM91]. drone [LLN+18].
drones [PEC19]. Drop [CPN+19].
droplets [DY04, QC13]. DRTHS [HDA+19].
DRTM [DJZ+15]. drug [HSV+17, KKL11].
drugs [WGA19].
drying [Jun18]. DSM [CCS+10].
DSM-based [CCS+10]. DSP [EF00].
DT [vKwD+13]. DTA [XWJ+16]. DTN [WSZC18].
DTRM [LHX+18]. dual [BWR12, BW13, ESPN17, VAAP12, ZR07].
dual-band [VAAP12]. Dual-Level [ZR07]. dual-port [ESP17]. duality [UM02].
dumps [Dal06]. duplex [WG+19].
Durham [Her87]. during [AKM18, BWR12, Niw89, RS17b, SK18, SLC+17].
Dutch [BVP+87]. DVC [CT09].
DVFS [BBC+12, KAEC+18, WCC14].
DVS [LLC14a]. DWARN [WZS+18].
DWT [KHO+19]. DXT [HSP+13].
DYMOS [Suz89]. Dynamic
[AMT+12, ABAB9, Ber00, CSZ+13, DMG+08, DLLDTGMP16, DDR+07, EG18, GGD+18, GMM+09, JEB18, KMK09, KMK+14, LID17, LCL+18, LH07, LWSY18, MNV12, MDO+15, NV11, NSSA+14, OSH96, PTPP16, Reh06, RN01, RSJ+14, ST11, Sch98, SLJ+06, TLYT05, TMW+17, TMP15, TSLR18, WCHL10, XWJ+16, YX18, ZAB15, vOHD+05, AAC04, AFP07, AHL11, AL14, AKPN01, ASD12, AN08, BML18, DN17, DHM10, CSR17, CDHR17, CJHH13, CWJ+18a, CGSV17, CP+19, CBBdL16, DSK+14, DHO12, DRG+15, Dog09, FLT17, FMN+17, FVFA98, FWB13a, GQLX18, GEG14, GS16b, GMEL08, GB10, GNWT05, GLB+18, HZW+18, HRVW18, HWM14, Huo05, HPLL09, HSN+13, JBR+16, JSS+12, JK17, Jom01, KIS11, KCM19, KID+16, KC19, KHS+18, LCP04, LY18a, LXJD18, LYYY18, LH14, LJ12, LN18, LRCN14, MGCO6, MCP+18, MR04a, MTD18, MDD+15].
dynamic [MSE19, MW12, NPP12, PA01a, PAL+19, PN14, PO+16, PF17, RB18, SR12, SHP+16, SRZD15, SLD+15, SLG+17, SGDM96, SGJ18, SYAL13, SYL18, VAAP12, Ven08, W00, WCM+19, WWZC19, WLA18a, WZ13, XWjZyF19, YZL+18, YZ12, YMY+17, ZSWS18, ZDR07, Suz89].
dynamic-key [LCP04]. Dynamical [LMBCC89, BKB18a, GLW99, Lop03, MP06, XTT18]. dynamically [AAB+92, ABN17, LK17, QCY17].
DynamicCloudSim [BL15]. Dynamics [vOB95, Ban05, BMZ10, CM99, FAPJ99, GPS+17, JTB13, JL03, KV+18, MF93, MR00, PHM+99, SCK+00, Tui04, WJL18, WSL99].
e-commerce [KF00, ZL18]. E-health
[WMX+17, RGN+18, PKY+17, YZL+18, YZG+18, ZAA+14]. e-Healthcare
[ZXXL18, JNS+19, LZZL18b].
e-infrastructure [MSS+13], e-Lab [BGJ+06], E-learning [CJN+15, CLL+14, TNY17], e-mail [LL04b], e-markets [VPT+10], e-payment [CLM+14a], e-Science [BDP11b, CBN16, CF09, DGST09, HT02, ZBB09, BHD09, JHL+06, SAGL10, SBG+09, AC10, BH13, KA13], e-Social [LSAM13], e-Toile [BBG+05], e-VLBI [WWD+14], E2S2 [KLP19], Eager [CK00, KGW95, MSS02], eagle [GJGB19, LPY+18], EAMSuS [MPI+18], Early [AAJ17, ACE02, ZPPE17, SPT+18, UZ11, VMN+18]. earth [GNOY01, SSMG95, Bre89, CCM+14, FPX+09, TWC+06, WKZ+03], earthquake [BSE+13, ZPPE17]. Easing [LP01]. easy [ABF+03, MZC08, ZDW+16, vdPGZ+16]. easy-to-use [vdPGZ+16]. Eavesdrop [FZW+18]. EbH [GMdFPLC17]. EC2 [BC15]. ECA [KA08]. ECAI [Ano84e]. ECAL-84 [Ano84e]. ECG [CPK05, GMdFPLC17, IASK14, PVN+12, PLGMCdF18, SD18, WPS+18], ECG-based [PLGMCdF18, SD18]. ecoinformatics [PWB+13], ecological [KSSG16, PSW+14, TSTL16]. Economic [AB19a, ABGMC19, YW12, DS08, HAP11, HAP15, LTN10, RCMDM12, dACAM13]. Economic-based [YW12]. economical [FW+18, LLZ+18a]. Economics [APB18, BAV16, VAR14, ARB12, AR10, TL19]. economy [ABG02, ABF18, KH13]. ecosystem [AMPZ16, DDMG17, GHGP19, GPJ+14, MVL+18a, Sha16]. ecosystems [CMG+19, LMBCC89, ZDZM+18]. ECRC [Gal87]. EDAK [ABB19]. EDAWS [WHY18]. eddy [NEJFP94]. Edge [AR17, AHM+18, CLH+18, DMC+19, GSP+17, LOR+18, MPMIL18, OFM218, SST18, WZM+18, AHS+18, ANG+19, AHU+19, AK18b, CFG+19, CGSV17, CMG+19, EBCP18, GRX19, HHS98, HNZ18, HMA18b, HMW+19, HLT+18, IG12, KZ17, KA19, LW18a, LY18b, MLC+18a, MBMTJR18, QZD+18, RGN+18, RR18, RLM18, SPJ17, SYJA19, SLL+18, TGM+19a, WMJW18, WLY+19, YCH19, YC18, GQXL18], edge-based [CGSV17]. Edge-centric [AHM+18], edge-cloud [AK18b], edge-crowdsourcing [SYJA19], edge-IoT [EBCP18]. Edge-of-Things [GQXL18]. edge/stream [GRX19]. edge/cloud [ANG+19], edible [Jun18]. edited [Zen86]. editing [LHCC18]. editor [Ano87k, BB13, KDFL99]. Editorial [AKvdR86, ADLW12, Ano84f, Ano86g, Ano99, Ano19b, Ano19c, Ano19d, BRLR03, Bru01, CRW+16, DSH00a, FM01, GVTdL18, Her94, HB98, Kaas98, KG01, Mal01, ON85, OS01, PC18b, RR03, RB13, SG95, TKRA14, VN01, Wll01, YAG18, ZEO01, AB01, AD00, Ano01c, BJCO2, DDS00, FBS18, Flu03, HP92, KK00, LBR02, LC01, SSZ13, Tan02a, vdR93a, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano95c, Ano105d, Ano11c, Ano12j, Ano12k, Ano121, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16m, Ano16n], Editors [Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano02b, Ano03h], Editorial [Ano160, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano19a], Eds [vdR87a, vdB87c, vdB87e, DLH+17]. education [AMB03, Avg00, KACN16,
Educational
[AD00, MJ00, Jon00, RMM+98].  
eduGAIN
[TOS18].  
EEG
[AHD+19, De98, JSS+99, KKP+05].  
Effect
[LGMCDF18, Tor04, Bo19, RWY+18, Nit86].  
Effective
[KV17, PKF14, SCBK+16, BAD+05, CWJ+18b, CC00, CSQI17, DMC+19, DLS+12, GR07, HHL11, HCL07, HYC+18, HPLL09, KS18a, KK16, MFG+14, PFR16, RT16, SBA+17, WWW+17, WMX+17, WY17, ZBCT17, ZRZ+14].  
Effectiveness
[YZ18, ECPF17a, Man15, PM04].  
Effects
[JK17, CN17, GPS+17, HSS00, LRYJ17, PM14, Yam92].  
Efficiency
[ZMN09, DDB14, Dua94, FTK17, IDM+16, JLSR18, KSSG16, KG+18, KKvdB+17, KV12, KG+19, LS+18, LPL+16, PLLA18, PR95, SLD+15, Sta17b, SG15, TKA18b, THT12, VEET18, WXL+18, ZMS+08].  
Efficient
[ABB19, BK97, Ber98, BBB+05, CXL+17, CAPG18, CXC+18, DZ08, DLH+17, FGG13, HFM19, HZL18a, HDLW13, JC08, KCV11, LLYW19, LR01, LKG07, LQK+16, LAL+14, LXK+14, LHO17, LNL19, LSTV07, LLM+16, NWMG17, OBG+18, PLH98, PR9+13, PWMX17, PPS+18, PR914, RM11, SJ14, SL87, TLC+15, TV08, VKK14, WCC+16, WHS+17, WCM+19, WZCH17, WX+17, YHL16, YLA18, ZGB+17, ZJX+14, ZWL+16, ZFS+18, ZWJ+18, Aba09, ABMM18, AMH02, AR15, AQRH+18, ARP14, AS18a, AAM+16, AK18b, BK16, BZ19, BAB12, BPS06, BFR05, BMH10, Bu18, CMX+16, CRM+16, CP17, CFCM19, CLM+14a, CSJ+17, CZXL18, DSB19, DHW+17, DAM08, DVL12, DQLW15, DR18, DNP14, FJ00, GD10, GKS05, GK18, GBL+12, GNW05, HMM17, HGH05, HXY13, HYS17, HYS18, HMP04, IOV+18, JYY+17, JLCC12, JFZL17, KKN18, KKB18, KMT14, KLP19, LBD18, LY17, LY18a, LMB18].  
efficient
[LLQS14, LCL+16, LLC+16, LYY+18, LAL+15, LSYC18, LC01, LC15, LZXG12, LG16b, LCMX16, LWZ18, MNV12, MPP13, MMF16, MP17, MZD+16, MLM16, MA+C17, MGLV04, MMRL17, NF07, NP06, NRV+17, NDA+19, NWL17, PSSP16, PZ12, PY00, PWY03, PDH18, PPMM+18, PF17, PVBH05, PPLL17, QZA+18, QM8G12, Rao17, RGLS18, RG04, Ru99, SB14, SC16, SAGL10, SJTM18, SGL18, SLS+09, SRN+18, SCBK+16, SHLB08, SYAL13, SLA+16, SLB+17, SL+19, TDSH16, TPBS14, Tis07, TM05, VVB13a, VTTK17, VCD+18, VGC+13, WHMO13, WFC07, WCC14, Wu16, WPJ16, WHYZ18, WLLH18, XZ+14, XDH+17, XLL18b, YPLZ17, YHD+14, YZWG18, YDT19, ZQZZ09, ZL13, ZTKF17, ZCL+18, ZZS18, ZZXL18, ZXD+19, ZFC17, ZFCl8, dTK92, LOJ+07, MPI+18].  
Efficiently
[ABL04, BRR+04, SSC09, XTF+19, ZC18, BSE+13, KTY03, LH+15].  
effort
[MZC10].  
Efforts
[Amo84].  
EFG
[GY+19].  
EGEE
[FKBG10, VHML10].  
Ego
[GPJC17].  
eHealth
[FFC+18, PZA18].  
eID
[FRZ19, SGCCR+16].  
eigen
[CHJ+04].  
eigen-decomposition
[DP03b].  
eigenvalue
[BV04, Del06, Prz03, SKT+08].  
eigenvalues
[Amo06, CDS03].  
EJOB
[vdR87e].  
EFK
[BRB19].  
EKF-MRPL
[BRB19].  
Elastic
[ISS+15, MLS001, NF07, BKKM11, CRM+16, CVKB12, CTVB12, CLNR18, FEPC18, GGS13, HvHAS04, LPBB18, LS+14, MWQ+14, OS06, UDVdW+18, MTD18, SV+15].  
Elastic-PPQ
[MTD18].  
elasticity
[Bel16, CBLS13, FJL+16, HGG+14, KC14, LS+18, MAB+15, Mda16, dRRR+18].  
eLearning
[FJA+18].  
election
[SW02].  
electric
[DMP98, MH+16, SLTK19].  
electrical
[DFT92].  
electricity
[MHW+16, MD12].  
electrocardiogram
[BLL+19, DNW+19].  
electrocardiography
[PCB99].  
electrodes
[WPS+18].  
electromagnetic
[Dae95].
electromagnetics [LW08],
electromechanical [HAAH05],
electromyogram [NUPA19]. Electron [FGCM07, BR504],
Electronic [Ost92, ABCD00, AS99, BAB13, Bur02, Din03, FP03, HPP+18, MCS00, TC92, YK17, ZDL+13, Bur02].
Electrosomog [Da95]. element
[AS99, LDS06, SW05, Tab06]. Elements [CB17, GBMP13, SP93, SMM+14, WA06].
elephant [AS18b]. Ely [YZ18].
Elimination [Tis07, ZHL+18]. elite [LZWF19]. elliptic
[AMN18, LL04b, MCN+18]. Ellis [An86i, An87b, An87l, vdR87d]. EM-3
[YTHY84]. EM-4 [KSY92]. Embedded [ADH+16, HYZ16, LSAM13, AMR18, CRRC18, EYY19, FLR+16, NWE04, Pud87, QZM+18, STC15, VRGR16, LLS+14].
Embedding [Pri95, CZ12, IWSY18, NS19, SYAL13, YHH+19]. emergence [ZSS+18].
Emergent [MVCC10, SHRE16]. Emerging [AWYJ16, KLH+18, RR18, YGS16, BYV+09, How91, ZGL+18]. emission [JCMPPC+18]. EML [TFDZ18]. emotion [CPP+18, DYC+18, LRL+14, XYY18].
emotional [ADH+16]. emotional-based [ADH+16]. Emotions [CRC+19].
empathetic [HZM14]. emphasis [TAHS14].
Empirical
[IKLL12, Cur92, DS99, GAB+14, RMJ+18]. employing [LRC+18, RSY+18].
empowered [ML11]. Emulating [ACPI9].
emulation [FP+18, SGN+17]. enable [MPP13]. Enabled
[HFT16, ZZLR18, AT19a, ABB+03].
AKB+18a, ABF+15a, AMPZ+16, BS11, DWJM18, EPJ+05, FSO7, GLM+08, IASK14, JHL+06, LNZ+18, LFF+18b.
LW18a, LKG08, LWSC07, MID16, MGY06, MJ06, MPM+18, MGN+16, NJW+06, PKC+05, QLM+18, QCY+19, TOD17, TAS+18, VOS12, XAW+10, YPJ19, GRL11].
Enabled/disabled [HFT16]. enablers
[Bel16]. enables [AB01]. Enabling
[AUSA19, BMH10, BP10, CDH+19, EKGS14, HGG+14, IJCR19, JRJ+11, KDHP16, KPM+18, LCHW14, MAA+09, MGA+19, RJH+09, RMHCMG15, TMV+07, TKK+14, TCN+16, WHBC19, WCKW10, YIA17, ZL13, ZLR+15, AZH18, DRFW17, ET08, GMEL08, KT08, KPS18, LLAH13, MWC+03, ML08, SSK+08, SSLF+10, YCH19].
Enacting [CAS+18]. Enactment
[HMS15, Bal16, JTBS15, dFVPSHL+14]. encoder [LCL+18]. encoders [RSY+18].
encoding [JLCC12, KP12, XWM18].
encrypted
[AHM+18, BGP+17, CDL18, DF97, JLC18, KH18b, LKX+14, YXD18, ZFH+18].
encryption [AMHJ10, BLL+19, BGP+17, DLZ16, DLLU17, FAA+18, FH13, HQZ14, HZL18a, HFT16, HYS17, HYS18, HYP18, JSMG18, KHMB13, LCP04, LLL+18, LDZW19, LLL+18, QWR+18, Wan18a, WZCH17, YCT15, ZIJ+14, ZDW+16, GMdFPLC17, LAL+15, Sar18a].
End
[BGP+17, LOR+18, MGN+16, RHPV17, AHP16, ASAB+18, CW514, DJZ+15, GGC17, JLUO3, KT08, LLMP13, LSL16, MWL+18b, PsS17, PWP+18, RAA+18, RMDB18, Wan18b]. end-devices [Wan18b]. End-to-end
[BGP+17, LOR+18, MGN+16, RHPV17, AHP16, ASAB+18, MWL+18b, PsS17, RMDB18]. end-user
[LASL16, RAA+18]. endoscopy [KHO+19]. endpoint [SCP09]. Energy
[ADA+19, ASA18, AC18, BAB12, BBC+12, BCDP12, CP17, DQLW15, DDB14, DM14, DCMW17, GFB+12, HCHH19, KKVdB+17, KCS14, KV17, LMB18, LGL+17, LYLY18, LSYC18, LG16b, LBB+09, MGT18, MDPF19, NDA+19, OCK14, SYJ+19a, SCY+18, SLY+19, THT12, UKM19, VEET18, WK+13, WWZ+19, Wu16, WLIH18, YYY+14, ZMIT16, ZZLH18, ABB+03, AK18b, BDP11a, BdM11,
BMK+14b, CJ14, CLP+14, DKV14, DSBC19, DYS+16, DNP14, FTK17, GDS18, GFW+18, HLL+17, IPCA+16, JLR18, JJZL17, JEB18, KANS18, KSF+13, KHG+18, KMT14, KLP19, KKW+14, LTC12, Len16, LN13, LPK17, LPK18, LLQS14, LOR+18, LJGW18, Li18, LCZR12, LZXG12, LCMX16, LPL+16, MNV12, DPBK16, MFP+16, Mat18, MZH+16, NSSA+14, NQQL13, PPSP16, PLLA18, PTD+18, PPMM+18, QCY+19, QMSG12, QCD16, SHP+16, SB14, SMS14a, SL+15, SG15, TSD18, TDSH16, TPBS14, TSGVRG19, TKA18b, VF18).

energy
[VVC+12, VTKK17, VGC+13, WWC14, WLH16, WCC14, XZZ+14, XDH+17, XDHL12, YPLZ17, ZL19, ZAA+14, XDZ+19, ZAC+18, ZZHI17, dACAM13].

Energy-aware [ADA+19, BAB12, BCDP12, DCMW17, LYY18, MMPF19, WKC+13, ZMTT16, ZLH18, BMK+14b, JEB18, KANS18, KSF+13, KCS14, LTC12, LPK17, LPK18, NSSA+14, ZAC+18, dACAM13].

energy-conserving [NQQL13].

Energy-credit [KCS14].

energy-driven [ZAA+14].

energy-efficiency [DDD14, SL+15].

Energy-efficient [CP17, GBF+12, LBM18, LSYC18, SLY+19, Wu16, WLH118, DNP14, JFFZL17, KLP19, LLQS14, LZXG12, LCMX16, PPMM+18, SB14, VTKK17, WCC14, XZZ+14, YPLZ17, ZXD+19].

energy-incentivized [BDP11a].

energy-saving [CJ14, QCD16].

enforcement [Hua10, MG14, MG16].

Enforcing [TTT15, LHYC03].

engagement [BDWM17, FTK17, Kim18].

Engine [BBCN18, Bal16, DWH+17, FPL+19, KG15, RLC13, XLLL18, BG87, PS13].

Engineering [BLO+18, BZS18, GHD19, Kov85, AC16, AAIJ, AMB03, Ao087b, BAP17a, BAP17b, Ben99, Bum03, CTM06, DFG+00, Hir89, Joh02, Kim07b, Kov84, Ma91, Mat89, SK18, TY85, Van87b, VVC+03, Zhu14, ZWMC19, SR03].

Engineering-DiffServ [BLO+18].

Engines [HMS15, CFP+17, GRCP+17, XLZ+14].

Englewood [vdR87h].

enhance [GMB+05, HCL+17, LHX+18, NNRA19, RM16].

Enhanced [HLL12, SMS14a, WDD00, AMN18, AV00, BCC+17, CSP13, HLW12, Kid+16, KKKM17, KKKM18, NV11, PH99, RTS+16, RGVG14, SLW11, YNS+15].

enhancement [BMU18, CHS11, DZZ+15, DGA18, LCL+19, MYB18, SYN10b].

enhancements [PSVL02, PSJ+12].

Enhancing [ACML05, AMR18, BBP18, CWL+18, FM08, IPG+18, KXX1, TCH19, YMW13, ZCLW18, SMPC12].

enough [BBD+13].

enriched [LRJG19].

Enriching [KBDLG18].

ENS [BBD+99].

Ensemble [SB18, BMP+16, CMT16, LPK17, PPML17, RGAT18, WLM+18].

ensembles [MJDN15].

ensuring [CBT+19].

Ensuring [MROD10].

Entangled [ADDV16].

Enterprise [ECA+18, AGJ00, CM01, DDR+07, GLSV07, JAA07, Kim07b, KKL09a, KFC+07, NSP07, SSA+19, dVXB+11].

enterprise-scale [NSP07].

EnterTheGrid [Ano05e].

eventies [JLU03, NS19, XLZ+14].

entity [LXL+17, WLLF16].

Entropy [EHMS00, RDSA18, RGGH18, WLZ+14, Fre94].

entropy-based [RGGH18].

Entropy-driven [Fre94].

tenumeration [MKK03].

envolvedment [KPS18].

Environment [BSK98, BP94, CDP+08, LMS94, PMDS18, YG18, ANA16, ASTEM98, AJY12, ADT03, ACC+05b, AKB+18a, AAD+13, AK18b, BJ12, BMRW01, BBD18, Bar11, BKS+18, BKG05, BPP+07, BDZ13, BMMG10, BCBO+07, CLP95, CSC+05, CTT+08a, CCDS08, CCL11, DZJ+15, DCL00, DJZ+00, DW11, DR+07, DMZ09, DT93, DL00, DR18, DCC13, DGD15, EK11, EHT10, EMB98, EP+05, EA17, FMSM12, FH18, FJ00, GR96, GGW+09, GCK18, GAI+18, HJS+99, HKP10, IMSV90, JP17, JLT+13, JOS19,
KDF19, KVK+18, KB+18, KPA17, KKL09b, KPP00, KTTK17, KCC18, LLKF09, LCC11, LJLW13, LI18, LJY10, LM09a, LGS+07, LS+94, MCGS00, MSMT07, MSBA16, MVT+99, MVG+14, MTH+05, MSX00, MRS18b, NRV+17, OS92, PP10, PVN+12, PP07, PSA+09, POJ+16, DLM15, PPAK99, PHM+99, PAA1b, PBB+05, QZD+18, RGAT18, RL98, RMM+98, RPA+18, RGVGSSZ14].

environment [RM11, SV16, SDL19, SDW13, SOR05, SSKF95, SMA07, SGR+18, SPCL04, TCC18, TZL18, TMB+19, VSP+14, WCHL10, WDD00, WB90, XWJZyF19, YLN15, YMM00, ZZ1Y16, ZCZ+18, ZZL+10, ZS05b, dFBP17, BCF+10, DGS09, FMD99, LFW13].

Environments [BB17, CCMGF18, CDH+19, TF17, YPF05, ACG17, ABC+18, ABS11, AMD08, ADA+19, ALK15, AMT+12, AFB+10, ACK+15, BJA+05, BML18, BR92, BDD11, BN17, BBB16, BDP11b, BDH14, BFR09, CPD13, CRC13, CTF+99, CAS94, CFVP12, CFG+19, CFPC17, CCT14, CRM05, CS09, DVL12, DEG+17, EMM12, FDGR14, FR14, FX07, FSM+18b, GKW+12, GKT15, HF19, HZC+08, HCB16, HSL03, HPP+18, HHW11, JRJ+11, JTB13, JTS13, KA09, KKB14, KBM+02, Koo07b, KWK16, KHL18a, LB03, LYM09, LC15, LSTV07, LLRS02, LLH07, MCT+15, MOBD18, MKT09, MO3b, MROD10, MvWvL99, MMFP19, MMR17, NNRA19, NAD+15, NAD+18, NJ16, NOF18, NMC05, Pad92, Pag99, PBV+13, PLA18, PECA19, PGTC18, RBN13, RMHG17, RRH16, SB14, SPdSR+17, Sch08, SBAD+18, SLDK03, Sip12, SCN+14, SD07, Sun92, TDFZ18, TCBP16].

environments [TMP15, TAKV12, VPP+19, Ven08, VCL+19, VD16, WH05, WHW16, WSZC18, WHBC19, WSS+09, XTT18, XHY+90, ZS08, ZGZ+10, ZAP05]. Envy [YLJL18]. Envy-free [YLJL18]. ePASS [SCZ+14].

Ephemeral [CCMG18, CLCMG+18, MOBD18].

epidemic [FMS08b, GRTV10, XL19].

epidemics [LMBCC99, OCCK14].

episode [AMKM18].

equal [DMM14].

equal-energy [DM14].

equality [WZCH17].

equation [PCC18]. equations [FMS08b, GRTV10, XL19].

equipment [TC92].

equivalent [PEG05].

era [TC92].

erasable [LY18a, YL16].

erasure [GIM16, HDO16, PWMX17, XWM18].

erasure-coded [PWMX17, XWM18].

Erlang [Tur18].

Erlang-based [Tur18].

Erratum [KSM+07a, MR04b, NHG03].

Error [KTV03, CCCP19, DR03, GHMX10, KDH16, KA88, LRMS19, SS03].

eruption [CDRS05].

ES/SDEM [Mat89].

escalation [XWRZ19].

eScience [BCJ13, FA11a, HGM15, KZ14, KMZJ16, MK16a, MK16b].

eSciGrid [SAGL10].

ESLEA [SHJS+10].

ESNET [ZWDP18].

ESPM [LJY10].

ESPRIT [A087, Cad86, A084].

Establishing [BFN18, SZK18, TAB+18, HPP+18].

establishment [CRRC18, Mar99b, XZ14b, ZW+18].

estimate [Dal06].

estimates [HV03].

Estimation [AdvAGF18, KSSG16, CBK+17, E97, JOPW14, KS18a, KXS+16, KMK+14, LSL+15, LGY18, NS17b, PS10, PBT02, PCF+17, RAKJ18, RMDB18, SHP+16, TMDZ15, WOPW13, YZ18, YSW18, ZW19, WZ18].

estimations [IDM+16].

Ethernet [HJCD05, MGH+05, WTC+02].

Euclidean [DL03].

Euler [GKS05].

EURO [Kaa98].

EURO-VR [Kaa98].

Euromed [EV98].

Europe [HB98, Lid99, Wil00, A084, ES94, Pol98, Wal94].

European
[Ano84e, Ano86h, Zna94, CPGB16, Dek86, LPC+95, Mur95, Nar86, SS90]. *Evidence* [HZLH19]. *Evacuation* [LG18]. *Evaluate* [LCGPC19, Szu98]. *Evaluating* [BRXs11].

**Evaluating**

[ABTA18, BSSC06, HA18, HBJ+03, Len16, SC19, XW]ZyF19, ABMC18, ALFR16, BGL+05, OA17, RMJ+18, VK17.

**Evaluation** [Bal93, BY93, BP94, CGN18, CG09, CYJ19, CPP16, CW93, FK12, GSD95, HRJ+04, KV-E18, LSS94, MG19, SS17, YDNV16, AB19a, ABGM1C19, ADKS06, AEM10, BGI14, BBBD01, BARMB14, BDZ13, BMU18, BS09, CCRV13, CHS98, Din99, FS93, GS13, GEAR13, HD05, JAAD+16, JWJ14, FJZL17, KSY92, Kun94, LCP04, LNJo4, LB09, LSD+17, MZC10, MKS03, MIO1, MM03, MOK06, NP06, Nis93, OP97, Par04, RMPG10, Shi04, SMG95, TDLC17, VVB11, WGL92, WWD+14, YJA03, ZMP10, ZWD18, ZZL18, ZY90, ZGCM00, dSK+19, dOOO+13]. *Evaluations* [SPR+10].

**Evaporative** [BMZ10]. *Event* [HCB16, LJ17a, MLW+18b, ML17, NJH+18, ZSP17, ABB+03, BKB11, BMP+16, FLT17, GKI05, HMP04, JSZ+19, KNI+18, KZCW13, KN06, LLG+16, LCCM18, MWQ+14, NJ17, ONHT89, PQBP17, She00, TCN+16, VETT16, WHMO13].

**Event-based** [ML17, KN06, PQBP17].

**Event-driven** [NJH+18, ONHT89, VETT16].

**Events** [Ano96a, DdM10, KbdLG18, KAS+18, LC13, RT06, XWL+15].

**Evidencesional** [Ano96a].

**Evidence** [AJ19, CPE+17, WW11, WQZ19, ZGZ+10].

**Evidence-based** [WW11].

**eVLBI** [SHJS+10].

**Evolution** [CSV+12, JCSS01, DFL017, Dub91, DMN+05, EL98, GVGB17, HZL18b, JL95, KKS18b, KS18c, LWZ18, Moo99, RGVGGSSZ14, RS99, WZL18].

**Evolution-based** [JCSS01].

**Evolutionary** [KOT18, FLF+17, RCMT18, dCTVC18, ACMLO5, EL98, GKTK15, Hen87, JGFB18, JC09, LKG08, LWYS18, MDB+18a, MCSA18, NF13, Nos98, OVDV98, SG13, TdpF+17].

**Evolutively** [DLDTGMP16].

**Evolving** [DSCJ18, EL98, LLWN04, LRBW17, SISGS18, NAD+18, SW99, SLB+17, THA+17].

**EvWSL** [Ano86h].

**Exact** [CSdCM+17, HHG05, Röb05].

**Examination** [ZMS+06, Abdl+03].

**Examine** [RDSA18].

**Examining** [NZOCJ+19].

**Example** [DFSZ88, KA88].

**Examples** [GJS+94, tVH96].

**Exams** [CND+19].

**Exascale** [DBD+14, Eng14, FBS18, DVI+16].

**Exceptions** [GGLD10].

**Exchange** [AC92, AHL11, GPK05, OPT+17, TLSC17, WWW+16, ZA13, ZWX18, KGe11, LSH+11].

**Excited** [REM04].

**Exclusive** [CXC+18, FLT17].

**Executables** [AD18].

**Execute** [CTF+99].

**Executed** [HLvL+97].

**Executing** [WS05, CCL11, KTTK17, TKA+18a, TVB18].

**Execution** [ABF93, CM01, CBK+17, ANG+19, ATF11, AEK+18, AKPN01, AR98, BBBD01, BKSS02, BFC02, BB13, CLRRL17, CLC11, CsZzG+13, CY90, DJZ+15, DGe15, Dup90, EHT10, FX07, GR96, GMEL08, GL04b, HMM18, KP00, KS18a, KFG13, KC14, KrAk+18, KN10, KGT15, LAL+14, LWS+12, MTNM08, MRL17, NF13, OP95, Pa09, PaD12, PAB+14, DLS14, QCYJ17, RBC+15, SV16, SJP+16, SPDpR+17, SM01b, SLC+17, TST14, TGM11, dOwpA3+18, ZT90, ZT91, ZZX+10].

**Executions** [CRVZ15, CdsD15, HHD+12].

**EXEHDA** [dISMDR+17].

**Exhibits** [VPA+18].

**EXHISTORY** [VPA+18].

**Existing** [BCP18, DGY+18, GJS+94, HAb05, KYS, MFG+14].

**Exomes** [CMX+16].

**Expanded** [Sha16].

**Expanding** [CGCB+12].

**Expansion** [MLL15].

**Expectations** [Nis93].

**Experience** [BHH+93, CR92, HXL+18, Okt92, SHS+19, AKB18b, GTCHZ+18, Luk89, QLM+18, RvdSB+03, RRS99, SSST17, TBB+17].
Data Structures

XFM16, YJA03. Experiences [KB09b, MPB+07, ABB+03, ACE02, GMS09, Jon00].
Experiment [DGS09, BRNR15, MdOO+17].
Experimental
[GGH+03, LWW+18, CCT13, CPMG19, DCBF19, IAM+18, MLC+11].
experimentation [CPGBC16, GTSAR+14].
experimentations [VRGR16].
Experiments [Hey90, PEG05, Vre89, BPF+07, GL04a, GCV+14, MCSS00, MGH+05, MVT+99, PBC+16, PBC+17, PKSC02, dOWdAS+18, YA02, CN92].
Expert [CAS+18, Coo86, Hir89, Van87a, vdr86a, Ano87a, BT93, DFT92, DV87, DBS14, EO86, Gil85a, Han89, Hen87, KAG89, Kom89a, Mar86, Mat89, MIZ89a, OS92, Par87, Pud87, Ste85, Tak89a, Tak89b, VM93, WGM15, WYN+90, YAM89, YWA+89, Zem86, vdr87f, vdr87d]. expertise [DKKF18, KZA+18, SG17, Zad87].
explain [NZOCJ+19]. explicit
[HV92, MWPVB12, TS0B15, XLZ+14].
exploit [EDH+13, GGC17]. exploitation
[KLM+05, SK12]. Exploiting
[AM17, BCF16, CGIP14, CSL17, CLP+14, Joh89, MPP13, NS02, PQBP17, RGN+18, WC14, Zha93, ADK+09, CC16, CPSRG14, HCC+14, HDO16, HMI18, KAS+18, RG04, VVC+12, ZS90]. Exploration
[BKS98, BPM+16, DBD+14, RTHB17, RLR13, SGR19]. explorations [SSC09].
Exploratory [CFM17, Tak05]. explore [dSMAdR+17]. Exploring
[ABdLL05, BFP18, HBN+13, LB03, LWF+17, MKS18, PAL+19, SSW+19, YZW+18, AMB03, SNC18]. Exponential
[EL03]. exponentiation [WSQ+16].
exponents [DE03]. Exposing
[CGL15, BBW08]. exposure [WG13].
Express [WKF03]. Expression [Ref87].
Expressive [Par90, Avg90, SCZ+14].
Extended [ZYYL05, AC92, DDV92, SCL14, ZGZ+10, ZWWL18, dB90]. Extending
[BDP11b, CS96, LWT18, RGDM16, SY04, Ste92, TG04]. extensible
[BMRW01, GB99, LKN+13].
extension [GPA96, SPK+07, VKK14, ZXJ+14, ZWL+16].
External
[LYZC+15, CN17, LQK+16, MFT+17].
extractions [ASY+18, Cha11, GKSZ05, GWC+16, HWWT12, PWW14, WM07].
extra [PSS+18]. extreme [FRB+14, KNI+18, LWJ+19, dSFP+17, TKRA14].
extra-scale [FRB+14, dSFP+17]. eye
[KCC18, MKS18]. Eyetracking
[PKA19]. Eyetracking-based [PKA19].

F [KK19, TEB86, ZEM86, vdr87g, vdr87d].
F-DAD [KK19]. F2C [SMBMT+18].
facilitation [SKT02]. Face
[GPV+14, CZ12, HWWT12, HNO+18, HLL12, LTJK12, LSL18, PSS+18, YPK12].
FaceDCAPTCHA [GPV+14]. faceted
[XZ14a]. face [SGL99]. facilitate
[GVD+B15, SHJ06, XLL18b]. facilitating
[NAD+18]. facility
[RG04, LRJ+06, SDBdL06]. factor
[ADK+06, ED19, HDH+18, LWD+14, LNK+18, LZWF19, RSL+14, WLS+18].
factorization [GMS18, MvdV01, WTS14, WYL+18]. factors
[CN17, LGPC19, WGM15, CzSW14].
factory [HMW+19, HMW+19]. facts
[CZ14]. FAIL [HTV07]. failure
[BMR15, DCF19, DWN+19, HWS07, LPM18, LJJW18, MSI+12, RRU+18, YIA17, vdr93a]. failure-aware [YIA17]. failures
[BDNP13, DLW07, GJY18, JS13].
Fair [CA15b, HCW+18, VYW+16, YZ12, WXY15]. Fair-Play [WXY15]. fairness
[KV09]. fairshare [OEE13]. false [LY17].
FAM [KKYK04]. families [JZM+19].
family [GGS13, MCC+15, SLW11].
FAMOUS [KKA18]. FAN [CG09]. far
[BBJ+06, far/near]. farm
[BFL99, BR92]. farming [KK16]. farms
[MD12, NP03]. farthest [FJ18]. Fast
[BLN+16, DSK+14, GGN17, GEAR13].
HYS04, Pan95b, SO98, WLP10, XKB18, ZFY18, BM00, CHW013, DST14, FLT17, HIA+18c, JFZL17, KKH01, KHM13, LSZ+16, LPY+18, LC15, LZYC13, LNV, NS17b, RRU+18, VBL09, WWD+14, YIA17, ZA14. Faster [BRMN04]. FastDesk [SWW+18].

**Faster** [BRMN04]. fat [WWQ+18]. fat-tree [WWQ+18].

**Fault** [AFP07, DK14, GCV+14, LAM07, LYYW+16, PCBD99, SAPP17, Xia06, AMH02, ASTEP98, ABF+15b, ABF+10, AGKZ18, AMR18, BHC+08, CLZ18, CD07, CY12, CCL11, DZZ+15, FDO2, GDVC10, Han89, HVT07, KA08, KLO2, LCBF13, LH95, LSTV07, LS01, LS08, PWY03, PIP18a, SG05, SPR+10, SUz89, THKG98].

**Fault-prone** [AGKZ18]. Fault-Tolerance [PCBD99, CD07]. Fault-tolerant [DK14, GCV+14, LAM07, LYYW+16, Xia06, AMH02, ABF+10, DZZ+15, LCBF13, LH95, LS01, LS08, PWY03, SPR+10, THKG98].

**FCI** [HTV07]. **FCM** [GGN17]. FCN [FC09]. fear [MGA+18]. Feasibility [AKW90a, AKW90b]. Features [NWQ+19, SLD+18, USA19, BM00, Ch11, DH16, FTC+14, GG17, JLQZ18, KP18, LZX+12, MBC+11, MDD15, MGA+18, NK18, PCC18, PSS+18, PdLS+99, SK06, WM07].

**Feature-based** [NWQ+19, PdLS+99]. Features [NS17b, AMBB18, AKP+18, AGA18, BLMU19, CPP+18, CAL+18, DGST09, FNA12, GAFFO12, HOO2, KHO+19, KGW95, LYYT14, LWZ+14, XPL91, YXY18, YGY+19].

**featuring** [LLH+03]. **FEF** [EBCP18]. Federate [BCF+10, CYLT05]. Federated [BR10, SVC+07, APAZ17, AK14, CFVP12, dCCDF015, CGJ+10, GCV+14, HF19, PIP10, PBV+13, PFR16, PPL+15, SLB+17, SLZ+18, ZZDM+18, EH10, LHL90, Lea13, Lea15, TS08].

**Federation** [FMN+17, VHML10, COC10, FLPP05, KBB+16, RBH08, TOS18, YNSM12, CCM+14]. federations [Erd13, FRZ19, MLM16, MPR+16, RMHMG17]. federative [HB00, Joh92]. Feedback [GSL12, CWJ+18a, PBQP17, WWSM98, XZD+19]. Feedback-based [GSL12]. Feedback-forward [JL98, RM97]. feeding [KO11]. FEM [BBJ+06, GNOY01, LF95b]. FEM/FVM [LF95b]. FENNEL [SLG+17]. Fermat [WTS14]. fetch [GTMZ17]. fetching [SR12]. few [AMO06, DE03]. FGCS [CRW+16, GVTdL18, Mes02, Nis93, PC18b, Ser95]. Fi [AKM18, DCFB19, SL10]. Fiber [HICFM+06, WXZ+18a]. field [BBJ+06, CGP14, HPP+18, KS17a, LZH+18, LUL+18, PdLS+99, SZE98, SMC18, TSTL16]. fields [MJ98]. Fifth [Her84, HV84, TR85, Ais88, Fnr92, Lin84, vdr86b, Ano86i, FS93, Ki89, Sti93, vdr93a, vdr93b]. flight [WZH+18].

**File** [AHEM17, KLSS05, ACC+05b, Dog09, DLXR14, GCCC+07, GD05, GTMZ17, KO11, Li15, MLG13, MM08, MFL18, MM18, MML018, PGC+06, SPK+07, USK16, UDvdW+18, WX02, WLP10, WZS+18, YCY10, YSC+15, ZSX+15, MBC+11].

**File-based** [KLSS05]. file-sharing [MM08]. files [LLF+18a, SCY01]. filesystem [MCQ+07, ZYZ+18]. filling [SW05]. filter [HAA+16, HLA+18c, JYZ+18, NUP19, SGB+18, TM05, WC14]. filter-bank [NUP19]. filter-wrapper [HIA+18c].

**Filtering** [KMC18, LYZ+19, DCC13, EAA16, GCD+18, GDAS18, KKB18, LCL+16, LCW+18, LQXL0, MG19, MVG18, PBP17, PCB99, RW18, TQL+19, ZRZ+14].

**Filters** [ML17, LLYW19, ZL13]. **FIM** [HDH+18]. finance [BS04, Par94]. financial [AMI16, KID93, KK14, QGT+18, TMTY05].

**Finding** [BBH18, CSdCM+17, LXM+18, LG18, DvdHgdL09]. **Findings** [WBMP99]. Fine [SJ18, AMBB18, CZZ+18, JLY+18, LCL+18, LZLL18b, LC03, LZHY19, MLW+18a, VVB11, WC14, XTL+19, YAX+18, ZMP10, ZSL+19]. fine-grain
fine-grained
[AMBB18, CZZ+18, ILY+18, LZLL18b, LC03, LZHY19, MLW+18a, VVB11, XTL+19, YAX+18, ZMP10, ZSL+19].

fine-tuning [LCL+18]. finer [ZFS+18].

finer-grained [ZFS+18]. finger [LWF+17].

Fingerprint
[MPH00, GAFFOG12, LZL+12].

fingerprinting [KB18, RS17b]. Finite
[Tab06, AO06, BVDFO00, CS93, LDS06, SW05, Tho06, WAE06]. FIPIP [JLY+18].

fire [ACMLO5]. firefly [LZWF19]. firewall [HCNT14].

First
[Gil94, SLZ95, BT93, GTCZG+18, HRJ+06, Par87, WRBG94, SO98].

First-principles [Gil94, WRBG94]. Fisher
[CLY14, HLL12]. FitCNN [LYL+19].

fitness [CZL+18b]. fitting [CLC11, MK19].

five [Bal92, Van87b]. Fixed
[Fio06, CFVPO3, LZL+12]. fixed-length [LZL+12]. Fixed-point [Fio06]. Flame
[VETT16]. Flame-MR [VETT16]. flash
[DLZ+14, LPK17, LPK18, SCH+19].

flash-based [SCH+19]. flash-flood
[LPK17, LPK18]. Flat [CCCK14]. fleet
[OVDV98]. flexibility [CAB+18]. Flexible
[CRC13, LCBF13, MLW+18b, YXXG18a, dKdOS03, AHP16, BZMY10, BBW08, Bar11, BLRS98, DKJ19, FTD17, HLL+11, IG12, NOF18, PGC+06, PKSC02, SGS+18, TMP15, WCL+17a, YCXW18, ZAB15, ZFH+18, tTvH96].

Floating
[FGG03, KXS+16]. flocculation [vO95].

flock [ELvD+96]. flood [LPK17, LPK18].

floor [DDV92]. Flow
[Ama88, Ama89, BKS98, BDNN02, SCP09, WMN+01, ABMESM18, AKH+04, CAL+18, CH95, ED04, FM10b, GKS05, GS15, GY90, GXL+18, HORC04, HvHAS04, KLJS19, LRC+18, RV95, SdSP04, VWJV94, VFS01, XSM05, XD+17, vM94, CG09].

Flow-Aware [CG09]. flower
[GHEB+18, GJ18]. flows
[AJZ+02, ABdL+03, CDRS05, DS04b, GL95, HAF+16, IO004, KDHP16, KGT15, LF95b, Prz03, RZD01, WBJM14]. Flubber
[JLI+13]. fluid
[CM99, GPS+17, WJLW18, Wes99]. fluids
[FPS04, NEJP94]. Flux [DDJ+13]. fly
[BTM10, HPZL18]. flying [VLC03]. focal
[AHD+19, Ram95]. focused [CY12].

Focusing [HPP+18]. Fog
[FSV+19, MMC+18, NWT19, PDH18, PGTBC18, SM18, WZH+18, AZH18, CLCY18, CdRRdCB19, FFC+18, HDA+19, HCW+18, HX+18, JSMG18, KH18b, LLYW19, LDY+18, LLZ+18b, MLW+18b, MGA+19, NDA+19, PSY+19, QRB+18, RGN+18, RR18, TGM+19b, VCL+19, WWDF18, Wan18a, WDKV19, WPS+18, YSHM19, YAX+18, ZCX+18, ZCL+18, ZF18, ZSW+18b, KK19, RLM18, SMBMT+18, YX+18a]. fog-assisted
[NDA+19]. Fog-based
[WZH+18, WWDF18, KK19]. Fog-cloud
[SM18, LDY+18]. fog-computing-based
[PSY+19]. fog-driven [FFC+18].

Fog-to-Cloud [SMBMT+18]. fog/edge
[RR18]. foggy [CLCY18]. fold [AHMS18].

folding [DCK03]. folding [DDV92]. foliations
[MPQ03]. followee [CCJ16]. following
[MYW+19]. foot [XL19]. footprint
[BEP00, DLU+16, LYW+18b, VVC+12, KK11]. footprints [WNR19]. foraging
[RC13, VR12]. Force
[VLAC+13, FZT+18]. forces [LKM91, PO00]. forecast [LCL+18].

Forecasting [PLA18, PSP+09, CGLR18, Che14, HZL18b, JH16, KSSG16, LFJV05, LPK17, LPK18, LLW+18a, Lin18, PGTB18, SGI5, WSH99, YGY+19].

Forensic
[SK18, DC18b, QC13, QC18, VOSCH17, XFTZ16, KKA18]. Forensics
[ML14, CDFW18, LCHW14, PD11, YHA+19].

forest [BYL+18, CY90, JNLH18].

Foreword
[LL04a, Mes02]. FORK
[HSS92]. form
[GTSAR+14, HYX13, Tho06]. Formal
[BHH91, BHH92, PLCGS11, AHdJF97].
formalism [BG14]. formalisms [OCW14].
Formalization [WZ16, ZW10]. formally [HKA+18]. format [AHL11, ZWL+16].
Formation [MCA02, DDL01, DBS14, FMRS18].
forming [FZT+18, HW95]. forms [EL03, YCZJ18]. formula [RS16].
fractions [CSZW14]. fractions [BDP11a, DJ13, EET18, HRZ18]. fraction [WTS14]. Fractional [BWR12, BW13]. fractures [RBGA18].
fragmentation [MSE19]. Fragmented [ML17, CC07, CCS+10].
Fragmented-Iterated [ML17]. frame [JLY+18, KTM+08, LYS12]. Framework [ACC+19, ABTA18, GTEL+18, KV17, MK19, MP+18, MWWA10, SR09, SDDK19, WVVJ17, ABBM18, ABMC18, ABMMC18, AB19a, ABGMC19, AAF18, ASAB+18, AT18a, AAS17, AB18b, BvdV99, BBW08, BFL99, BORM07, BSG19, BOP+14, Boa04, BAD+05, BDH14, CVT19, CPGr13, CMEA+19, CWDO4, CSW06, CBCA15, Ckr16, CLS09, CCS+10, CFPC17, CCCP19, CGM+18, DC07, DPP03, DMPP16, DSW16, EAA16, EV96, FTA+14, FHYH15, FJA+18, FPGK18, FyY1798, FB93, GBV13, GGC17, GR06, GPK05, VdDD15, GMP+17, GIK18, GBKJ18, HAP15, HHE19, HEES19, HAF00, HMA+18a, HLL+11, HXC+18, HAA+16, HIA+18c, ISS+15, JSZ+19, KSF+13, KCR14, KFF89, KHI9, KPA17, KuRAK+18, KV09, Kas+18, KGLY18, LS07a, LS07b, Lau01, LIO7, LQK+16, LKJ+19, LLF+18b, LM07, LwW14, LLM+16, LSL+18, LYL+19, LKK+16, LSJ+14, LS08, MML+18, MVN12]. framework [MID16, ML11, MML18, NK15, NJ18, NZZQ07, NJ16, NOF18, OK02, Osn19, OE13, PBV+13, PAD03, PLCGS11, P001, PB05, PMT10, PVBH05, PSS01, PgfFP+17, QP08, RBA17, RSRA18, SRZD15, SMP12, SYJ+19a, SA14, SBD+18, SMSF18, SAK+10, SG14, SDC11, SYW17, SGS+18, SS05, SBK18, SYAL13, SLB+17, TSL+18, TTY1, Ven09, VK17, WVD+08, WLF16, WMQ+16, dOWdAS+18, WLA18b, WG13, WHYZ17, WHYZ18, XFL16, WBB19, YMLT13, YDO18, YCZJ18, ZSX+15, ZCK+15, ZYTC15, ZQQ+11, dNE05, WA03]. frameworks [BDP11a, DJ13, EET18, HZZ+14, IAM+18, MG18, Pap05, VEET18]. Free [Ano86i, Ano87b, Ano87c, Ano87l, ABF15a, ABF15b]. FPGA [ABF15a]. FPGA-based [ABF15a]. fractal [IASK14, NCS04]. fraction [WTS14]. Fractional [BWR12, BW13]. fractures [RBGA18].
fragmentation [MSE19]. Fragmented [ML17, CC07, CCS+10].
ZLL17a. **Fullerenes** [She04]. fully
[CCL11, HKS18, IST04, TY11, ZJX14].

**Function** [VV92, MCJ19, NK05, Omo91, SLL+18, SLY+19, WLXZ18]. **Functional**
[ABF93, BS91a, IEG04, BBH18, BS92, BRHH18, DMM+99, DRS04, DD07, GSV+10, HK88, HRJ+06, MSS02, YAO14].

functionality [KID+16, MCQ+07].

**functioning** [BRS04]. functions
[BBH18, Dua94, FJKK17, KDE04, KTB18, GMS09, GBMP13, Hul89, Kim07a, KARP14, BHD09, CLCY18, DD86, Ful91, Fur92, ACSdRR17, Ano87b, AGMT17, BS17, Bis94, BBH09, CLCY18, DD86, Fu91, Fur92, GMS09, GBMP13, Hul89, Kim07a, KARP14, LLMP13, MYBMM18, Nag86b, PTD+18, PWA+19, SB99, URMK19, Zh14, dCTVC18, Slo06a, Slo06b]. **fungible** [ABP18].

fungus [Jun18]. furnace [YWA+89].

**FuSeR** [SMZ+16]. **Fusing** [GJ18, LYXT14].

**Fusion** [KFP+02, SCG+18, CMZ+18, DGA18, FTK+14, GHEB+18, GCCL18, JYZ+18, KCCL18, LSL+18, LWT18, LWY+18b, LZY+16, FCC18, TCC18, YLYV15, YZG+18, dPFPG19]. **Future**
[AB19a, ADALZ14, BFS+17a, Car03, Chk11, Cha14h, CDFZ16, CRM05, DO15, HYZS16, HYS18, KSM+07a, LKM91, MR04b, NHG03, NDZ+18a, NDZ+19, AR18, ACSDRR17, Ano87b, AGMT17, BS17, Bis94, BBH09, CLCY18, DD86, Fu91, Fur92, GMS09, GBMP13, Hul89, Kim07a, KARP14, LLMP13, MYBMM18, Nag86b, PTD+18, PWA+19, SB99, URMK19, Zh14, dCTVC18, Slo06a, Slo06b]. **fuzzifying**
[VH18]. fuzziness [FLR+16].

**fuzziness-embedded** [FLR+16]. **Fuzzy**
[AS18b, HZL18b, IS18, KLV+18, NDZ+18a, NDZ+18b, NDZ+19, SMZ+18, XL19, Alp18, SYJ+19b, Bag16, Bu18, CPE+17, Che14, CAL+18, Che18, DNW+19, GBY16, KMB13, LSZ+16, LAH10, LWY18, MLGGB+17, OMD+18, PBO5, RAKJ18, YAO14, ZZS+19, ZL04b, ZDW+18, vdR87f].

**FV** [GL95]. **FVM** [LF95b]. **FvRS** [XTF+19]. **FY** [NSF87].

G
[vdR87g, vdR87h, ABG02, AT19a, AVPV17, BGH+03, DPK+19, FNA12, GRPL04, HBJ+03, THN+06, WTR+13, WBF08].

**G-enabled** [AT19a]. **G-Hadoop**
[WTR+13]. **G-lambda** [THN+06]. **G-PM**
[WBF08]. **G-SPAMINE** [AVPV17]. **GA**
[CEGL01, HMH17, LLWN04]. **GA-based**
[CEGL01]. **Gait** [AAN+18, WCB+18].

Gait-based [WCB+18]. **Game**
[FEPC18, IS18, KMR15, LKS18, YLWW18, AY16, DPL14, HSBE19, JLIQ+17, JLC12, KMC18, KK14, LJ17b, LN13, LY19, LWY18, SBK18, TLSC17, WWRS16, YMY+17].

game-based [HSBE19]. game-theoretic
[JLIQ+17, JLC12, KK14, TLSC17], games
[AW19, JLIQ18, LCC19, PN09, YC13].

**GAMESH** [BCC+17]. Gang [PK11]. gap
[Bha18, NJKF18]. gaps [KA12]. Garbled
[WMK16, AEK+18]. **GARCH** [Lin18]. gas
[CH95, DC00]. gases [Bog99]. gate
[DK03]. Gateway [MPL18]. gateways
[GDP+18, GRCP+17, RGN+18]. Gather
[FD12]. Gathering [GDP+18, FG18]. gatherings [KVK+18]. gating [LLC14a].

**Gauss** [HPP94, Jun18]. **Gazetteer**
[CSA+16]. **Gb** [ABB+03]. **GbE** [WLRL18].

Gbps [KSW+13]. **GCel**
[vOB95, Cro95, RV95]. **GCel-3** [Cro95].

**GCel-3/512** [Cro95]. **GCR** [VF01].

**Gearing** [WMJW18]. **GECEM** [LW08]. gel
[CGH04]. gel-based [CGH04]. **GEMMA**
[BPP+07]. **GEMS** [WBT+08]. Gen
[MR04b]. gender [RSY+18]. Gene
[STP+05, DMN+05, MSS+16, TBD+02, YPJ19, KBVH14]. **Gene/Q** [KBVH14].

**Gener** [AB19a, BFS+17a, Cha14b, HIS18, KSM+07a, NDZ+18a, NDZ+19]. **General**
[CJXX19, HHG05, SL97, Zna94, AKW90b, BRNR15, FWB13a, HQZHL14, LDHS95, PCC18, VVB11, WJZ+17, WHP09].

general-purpose [AKW90b, BRNR15].

generalizable [LW14]. **generalization**
[WWZZ18]. Generalized [KY04, IS03, MvdV01, PSL18, SKT+08, SA97].

**Generalizing** [PPH+09]. generated
GPU-accelerated [HSP+13, LZX16].

GPU-based [MAPA19], GPUs [RNR18, vWMBS14]. GRADE [FK11, KDFL99, KK08, WDD00].

gradient [Cro05, MLW18a, Ven08].

gradient-based [Ven08]. GrADS [YD05].

Graduate [HY03]. Grain [Vre88, HV92, Vre89, WC14].

grained [AMBB18, CZZ+18, JLY+18, LC03, LC03, LC18, VV18, YLY19, MLW+18a, SJ18, TKK+14, VV11, XTL+19, YAX+18, ZMP10, ZFS+18, ZSL+19].

GrAL [Ber06].

grammar [HK88]. grammars [BM00, Hal88, Rus90b].

Grammar [YZW14].

Granularity [ABB13, CZZ09].

GRAPe [CL95].

Graph [KB00, VSD013, Vre88, Adl14, AB18a, AdLM18, BK97, BHK90, BiIo5a, CWJ19, CWJ16, CWJ+18b, CGM+18, DL04, Gto00, HO17, HHD+18, khsZwJW18, JHC18, JLD+19, KSA0K08, NS17a, NS19, RSV90, SLG+17, SM+14, Vre89, WKR+13].

graph-based [Gto00, HO17, SM+14].

graphical [BF109, KDFL99, SKF95].

Graphics [LM09b, IgI04a, MJ00, SLK10, SW06, TDL05]. graphs [BK18a, DCMB15, DKKF18, GRMOS18, JWW14, KKI14, LW+18a, LSG18, LL18, MG11, Nag88, vdL1E19].

GRASP [PRFC16].

GRASP-based [PFRC16].

gravitating [KM+05].

gravitational [Fin99].

gravitational-wave [Fin99].

gray [CSG+18, GDAS18].

gray-box [CSG+18].

GRB [ACE02].

GRB-GSIFTP [ACE02].

GRED [KDFL99].

Greedy [SOD18, SK05].

Green [GDS18, KJFS12, NNHL18, YZZC19, DWS12, HCHH19, LLW+12a, LJL12, MMPP19, WCC14, YLH14, BMK+14a, ZSH12].

greener [DKK+13, VTK17].

Greening [GFW+18].

GREMLIN [Höf03].

Grid [AJY15a, AJY12, AJY15b, AC10, BB13, CMA11, CPB16, CC11, CF09, CC+14, YJ15, KCH+13, KSM+07a, MFE+08, MJRM16, NJ16, PAC+17, SGR+08, TJJ100, VBP03, Zhu07, Aba06b, AMN18, AMOS10, ABG02, AAB+07, ASW11, AT18b, AG05, AMT+12, AEM10, AHI11, BGL08, BdCYG05, BBG+05, BBLP05, BCC+17, BGH+03, BS04, BGL+05, BMH10, BX04, BGRK+05, BC3+07, CSV+12, CTT02, CDF+05, CGT07, CS05, CCLS09, CLL+14, CPSR14, CTT14, DLW07, DHB02, DST10, DW11, DDM+08, DSS07, DL+12, EK11, EMM12, FG18, FK12, FMSM12, FQBCF15, FFPS10, FMS08b, GRH05, GHWZ94, GD10, GSV+10, GMB+05, GLM+08, GP09, GFW+18, HWS07, HZC+08, HB08, HY09, HAP11, HCL07, HHW11, HML09, HMP04, ISS+15, KKS08, KTY03, KVR15, KZ17, KA08, KIS11, KCK16, KCV11, KV12, KB09a, KKL11].

grid [LLC11, LY10, LXX18, LL+04, LC05, LYMZ09, LWSC07, LSH07, MCQ+07, MCN+18, ML+18a, MMV08, ML11, MJ06, MGR11, MLBS11, MW12, MVM10, NAGD18, NHG02, NHG03, OB17, OE13, PSS13, PP07, PSR+07, PEG05, PBB+05, RRS10, RC13, RLP12, RSSD02, RWV+13, RvdSB+03, RMCMD12, RM11, SMPC12, ST11, SVC+07, SAM02, SPR+10, SSSK13, SPCL04, SPEW09, SD07, SBA+05, TMT+07, TMTY05, TV16, TSBH11, VS13, VH11, VLC03, VR12, VF01, WSS+09, WY17, WL05, WHP09, YHJC05, YHL+19, YD05, YdOLS+05, YY11, ZS05a, ZS08, ZCLW18, ZZZ09, CCG07, FGM11, FR08, MVRM08, MSKT07, MM10, AMD08, AFP07, ACC+05b, ABB+05, ABB+03, AT02, ADF+05, AR10, AN08, AM10, ADK+09, BK11, BJG+06, BMF07, BCT+07, BP+07, Ber06, BLAV06, BST+08, BP10, BCM07, BR10, CCM07, CGM+07].
Grid-aware [MMVV08, PSR+07].

grid-based

[BGH*03, CSV+12, GHW94, LYJ10, MW12, YHL+19, AN08, DMG+08, DS08, NS07, PSP+09, VGBLGS+06, YCX05].

Grid-computing [YW12].

grid-enabled

[GLM+08, IWSC07, MJ06, GRL11, ABB+03, EPJ+05, FS07, NJW+06, PKC+05, XAW+10].

Grid-enabling

[KT08, SSK+08, SSLF+10].

Grid-like

[Ole07].

Grid/distributed [hKcF09].

Grid/P2P [Kim07a].

Grid2006 [BGL08].

GridFTP

[ACE02, CG09, RSK16, RKSU08].

GridICE

[ADF+05].

Gridification

[VWD+08, MZO08, MZO10].

GridLab

[SAMN02].

gridless [BVDF00].

gridmap

[ACC+05b].

gridmap-file [ACC+05b].

GridNetworks [SCP09].

GridR [WSL+09].

GridRPC [CCDS08, SKT+08].

Grids

[HAP15, YCY10, ZS16, ACC+05a, ACH+11, AR15, AWN+13, ABM+07, ASD12, ABF+03, AR07, BMT12, CCL07, CGL08, CLH10, CH10, CCS+10, CD08, CGJ+10, DVB14, DT08, DPL+14, FLP05, Fra08, GCBM17, Hua10, HBN+13, IT05, IAL10, KK10a, KK11, KKX+14, KFC+07, KJ12, KK10b, KJC12, LlpC15, LAH10, MLG13, MGV+18, MPPV09, MWPV12, MVC+13, OM10, OK02, PGSM05, PS10, PT16, PX07, PGG+10, PPH+09, PPSS06, QPTTG+12, RR10, SR12, SHPB10, SPMC10, SBG+09, SMK05, SEMJ11, SSL12, SGH+08, SCS11, SAC11, SSB13, TBBK13, TJWS10, TPBS14, TV08, Tor13, VDPS09, VKK14, WFC07, XY15, ZCW+10, ZH2+05, vds04, GHWZ94, AL14, CC07, CCL09, CT09, CB10, CGST09, DFC+08, DRNMC09, Dog09, EGK+07, EH10, FMS08a, GXL+12, GCCC+07, GBS10, Joh02, KFP+02, KNK+08].

Grids

[KTM+08, LS07b, LHL09, Lei13, Lea15, LVH08, LKA08, LK08, MFP05, MT05, MHA08, MV09, NZ07, OVK+09, PAl09, PH07, PK08, Qin07, RPMG10, SYT09, SNV10b, TDV+08, TTP+07, VLO09, VDTK12, WS10, XCGD10, YYW+09].

GridSim [HLW12, SPBT07].

GridUFO

[MMWA10].

GridWay

[RMHC15, TCR+12].

GridWay-based

[TCR+12].

GridX1 [AAB+07].

Grif

[ML11].

Griz [RvdSB+03].

Groot [vdR87h].

groundwater [ZWZ19].

Group

[AJ1Y15a, CB10, HWW04, Bag11, BKSS02, BC03, BCF16, BDL06, CDDR17, CM003, CYH04, CLM+16, CJW16, Fio06, FMR08, GK18, GZL+18, GNVST14, IOV+18, LM07, MHC14, MPQ03, NKL09, NWD+18, NC10, CS12, CC10, CCH03, CGL+10, DCS+07, DSD+11, DMG+08, DDP08, DSO8, DZM09, ET08, EPJ+05, FFCM07, FS07, FM08, FDSC07, Ghe09, GRL11, GFR+06, GMA07, GMS09, GGM+09, HBB09, HKPT10, HT02, HJC10, HSH+07, Hua05, HPL08, HPL10, HML+07, ILJ+08, JS12, JAA07, JF05, KT08, KWR+13, KA09, KMI11, KRR+12, KRM+02, KN01, Kim07a, hKcF09, KV09, KMK09, KBB+09, KVHT10, KSM+07b, LS07a, LTO+07, LWH07, LvsW+04, LGW07, LB09, Li10, LGK08, LOJ+07, LW08, LST+07, LJK08, LSL+15, LBB+09, LS08, LWS07, MTNM08, MB10, ML08, MKT09, Mer13, Mes02, MHA09, MMW10, MG10, NF13, NS07, NH06, NJW+06, NK07, NJHT11, Ole07, Pa106, PP10, PKC+05, PW09, PSA+09, PBC+11, PT05, PGW09, PSP+09, Pro07, PDDS10].

Grid

[QPO8, RMCN+10, RGC+10, SAGL10, SBHD08, SBB+10, STA17a, Sin07, SIL+13, SSF+09, SLS+09, SSK+08, SSD+09, SJTG07, SVB07, SHLB08, SSLF+10, TMV+07, THN+06, TLTY05, TLTY06, TLL+11, TG07, TKT+08, TDF07, TBN09, VGBLGS+06, VPT+10, WH05, WC06b, WC06a, WCHL10, WS05, WBT05, WXZL11, XAI0, XAW+10, YL12, YLC+06, ZMP10, ZLY+10, ZL04b, Zin04, Zin07, ZDR07].
PP06, RLP12, SCEC18, VCDK18, YZL+18, GvdBdL15. Group-based
[AJY15a, CB10]. group-key
[IOV+18, NKP09]. Group-oriented
[HWW04]. grouped [LYQ06, PWMX17]. grouping
[GNA+18, Mor01]. groups
[BCF16, CWD04, LPE08, NS10, ZZ15, ZDR07]. growing
[YJHZ14]. growth
[KZCW13, SUD+98]. GS1400 [LM90b].
GSA [CGSJ18]. GSC [GML99]. GSC-II
[GML99]. GSIB [Hua05]. GSIFTP
[ACE02]. GSP [KSS11]. GSR [LC17].
guarantee [LGL+17, SCZ+14]. guaranteed
[KLP19, XT18]. guaranteeing
[CML17, LL+12b, MKT09]. guarantees
[GJF+12, KV90, SBB+16, ZFW14]. Guest
[AB01, AD00, Aino01c, BJ13, BJC02, DHO00a, DSS00, Fluo03, HP92, HB98, Kaa98, Kaa99, KKK02, LC01, SG95, Tan02a, Wil00, ZEO01, vdR93a]. guests
[JK17]. guidance [JYZ+18]. Guided
[GZS14, ZSM18, EdBG+09, JGB18].
guifi.net [BFN18]. GuiGen [RSSD02].
GWpilot [RMHC15]. GXP [TMM+13].
H [vdR87f]. H.264 [WC14]. H2O [SSB05].
HA-OSCAR [LSLS05]. Haar [MGA+18].
hadoop
[GGN17, CRB+16, IPCA+16, NK17, RD14, TF18, WTR+13, WLHHL18, YIA17, ZTD+18].
Hall [vdR87h]. Hallam [vdR87a].
Hamiltonian
[MRO04b, Amo06, MRO3a, SJR13]. hand
[NUPA19, XL19]. handheld [RSA18].
handle [GGDM+18, LZW+18]. Handling
[BMZ10, Goo01, HSS00, HHL11, SGB+18, XWL+18]. handoff [SL10]. handover
[LLE+18b, PSL+04, YHL16]. handshake
[LWL+18]. handshaking [CJG+18].
handshaking-based [CJG+18]. haptic
[WWSM98]. hard [KV09]. Hardware
[MHY+18, TBK06, YLJ+17, AMN18, DSS98, FFC12, HHSW92, Hum92, KDHP16, KKvdB+17, LAL+14, NWE04, PAB+14, RSK16, TCL+15, YA+15, CLK11]. hardware-assisted [RSK16].
hardware-aware [PAB+14].
hardware-based [DSS98].
Hardware-oriented [TBK06]. harmonic
[BB04, KDE04]. Harmonizing [LTZ15].
harness [PL96, BDF+99, FD02, M101].
harnessing [FQBC15, ZZC18]. Harris
[HDL+18]. Harrod [GDR04]. Hartmann
[MPA19]. harvesting
[JJ+18, TSD18, VF18]. Hash
[HL16, CHS+18, HLL18, JFDF09]. hashing
[QZ+18, ZZL18]. hashtag [ZJJ+16].
Haskell [BBH18]. HASTE [PPJ95]. haul
[RSK16]. Hawaii [Hul89]. Hayes [Zem86].
Hayes-Roth [Zem86]. hazard [LIJC18].
HB [FYH+18]. HCN [ESPN17]. HD
[HSP+13, JHL+06]. HDF5
[TMD15, WZL18, YS+15]. HDS
[PIP18b]. head [FJJ+18]. Healing
[LHBC16, AFB+10, GZL+18, dSGD13].
Health [BSR18, LHL15, RG+18, RAO17, ABZK15, ABC+18, CB16, DP19, EAS+18, GFD14, Ham19, HIA+18, MID16, ML19, PKY+17, Pol98, PPSS06, PPAK99, SPS18, TCN+14, WMY+17, WIT94, YZL+18, YZG+18, YKÔ17, ZAA+14, LG16a].
health-shocks [MID16]. Healthcare
[WRK+15, WPL18, ZZLX18, AAS17, ASO14, AHMS18, CPD+15, CLH+18, CZZ+18, FGW+19, FFC+18, FRM+18, HLYW17, HXA+17, HZM14, JNS+19, JP18, JTB15, KB18, Kim14, KLV+18, LYL+18, LZL+18b, MVL+18a, MGN+16, MGA+19, PDM18, RBA17, RG+18, LWS+18, XKB18, ZCK+15]. heap [KP12]. Heart
[GMDLFC17, DH16, DNW+19, LGS+07, RJP+19, WLZ+14]. heartbeat [SD18].
HEFT [ZS+19]. height [CFL+18].
HELI0 [BBC+13]. heliophysics [BBC+13].
help [Ueh89, SCN+14]. Help-On-Demand
[SCN+14]. hemotherapy [ATC+16].
HEMT [Abe92]. HEPart [YWCC18].
heritage [CGN18, MKS18, PMM+18].
PC18b, WDJC18]. heterarchy [DS04c].
heterogeneity [BL15, PLLA18].

Heterogeneous
[GBA +09, KV17, PZY16, PIP18b, Sun92,
VF18, ACGrT02, ADAAD12, ABTF16,
AMGCC18, ACR +15, ABP16, AB17, AB18c,
ABB19, BDNP13, BBI16, BI12,
CPGdS +13, CDC +14, CSDCM +17,
CBAP18, CBK +01, CXXDM18, CDD17,
ČBA15, CG02, CK17, CML18,
CS09, CFG +05, D204, DP +19, DT16,
DRNMC09, DR18, DCMW17, DY04, EP12,
EW97, EMHE18, ECPF17b, FMSSM12,
Fer96, GSA16, GVA +16, Hg03, HCL07,
HXL90, IPG +18, JLY +18, KANS18, KKB14,
Kos95, LJP10, LZWX13, LGY +16, LWZ18,
MT17, MM03, MRS18b, NNRA19, NK18,
OG18, ODV97, Őst92, PSPP16, PNZ14,
PY17, PDD50, PBB +05, RD14, SHP +16,
SAGGB17, SJK18, SLS10, Shi04,
SOI12, SFR15, SSL13, SB16, SK12, TTH15,
TMS15, VPT +15, VD16, WC01, WHW16,
WHS +17, WCW18, WZWC18, WWZC19,
YLJ +17, YS16, YCZJ18, YIH +19, ZG19].

heterogeneous [ZMP10].

Heuristic [AA18, Bal91a, WL05, AL18, CSL18,
ESW +17, JM01, KMT14, MC00, RC13,
RS17a, THKG98, XA10, XY15, Z90].

Heuristic-based [AA18]. Heuristics
[NBB18, RT15, BAB12, DST14, DNP14,
GODM98, GVA +16, GGS13, Man15,
WCHL10]. HIB [CZXL18]. HIB-tree
[CZXL18]. hidden [WQG15]. hiding
[CC +19, HZL18a, Sha16]. Hierarchical
[BMT12, LLW +18a, LOJ +07, ASTEP98,
ABF +15b, CFGC03, CWW +13, EK11,
EV96, EWG99, FK12, HV92, HYS17,
HYS18, HML09, KX11, LGK08, LLZ07,
OSG93, OCCK14, PRC +14, QPTG +12,
RKB18, TTC +14, ZB19, ZDR07, ZLTY10].
hierarchically [CBK +01]. hierarchies
[ECPF17b]. Hierarchy
[ZZ90, LHC03, XL19, ZH17]. High
[AB01, AJ12, APS +19, AQB15, BBC +99,
Bhu95, BM92, Bis94, CST92, DRS +97,
FBS18, Gen95, GGJ13, GAB +96, HSS92,
HGM15, HML +06, HPJ03, KDPH16,
KPB +03, Kha12, KKK17, LYS12, MFP05,
MKH13, MDT +18, PSMAM13, PIP18b,
SEH99, SG14, Ste94, WMO13, WQG15,
WMY +18, WBF08, Wir19, WXGM18,
ZSX +15, Aba09, AFS16, AP16, AF07,
ABB +03, ACU95, AMW99, AB03,
dRADFG18, BL98, BMFC07, BC17, Ber96,
BCS99, BS04, BGM19, BRHH18, CND +19,
CT07, CWD +08, CMS +18, CH +04,
Che14, DCS +07, DJ18, DCC +14,
DJI +18, EP13, GAFFG12, GNOYO1,
GSC11, GG +06, GGSZ99, GH0 +11, GG10,
HAF +16, HHSW92, HGC +94, HAE +03,
HKPT10, HDB18, HG92, HAB +06, JR +11,
JLC18, JM02, KH13, KMB +17, KMB +02,
KMP +18, KMK +14, KSM +07a, KSM +07b,
Lau01, LLS05, LRJ +06, LRY17, LC01,
LHX +18, LSH +11, LSSR02]. high
[MW18a, M01, MAPA19, MR03b,
NWMG17, OS01, PH99, PDW +11, PCB99,
RPA +18, RJH +09, Rru03b, RS17b, SB14,
SPMC10, STI +98, SGFS01, SB97, Sch03,
SGKC10, SEMJ11, SK18, SDLK03, SSZ13,
SR +03, SRCR07, SSP17, SYL18, TSWL17,
TB16, TSZ99, TCN +16, Tur18, BVFP3,
VSBN19, WXL16, WD16, We11, Wit94,
YDK11, YK17, ZY +18, ZBC17, ZCQ +16,
ZYT11, AETF19, BMZ95, Din09,
HB98, Lid99, LBB +09, ML +11, Wil00,
dSL98]. high-available [SB14].

High-definition [HML +06].

high-dimensional [BS04, CHJ +04, DJ18]. high-energy [ABB +03].

High-Level
[HSS92, WB18, dRDFG18, BMFC07,
CMS +18, KMK +14, KSM +07a, KSM +07b].

high-order [Che14, DJ18].

High-Performance [BM92, SG14,
WXGM18, AB01, BBC +99, Bhu95,
GAB +96, KDPH16, MDT +18, SEH99, Ste94,
Aba09, AMW99, CWD+08, GGH+06, HHSW92, HKPT10, KBM+02, LRYJ17, LHX+18, LLSR02, MI01, Ren03b, STH+98, SGFS01, SB97, Sch03, SGKC10, SEMJ11, SSP17, TblL16, Tur18, ZYX+18, Lid99].

high-quality [TSZP99]. High-resolution [KPB+03, DCC+14, JRJ+11, YDK11].

high-speed [LYS12, MFP05, AB03, DJJ+18, HDB18, HG92, HAB+06, LSH+11, MML18a, MAPA19, CPA+18, SRG+03, VSBN19].

high-stakes [CND+19].

High-throughput [ZSX+15].

higher [Dal06].

highlighting [SS04].

Highly [CD16, LN18, MRH17, SBSdL06, BLRS98, CWJ+18b, Frˆı14, GVI13, JSS+12, JM01, KSY92, MAC14, MCA+18, PMLVLS+13, Tor13].

highly-threaded [MAC14, MCA+18].

Highway [HIC´AFM+06].

hints [dNE05].

historical [JH16, PGPW09].

history [YWJ+18, YSL19].

hit [CdScM+17].

HLA [KKK02, CYLT05]. HLA-based [CYLT05]. HM [dSMAdR+17].

horses [SHB89, SK12]. Holistic [BBW+18, LJC+18, Ano12r].

Holland [vDrR87, vDrR87e]. holographic [CGN18].

Home [HMC06, ACPI19, AC18, CBPP18, JBC16, MVL18b, PMDS18, KADJ14, SLO+05b].

Home-based [HMC06].

homes [Bae14, LRJG19, Mat18, OCW14, TDD17, TZZ+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, Hő03, HXL90, PSSP16, SSP17, homologous [BORM07].

homomorphic [CJXX19, MK17, RTS+16, ZZJ+14].

homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].

HOPE [LM12]. Hopfield [TZBK13].

Horizons [Hel16]. horizontal [KAEC+18].

Horse [CLK11]. horticulture [Kh89].

Horwood [Ano86i, Ano87b, Ano87l, vdR87d].

host [MDB+18]. hosted [YKK13]. hosting [PVN+12].

hot [HS+07, LZL+17].

Householder [DV03].

home-forwarding [MVL18b].

homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZZ+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, Hő03, HXL90, PSSP16, SSP17, homologous [BORM07].

homomorphic [CJXX19, MK17, RTS+16, ZZJ+14].

homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].
[WKF03, CN98, RMM*98]. **IMMSIM** [PKSC02]. **Immunne** [BCS99, BZMY10, CZY+18, ED04, KRLR01, LFL+17, PKSC02, ZNZ04]. **Immunization** [ZHL+18]. **Immunization-based** [ZHL+18]. **Impact** [HAF+16, KESL17, RA12, dACNC16, ABMM18, AGKZ18, Car03, CRVZ15, CRB+16, CBLS13, Dub01, HHD+12, TLY06, WAD+89]. **imparts** [BNJ16, PLLA18, SCG+18]. **implied** [PRN14]. **implantable** [ABS+18]. **implementation** [HHSW92]. **Implementation** [BS91a, CYB90, CCKW88, DCK03, EPJ+05, GL95, GSD95, MMV08, MD92b, Pit96, SMI01, WMN+01, YCY10, YCL+19, mM95, AMN18, ABG02, AKMK05, ACGdT02, AAB+10, ABK94, Ber96, BS92, BG05, BL92, CM92, CS95, CY89, CD99, DHS00b, DvdHdL09, GVDT16, GHLLW17, GD93b, GY90, GC94, HZDS19, HLV+16, JLU03, JYY+17, JNR12, KO11, KANS18, KVHT10, LJ04, LL04b, LJS17, LGW+17, LY90b, LH07, LC03, Luk00, LMH+09, MK17, MVT+99, Mur88, OBK88, OBG+18, PR95, PSR+07, PMT10, SPR+10, SM96, TLC+15, TMM+13, TBB+17, VVC+03, VSM02, VS88, XKJ+18, YJA03, YdOLS+05, ZN12, ZZQ+13]. **Implementations** [VSD95, Ano86i, DFGR14, NSS99, Ref87, ZSW+18a]. **implemented** [BTM10]. **Implementing** [CS93, CMD+14, YJA03, HS98, Pap05, PK11, RM97]. **Implications** [PSL19, CHS+18, IHHK+18, LPD+13, PR95, vdR87d]. **implicit** [CW16, JD98, XLZ+14]. **importance** [AMT+12, MS03]. **important** [LXM+18]. **imported** [XLL+19]. **imprecise** [KRD+19, SK12]. **IMPRECO** [CGV10]. **impression** [vdR87t]. **improve** [CLP+14, GMLGB+17, LK08, LFH+15, OdO+13, PLZX19, RMSPP17, SMC99, ZMS+06]. **Improved** [ESPN17, TA18, TV16, BBI13, HZL18b, HLZ18, JLQZ18, KKAS19, KKYK04, LZXG12, WN10, YHL+19, YPJ19, YDD+18]. **improvement** [CHS11, Hol93, MJM+16, RJN+19, WQZ19, WTS14]. **Improving** [AMMC18, BVFGWA15, BL13, Dua94, ECPF17a, GIM16, HAF+16, HCNT14, HMA18b, HXL+18, LCC11, LJ10, MYW+19, PKC04, PAB+14, SS04, SG13, TS08, WML17, YZI18, ASD12, AB95, GVI13, GJKP18, HBCR01, SBA+17, XTF+19]. **improvisation** [VSvD95]. **imputation** [CRYG18]. **In-band** [WGX+19]. in-core [CKFJ06]. **In-Mapper** [MLC18b]. **In-memory** [GQLX18, BYL+18, HZDS19, USK16, UdvdW+18, WZS+18]. **In-network** [PJDO13, ZZDM+18]. in-place [PWMX17]. in-transit [AH16]. **In-VIGO** [ACC+05a]. **incentive** [DWJM18, GA13, HHHK18, HZDLW13, JLL+17, RHBO8, XY15, ZA13]. **incentive-based** [RHBO8, XY15]. **incentive-compatible** [HDLW13]. **incentive-driven** [HHK18]. **incentivized** [BDP11a]. **incidence** [XL19]. incident [CES+19, FM17]. **incident-supporting** [CES+19]. incidents [TMS+17, dS0D13]. including [LRMC94]. inclusive [FLT17]. incomplete [MvdV01]. incompressible [VFS01]. **inconsistency** [YWJ+18]. incorporate [YMW13]. incorporating [SPBT07]. **Incorporation** [GMB+05]. increase [LVH08]. Increasing [IDM+16, KKAS19, KH18a, WWX+17]. **Increment** [SS03]. **Incremental** [PBL+18, XWM18, CAGP18, FRB+14, KMB16, LK14, LY18a, LPY+18, PVBHO5, ZFS+18]. incrementally [YGYW16]. **increments** [Tor04]. **Independent** [FMSSM12, CFL+18, EG18, Fio06, Ger02, GVA+16, LHL09]. independently [BSCC06]. **Index** [Ano00a, Ano00b, Ano01a, Ano01d, AO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92h, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95h, Ano98a, Ano98c, Ano02a,
indexed [LSL+15, WXLY16]. indexing [ARP14, FMV14, KCK04, RTS+16, SB17a, SLŽ+09, WZW+19, WHMO13, ZQZZ09]. indicative [ZNC+18]. indicators [DPS16, SA19, KJFS12]. indices [TBD+02]. INDIS [GVTdL18]. indistinguishability [YZW+18]. indistinguishability-based [YZW+18]. individual [CN17, HZM14, NZOCl+19, PS10, Sch01, Mor01]. Individual-based [Mor01]. Indoor [SLK17, HST+18, HDH+18, HZZ+18, LvW14, Mat18, MLGG8+17, MKS18, OMD+18, PECA19, YDY+14]. Induced [vOB95, LSV+18]. induction [PMK18]. Industrial [CHK98, DM12, Gal87, GHD19, LG08, LHO17, LW18a, Luk00, PTD+18, PWA+19, Sch94, Sin84, Smi86, LG08]. Industry [JC15, Kaa99, Mur95, BGR+99, FG18, Kaa98, LPC+95, QCT+18, Ros94, VCL+19, ZSML8+18]. Inexact [BMZ01]. infants [CPE+17]. Inference [AP96, BB84, Her84, HV84, KKYY04, Bal93, DD86, MFT+17, NA19, TCC18, Uch87, WMBV17, BB85]. inference-making [DD86]. inferred [YMY+17]. inferring [DYC+18, XTL+19]. InfiniBand [KBVH14]. infinite [Tab06]. Influence [GGH+18, NB18, MFT+17, TL19, WJW18, WDD18, WGM15]. influential [WCM+19, ZZC14]. INFN [ABB+05]. INFN-Grid [ABB+05]. Informal [GPJA+14]. informatics [KZBK99]. Information [ABS11, AFPO7, AT18a, ABMS05, BB8+11, ChK11, CCRL18, DP17, FMD99, Kim07b, MSO18, SR03, TAB+18, URKM19, ZZ15, AHI11, ADTC+16, Ano84a, Ano86j, BG12, BRR+04, BT17, BNJ16, BGP+17, BMH10, BNNP92, Car86, CCJ16, CWZ+17, CWJ+18a, Dek86, DGGH11, Duh91, EV98, FMS08b, GZLZ16, GRTV10, GCCL18, GFD14, GWC+16, GB99, HZC10, HPP+18, HYC04, JL08, JC09, KKYK04, KBP18, KV12, KAS+18, KHB99, KB16, KAC97, LXL09, LHJC18, LN14, LWK+18, LC03, dSMAdR+17, MSKT07, MGV18, Mar98b, Mar98a, Mar99b, MS03, Mat18, MMF16, Nag86a, OB17, PKC04, PARMF14, PGPW09, RLL+17, RGC+10, SPT+18, SPCL04, SBD+18, SNA92, SLD+18, TGM+19a, TJWS10, TSOB15, TQL+19, TGM+19b, TCH19, VS13, VPT+10, W86, WRC17, WXZ+18a, WZ18, WBT05, WWW18, XSM15, XCGD10, XLYL+14, XPL19, YSL19, YHH+19, ZWS+12, vdHSL+15]. Information-centric [AT18a, RLL+17, TGM+19b]. Information-Powered [TAB+18]. Information-theoretical [ZZ15]. Informatique [Ano85a]. inframetric [FWB13]. InfraPhenoGrid [PAC+17]. infrared [HYS04]. Infrastructure [AT02, HGM15, TSSTL16, VDTK12, AB19b, BBWB+18, BMU16, BC15, BCT+07, BH13, BCD+18, Car03, CCP18, CO03, CCM+14, CD08, DWS12, FG14, GGTRRC16, GAI+18, GRX19, GdBW06, GTW05, HMM18, Hua05, HZW+16, JLU03, KZ14, KuRAk+18, KBB+09, KCH+13, KK14, MSS+13, MLC+18a, MBS13, MGLPPJ13, NMS+99, PP10, PAC+17, RYV+10, STTK03, SP93, ANE13, CPGBC16, GRL11, LPD+13]. infrastructure-as-a-service [KuRAk+18, KK14, LPD+13]. infrastructure-level [FG14]. infrastructures [CMZ+12, CRM+16, CA15a, ENC+12, EMJ+13, FQBCF15, FFPK18, GDP+18, GFD14, HZ10, KgDP+19, LTN10, LPK17, LPK18, LPBB+18, MT17, MFF13, MPR+16, MLSF16, PT05, PPL+15, PWA+19, RMHCMG15, SF15, VHM10, WTM+17, WHYZ18, dSGD13]. infused [ZSP17]. initial [SSMG95]. Initiative [OVK+09]. initiative [DR89, MLC+11, YCH19]. initiatives [dLRW03]. inio [LDSH95].
interactions
Kni89, OPT+17, UZ11, ZGS+13.

Interactive
CAS+16, EdBG+99, JHL+06, MG18, PF01, PK08, RS99, SHN10, ABG18, BDL06, CGN18, DK00, GKW+12, HML+06, HZH16, IILC03, KLC05, KKL09b, OPO13, PTM+18, PPAK99, SBSdL06, Sch98, XFM16, dNE05. \textbf{interception} [MGLPPJ13]. \textbf{intercloud} [Erd13]. \textbf{interconnect} [YGYW16]. \textbf{interconnected} [FCY18, FGW+19, MMLO18]. \textbf{interconnection} [ADKS06, GS13, JAA09, LL18, Shi92]. \textbf{interconnects} [CkLC06, PBHK01]. \textbf{intercontinental} [PBC+01]. \textbf{interdiction} [KPS18]. \textbf{Interdisciplinary} [AC10, NS10, GFGB03]. \textbf{interest} [LWSY18, LW18b, MRS18b, SMC99, XZ16]. \textbf{Interface} [WLB11, AAB+92, ABS+18, BJWZ08, BMFC07, BCW01, DCBF19, DLR+09, GKY+18, MTK00, MFL18, MYK16, OFO+99, PSBB15, DKD08]. \textbf{interface-adaptation} [PSBB15]. \textbf{interface-based} [GHY+18]. \textbf{interfaces} [ABF+15a, dRAFG18, BFL99, Buc05a, FJY06, Kami85, PNH99, RSSD02]. \textbf{Interfacing} [HC99, PL06, HML07]. \textbf{Interference} [vdLLE19, DPK+19, Höf03, SS13, SMM+14, SåSP04, VVBB13b, ZF16]. \textbf{interferometer} [Fin99]. \textbf{intergenerational} [MCG+15]. \textbf{InterGroup} [BAC02]. \textbf{interleaving} [BM08]. \textbf{intermediate} [CEJK94, LZW+18, TZLL18, WZZ16]. \textbf{Intermittent} [JM02]. \textbf{internal} [KKL09a]. \textbf{International} [Ano86j, CC11, CF09, SST+06, BGL08, CGJ+10, LRJ+06, MLC+11, DBdL03]. \textbf{Internet} [AMQS+19, HAT19, ILJR19, MWQ+19, RC19, SYJA19, SSW+19, YJHZ14, BRB19, KCM19, LTC12, QCY+19, ABMM18, AKP+18, ACWJ19, AR18, AGR19, AT18a, AT19b, ACSdRR17, AVPV17, AMPZ16, BA17, BS17, BBM+03, BZ19, BRH18, BGS+19, BdDPP16, BWG19, Che14, CBT+19, CMP+17, CBPP18, CDFW18, CMZ+18, CDH+19, DSK+14, DPK+19, DZH18, DRNMC09, DP19, DC18a, EAS+18, FG18, FJ+18, FTK17, FRM+18, FPL+19, GTEL+18, GMLGB+17, GBB18, GKYK18, GCK18, GWZ18, GPB13, HDKC18, HKA+18, Ham19, HZL18a, HZW+18, HKK+16, HPP+18, HLA+18b, HCL+17, HNO+18, HXL+18, HSS17, JBM+18, JKAU19, JYY+17, KWK+18, KK19, KOT18, KKYK04, Kim18, KLI+18, KLM19, KLS19, LMP13, LKCS18, LKJ+19, LS10, LHO17, LGL+17, LYC18, LDS+18, LRBW17, LWW+13, MK17, MVL+18a, MGL+18, MLGGB+17, MMC+18, MGN+16, MPM18, NCCS99, NWT19, NJ18, OFD17, PC18a, PSVL02, PT4+18]. \textbf{Internet} [PH99, PLGMCdf18, PC18b, PM00, QZM+18, RGN+18, RMSGP17, RACAI8, RHPV17, RC18, SAGGB17, SYJ+19a, SJS+19, SRT18, SWY+18, She00, SDDG17, SYW17, SCZ+14, SZGhC04, SGC+18, TLSC17, URKM19, WWX+17, WZW+19, WZ18, WWZ18, WLZ+19, YLYV15, YAO2, YWZ+18, YCT15, YHA+19, YN18, YAP16, ZPPE17, ZAI+18, dFBP+17, ASAA18, CCL18, PPMM+18, RMBDB18, ZYA+18]. \textbf{Internet-based} [DRNMC09, LWW+13]. \textbf{Internet-of-Things} [FRM+18, GCK18, LKJ+19, RGN+18]. \textbf{Interoperability} [FKBG10, AFS16, ACWJ19, BA17, BNJ16, CXDM18, DGCCH+17, EHT10, GTCZG+18, HA18, KKS08, MRS+18a, NAD+18, SEMJ11, SGM11, TKK+14]. \textbf{Interoperable} [KH19, CMD+14, DMMM11, HESM99, KK10a, KKB14, NWT19, SCY+18]. \textbf{interpolation} [DS04a]. \textbf{interpretation} [Hal88, NSHP88]. \textbf{intersection} [NLW17]. \textbf{interstellar} [DRS04]. \textbf{interval}
Interweaving [RM16]. InTime [PBA18]. intra
[CPK05, Dal06, FZT+18]. Interweaving [RM16]. InTime [PBA18]. intra
[GZLZ16, HMW14, JLY+18]. intra-AC
[HMW14]. intra-domain [GZLZ16]. intra-frame [JLY+18]. Intranet [PPAK99].
Introducing [ACSDR17]. Introduction
[CPK05, Dal06, FZT+18]. Interweaving [RM16]. InTime [PBA18]. intra

IoFClime [MLGGB17]. IOFollow
[MYW+19]. IoMT [TSAER18]. ion
[SBS98]. ionic [SWW+13]. iOS
[DC17, DC18b]. iOT
[ABMM18, AT18a, ASAA18, BZ19, GBMP13, KK19, PPMM+18, RMDDB18, ZYA+18, ZHA18, AZH18, AHS+18, AUSA19, AJ19, AT19a, AHU+19, AKB+18a, AGA18, BKS+18, Bu18, CFP+19, CES+19, CGM+19, DRC+19, DBSC19, DSPA18, EBCP18, FFC+18, FJL+18, FMN+17, GAI+18, GZL+18, HC17, HLL18, HHK18, HSBE19, HST+18, HLT+18, IHA18, JP18, JSC+15, KHI9, KS18b, KPS18, hKRM17, KLP19, Kol18, KLV+18, KCC18, LJS17, LOR+18, LYC15, LYL+19, LWF+17, Mat18, MMB+18b, MPI+18, MOFGP18, MWL+18b, MRS18b, MGA+19, NAD+18, NGB18, NDA+19, PPFJ18, PDH18, PCA+19, PPS+18, RTHB17, RMC+18, SISG18, SDST18, SCY+18, SGB+18, SB18, SPS18, SPKG18, SLD+18, TF18, TOD17, TZL+18, TMB+19, TSVRGS19, TAS+18, TGM+19b, UGBM+17, VF18, Wan18b, WLP18, WYH+17, WGX+19, YH18, YZG+18, YSHM19, YAGG18, ZYZ+18, ZLY+19].

IoT- [TOD17]. IoT-based
[CES+19, FJA+18, PPS+18, TZL+18, UGBM+17, ZLY+19]. IoT-Cloud
[HSBE19]. IoT-enabled
[AKB+18a, TAS+18]. IoT-NDN [MRS18b]. IoT-wireless [SCY+18]. IoTBD [CCRL18]. IoTs [ZSW+18a]. IoTs [WLH+19]. Iowa
[CN98]. IP
[AMH02, DvdHdL06, JL14, KHJ10, MK04, RS17b, SWCP03, SK18, YCX05]. IP-based
[AMH02]. iPSICS [BP94, FHG95a, FHG95b]. iPSIC/2 [BP94, FHG95a]. iPSC/860
[FHG95a, FHG95b]. IPv4 [KKK07]. IPv6
[BLP15, LLH+10, IQS. Iris
[GBMP13, KK19, PPMM+18, PC18b]. Investigations
[AMM16, DC18b]. investigations [HA18]. Invited
[ECFP17a, RW13]. Invocation
[MBR10, BCFS02]. involved [GDRS04]. involving
[SPM86]. IO [MYW19]. irrelevant [KMC18]. irrigation [SDST18].

ISA [Goo02]. ISDA [WBMP99]. Ising
[Coo90]. islands [LG16b]. isolation
[CW13a, JK17, ZGB+17]. isometry
[YSZW18]. Isomorphisms
[XT14]. Isospectral
[Prz03]. Isospectral-like
[Prz03]. Issue
[ADALZ14, CSYY18, DPDS14, DO15, GMP+18, HYYS16, YJ15, Mes02, TCG14, TKRA14, YGS16, YJHZ14, ADLW12, ARB12, BB13, BDF+16, CRW+16, CPSRG14, DFRW17, DDB14, Kaa99, KZ14, KJ12, LNB14, PC18b]. Issues
[BvdBM+93, Dek86, GTSAR+14, LLW18, LKA+19, LHWS07, CMT01, FD02, GBT87, KLI+18, LNB14, SWY+18, SYK+17, TG07, Var00, YK017, ZFF18, ZL12, SM96]. Item
[Ano97d, Ano97c, LCL+16]. item-based
[LCL+16]. ITEMa [CGM+19]. Items
[BB17, CCMP18, CR013]. itemsets
[CLM14b, LHW+18, YK17]. Iterated
[ML17, SOD18]. Iteration
[BW97, DGR+15]. **Iterative**

[KKHS01, RN04, BJNH05, BGC+03, CCL11, Cie04, FM10b, GZWQ13, HV03, dSL98].

**ITIS’98** [EV99]. **ITö** [WDD18]. IV [HHXL13].

**J** [vdR87a, vdR87f, vdR87g, vdR87i, vdR87j, Reu03a]. **JACEP2P** [CCL11].

**JACEP2P-V2** [CCL11]. **Jacobi** [BvdHN+01, BV04]. **jammer** [WWTF18].

**Jane** [PF01]. **Janet** [BKL01]. **January** [Hul89, Rho89]. Japan

[Ano87m, Fuk85, Kab89, Mlz89a, Nag86a, Sas85, Wiu84, Yat88]. **Japanese**

[Ano84h, FS93, Kas85, Lim84, Van87b]. Java

[ADT03, AC01, AG05, BBBD01, BP01, Ber06, BLK01, BFW+03, ESPP01, FW02, GW01, LTO07, LP01, Lut01, Lj07, LRW01, MI01, MJ00, PLL+18, SM01a, SEH99, SH99, SM01b, YdOLS+05, ZMN99].

**Java-based** [YdOLS+05, ZMN99].

Java/CORBA [LRW01]. **JavaBean** [FCW01]. **JavaBean-based** [FCW01].

**JavaBeans** [PS01]. **JavaSymphony** [JF05]. **Javelin** [NCCS99]. **JCASim** [FW02]. **JetStream** [TCN+16]. **JGRIM**

[MZC08, MZC10]. **JIMM** [Jon00]. **Job**

[BCMM18, CCL07, CD+10, CRTN17, Fer96, LB+09, AAB+10, BZMY10, BCC+17, BCB+07, CCL09, FCY18, GRH05, GR96, GD10, GPS13, HXL90, KHG13, LZ10, LLC11, LQY06, LGL+17, MLBS11, OEL3, QPTG+12, RNJK09, SWG+16, SDD+09, TSBK13, TST14, TLTY06, WWC14, WMLS14, WS10, WXZ11, XY15].

**Job** [Fer96]. **Job-resource** [CD+10].

**job-shop** [BZMY10]. **JobPruner** [SNC18].

**jobs** [GD10, JLL17, KNK+08, LAH10, LBU+10, PGPW09, RM11, RHCMG15, ZQB+18, ZA14]. **John** [Ano87c]. **Johnson**

[Her87]. **join** [CC98, YdOLS+05]. **Joint**

[KK10b, ECA+18, Gal87, HXY13, MSA+19, YHL+19, YZWG18]. joint[ly] [HMSZ18].

**Jorrand** [vdR87c]. **Josephson** [Kaw92].

JPEG [HSP+13]. **JSBricks** [BBBD01].

**JSIM** [MSX00]. **junction** [Kaw92].

**JUNET** [MK88]. **JXTA**

[AMHJ10, HD05, SZC05]. **JXTA-based** [SZC05].

Kalman [TM05]. **Karamjit** [Ano87c]. **KBS**

[SP93]. **KDD** [DSSU97, FS97]. **Keeping**

[KCCL18, MPC+18]. **KeLP** [MBFC99].

**KelpIO** [BKF02]. **Kerberos** [MPM09].

**Kernel** [CAPG18, HKTG14, JP18, LSLS18, LZ+16, PRW14, RT06, vW19]. kernels

[BFY05, CRYG18, CGSZ95, NNPY06]. **Key**

[ABB19, BBVD+11, DCL00, GLJ+18, PDH18, VCDK18, WSQ+16, ZHZ+16, ZDR07, AQRH+18, APK+18, CRRC18, FHZ18, FNA12, GAYTC18, GMdFPLC17, GZL+18, HAAWH+18, IOV+18, JSMG18, KLW+16, LCP04, LBYL08, LLH+17, LYY+18, LM07, LHC03, LYT+05, LZYC13, MLC+18a, NNX09, OD+17, PSL18, PM00, Wan19, WDKV19, WZ18, WHZ19, XZ14b, YZL+18, XW+18, ZXWA18].

**Key-aggregate** [GLB+18, Wan19].

**key-agreement** [APK+18].

**key-delegation** [JSMG18]. **key-value** [GAYTC18, WHZ19].

**keyboard** [Ale97]. **keyless** [XZ+18].

**keynote** [CCR18]. **Keys**

[EHMS00, LH13b, LLL+18]. **Keystroke**

[MR00, FZW+18]. **keyword** [CZZ+18, DLL17, HZL+19, LXX+14, SA07, TDBR18, WHMO13, WXLY16, YD18, ZSZ14]. **KID**

[HMMW19]. **kinds** [WG15]. **Kinect**

[AGK+17]. **Kinect-based** [AGK+17]. **Kites**

[VLC03]. **KL1** [Bal93]. **Kluwer** [vdR87f].

**Kluznik** [Teb86, vdR87]. **knapsack**

[HXWW18, OB19, VDPH09]. **Knowle**

[XWL+15]. **Knowledge**

[BBCN18, Chr87, DD07, How91, NS19, SPCL04, SNA92, TY85, Wal86, We85, ZSP17, Zhu07, ZS16, ABTF16, Ano86].

**BBC+17, BPAP92, CSc+92, DMPP16, DL04, EO86, EdBG+99, FFPS10, GZS14, GRMSOG18, Hal93, KFF89, Kim07a].
Knowledge-based [How91, SNA92, Ano86j, CSC +92, Hol93, KFF89, Mae89, Ohy89, TNY17, dLLA93, vdR87b, YMM00, YPHZ14, ZY90, dLLA93, vdR87], Knowledge-guided [EdBG +99], Knowledge-infused [ZSP17], knowledge-intensive [SY04].

KOAN [BP94]. Kogan [vdR87b]. Korea [HP +18].

Kowalski [Ano84k]. KP [HQZH14]. KP-ABE [HQZH14].

Kronecker [BPS06, BKB18a]. Kruse [vdR87k].

Kruskal [MSA +19]. Krylov [Dat03]. KSR [LF95a]. KSR-1 [LF95a]. Ku aa [dOWdAS +18]. Kurganov [NB04]. Kutta [CP06].

L [Zad87, TSAER18]. L-RNN [TSAER18]. L2P2 [SLL +17]. Lab [BGJ +06]. label [GLVC18, SLL +17, XHL +19]. labeled [LWT18]. laboratories [AKB +01]. laboratory [BGH +03, BDZ13, CGL +10, GRPL04, GFGB03, ZDL +13, DBdL03, SVN +10a].

LaCoS [BHCH91, BHH92]. LADY [WB90].

LAG [DW11]. LAIOS [Dup90]. Lambda [LRJ +06, SDBdL06, GI K18, MGyC06, PT16, THN +06, CT09, GBdW06, PW09, TDV +08, YLC +06, THN +06].

LambdaGrids [NF07]. LambdaRAM [VBLS09]. LAN [HO02]. Land [LNJ04, LLN +18]. Land-use [LNJ04].

landing [TYWZ18]. Landmark [RM +17].

lands [CALN03]. Language [Ano86l, BS91a, HSS92, Ano85g, AP96, BY93, BS92, DHS00b, EHT10, EP12, ES94, JSZ +19, RBC +88, SDWS13, ST98, Sun10, XLL +18a].

Languages [CMZ95, Bal92, BL92, JBA94, MRV92, MSS02, Omo91, OP95]. LANs [HMW14]. Laplacian [DAG +18]. Large [BBJ +06, CTT +08b, CHK98, CGJ +10, EGV 18, FAJP99, FQBCF15, GSV +10, HKM +06, LKM14, LPK94, PB17, WVC05, AMBB18, AR15, ARP14, AQB15, BC15, BBSV92, BAPS14, BKBl8a, BD06, BDHK06, BCW01, BCG05, BCD +18, BCH +08, CZT +15, CZY +18, CDF +05, CRVZ15, CA13, CA15b, CR92, CLY14, CZXL18, CWJ +18b, CTMO6, CCHW03, CGM +18, CSP13, Dat03, DAM08, Din03, DKJ19, DDB14, DPL14, DB99, FPDR17, FPGK18, FWB13a, GLA88, GLNT13, GRMSOG18, GLVC18, GIM16, HST +18, HLCL16, HZ10, HAB +06, IPG +18, IS18, JRJ +11, JHC10, Joh02, JTB04, K114, KBP +03, Klc05, Kas05, KT03, LTN10, LSZ +16, LYW +18a, Luk00, LM12, MTO6, MKH06, MPR +16, MLS001, NBB18, NS10, NEJP94, N103, PPZ12, PL18, PGCC +10, PHK01, PF17, PPLL17, RN04, RL98, RL06, STV18, S108].

large [SNW01, SLO +05b, SJL +18, TDFZ18, TJWS10, TY11, THT12, Var00, VSV95, WZ018, WKG +03, WTG +14, WLLL16, WW +17, WRCC17, WCH +18, WDD18, WC18, WBJM14, WS10, XWL +15, YDK11, YHC05, YCAS03, YCX05, ZG19, ZAB15, ZW +13, ZW10, ZYT15, ZX14,ZA14, dSK +19, GPH +94].

large-dimension [ZAB15]. large-eddy [NEJP94].

Large-Scale [CHK98, EGV 18, FQBCF15, GSV +10, HKM +06, LKM14, PB17, WVC05, BAPS14, BD06, BCD +18, BCH +08, CZT +15, CZY +18, CDF +05, CRVZ15, CA13, CA15b, CR92, CZXL18, CGM +18, Dat03, DAM08, Din03, DPL14, FPDR17, FWB13a, GLA88, GLVC18, HST +18, HLCL16, HZ10, IPG +18, IS18, Joh02, JTB04, KTV03, LTN10, LSZ +16, MTO6, MKH06, MPR +16, NS10, PPZ12, PL18, PF17, PPLL17, RN04, TY11, THT12, WRCC17, WCH +18, WDD18, WBJM14, WS10, YHC05, YCAS03, YCX05, ZW10, ZYT15, ZX14, ZA14, dSK +19].
large-scale-application [TDFZ18]. Lark [ZBTC17]. laser [Fin99]. Late [MLBS11].
Latency [Höf03, MHC14, ABB+03, CW13a, DHB02, FFL+19, HML+06, HSP+13, KIS11, PBHK01, SLL+18, WPBN+16, WWZ18, ZZSZ18]. latency-sensitive [CW13a].
layer [AKH+04, Bog99, SdSP04, ABL04, CM99, CH04, DS04b, DC00, FPdS04, HORC04, HRJ+04, IOO04, KKH01, ZaTZ+17, ZDW+18, DY04, NCS04, vdS04].
lattice-based [ZaTZ+17]. lattice-Boltzmann [FPdS04, HRJ+04, KKH01]. layer [AKCY+17, CCLS09, DvdHGD09, FNA11, GZW18, HDA+19, JBM+18, Kui89, KSM+07a, KSM+07b, LXMW15, LW+16, MK16, NWT19, PBHK01, SCS+18, TZZ+18, TJ18, WPBN+18, ZN12, ZFY18, ZJW+14, dSBN19]. layered [AMQS+19, DD07, Kim07a, MS01, PDK10, PSBB15, SSG19, SKF+11, SBK18, WJS+18, KJFS12].

LayerMover [ZFY18]. layout [idLR01, KR14]. laziness [KGW95]. lazy [CK00, PY00, TV16]. LBBA [SC16].
LBBSRT [ZFC18, ZFC17]. LBGK [HvHAS04]. LBS [SLL+17]. LDA [ZZJY16]. LDA-based [ZZJY16]. Leader [SW02].

Leading [KZ17]. Leading-edge [KZ17]. Leakage [Wan18a, DLZ16, YAX+18].
leakage-resilient [DLZ16, YAX+18].
leaking [AMRM18]. leaping [LCW+18].

Learned [AMRM18]. Learning [BGJ+06, BCCM18, CLL+18a, LRJG19, MGL+18, NK05, Pud01, RT16, ZZN04, ZWCM19, AD18, AAN+18, AMKM18, AMI90, AV00, ASY+18, BRL19, BLAV06, BMP+16, CMEA+19, CFMC19, CMT16, CJN+15, CLL+14, CAL+18, DRC+19, DFG+19, DA16, DC18a, DGGCH+17, ECPFP17a, FSV+19, FFGP+19, GHGP19, GPJA+14, GHP+18, GBE00, HSV+17, HUAMA18, HPGM18, HXL+18, HHS+18, JSZ+19, JOSD19, KMK+19, KMI11, KKS18b, LHCJ18, LLH+17, LLY+18, LJW+19, LZW19, NS84, NK18, NGB18, PBL+18, PWWD19, QCY+19, RGAT18, RSY+18, SR18, SRP19, SH00, SNC18, SZD+17, SR19, TNY17, TYYW18, VGBLGS+06, Ven08, Ven09, VRGR16, dOwA18, WL11, WXZL11, XZZ+14, XKBA18, XLL+18a, XLL+14, ZGV19, ZXM+19, ZSL+19, dFVPICAL+14, AN05b, ZBF14].
Learning-based [ZWMC19, HHS+18].

Less [LLKF09]. Lease-based [LLKF09]. least [vdV89a]. leave [KMJ18]. Lecture [Ray05]. left [DNW+19]. legacy [BBW08, BKL01, DW11, KTO8, LRW01, MLDO8].
legal [CCIP18, Srr95]. legal-rule [CCIP18].
Legion [NHG03, CKKG99, NHG02].
LEGiO [MPLM18]. Legislation [Ano84i].
Lenat [Zem86]. length [CP06, LZL+12].
Lessons [HS98]. Let [MOB18, BKY18].
Letter [Ano87k]. Level [HSS92, LYY+16, AD18, AFS16, AJY12, ATT96, AMR18, dRADFC18, BSCC06, BMFC07, CLP95, CSTM92, CMS+18, XCC+18, Ciu10a, CDD+10, CHY+18, EMHE18, FG14, FWB13a, GOBL16, GJF+12, GLF17, JLI+13, KKS08, Kea99, KMK09, KMK+14, KSM+07a, KSM+07b, LKA+08, LJW08, Lop96, LBB+19, MZP+19, MTD18, MJMR16, MLBS11, PLLA18, PKC04, PRS12, QPTGG+12, RZ16, RPMG10, RS17b, RMHCMG15, Rus90b, SRZD15, SVN+10a, SEMJ11, SK18, SSL13, TSBH11, WLYL11, WW1C14, WZWC18, WBF08, YKL+07, YDT19, ZLZ13, ZCK+15, ZHZ+16, ZDR07].
levels [CEJK94, FG93, Kim18, LYJ10, LWT18, MKE09, SPBT07, TT+13].
Leveraging [CFMC19, HWS07, LLF+18a, CTT07, DW11, DLZ+14, HXL+18].
Levy [NB04]. lexical [HK88]. lexical-functional [HK88]. LGF [BBW08], LHC [RVR+13].
Libraries [LHG97, HESM99, STH+98].
library [AFS16, ACE02, BFK02, FB97, FBBW99, GD93b, GLM+08, JLR18, LC04, PCM99, vdV89a, BMFC07, Ber06, TS08].
licenses [CMZ+12], Lie [BC03, CMO03, MPQ03, MKK03], Life [ABMY07, AFO+18, CBBC+17, DJZ+00, GCBM17, GPS+17, JOPW14, Kom89a, LWHC07, ML19, SFR15, WOPW13, ML19], life-cycle [DJZ+00], life-long [ML19], life-threatening [AFO+18], lifecycle [KAS+18, LYW+16, SPS18], Lifetime [PLZX19, KCMI9], Lifetime-aware [PLZX19], Light [DS04a, AKB+18a, Eng14, LLZ+18b, LLU+18, SJR13, SHB89, YSL19, ZWX+19], light-based [SJRI3], light-weight [Eng14], lightpath [GXD+09, JHL+06, KMCH03, SLJ+06], lightpaths [CGD10, GMM+09, GFR+06], Lightweight [GAI+18, MPLM18, ZLY+19, AMN18, BLP+19, BK06, CMS+18, CRRC18, EGoK+07, HZL+19, HZ10, MCM+18, MLY+18, MLSB11, dRRRI+18, SZP00, SCS+18, WLS+18, YCT15, ZZX+19, ZSW+18a], like [CMTO1, DDL01, Ole07, Prz03], limitations [ABdiLL05, DGY+18, KC98, NS17b, Par87], limited [JLCC12], limits [LN13], Lindstrom [vdR87h], line [BMRI5, BW05, CCCC19, EV98, LVH08, LLW+19b, TJ18, Ueh89], linear [ADAAD12, BJNH05, BDNP13, BFR05, BRMO04, BCG05, CZT+15, CLY14, DHD89, FP4S04, GKS05, GGA+17, HPP94, JLRS18, JIQL18, Lopo03, LD04, Pan95a, PHL08, PH94, SGFS01, SG04, TGM11, WWX+17, YPCIK12, ZZC18, vdV89a], linear-time [LD04], linearization [Rb05], lines [Md00+17], linguistic [CPE+17, ECPF17b], Link [CC00], GCCPGBGS10, HQ10, KP18, LTRC12, Sun10, WFQ+10, ZHu10, AK18a, BC16, CGM+18, DFSZ88, GCC17, GXL+18, MDB+18b, RRU+18, SMG18, SRP19, SGS+18, XWL+15, XHL+19, YCZJ18, ZGL19, ZS10], Link-time [CC00], linkage [TTC+14], Linked [CDH+19, DMMM11, Ans11, BBD+13, CPMRS14, Li10, CAS+16], linking [ABCD00], links [ABdiL03, CWJD19, KCMI9, WLRL18], Linux [VSM02], Lip [KLI+04], liquids [Fre94, SBS98], LipReK [CRRC18], Lisp [Oko92, YTHY84], Lisp-Based [YTHY84], list [BB13, DNP14, LY18a, Par04, YK17], list-based [DNP14], literature [ABP18, AMS19, JC08, MCWP16, SDWS13], Live [DK17, JD+14, AS14, CFMC19, HZW+16, JFL17, KO11, KSK+11, LJLW13, LRZ+18, MYW+19, SLA+16, TDG+06, TCN+16, YMD+13], live-broadcasting [LRZ+18], liveness [GAFFOG12], living [FKT14, TMB+19], Load [BL02, CY01, OSSH96, dRSS97, AA18, AS18a, BCRM01, BM08, BBMG10, CWD04, CSJN05, CRC13, Cho04, DLS+12, DKL+18, GOBL16, HLW12, IS18, KRZ12, RKK+08, KIC12, LYM09, LZXW13, LLW+18a, LN18, MM03, MKM11, PGSM05, PAL+19, PRC+14, PBC+16, PBC+17, Qin07, QCY+19, SB97, SDA19, SL11, SMG18, SJTN18, SMA08, SYL18, TDC+14, TL18, ZGB+17, ZMS+06, ZSI08, ZGL+18, ZFC17, ZFC18, VVB15, ELvD+96], load-aware [KIC12, ZGL+18], load-balance [DYL+18], load-balanced [SDTA19], Load-balancing [CY01, AA18, LZXW13, PGSM05, SJTN18, ZMS+06], loading [HSC15], loads [NJKF18], Local [Han03, LBB+19, PSS+18, REM04, ABMESH18, AEFG+01, BPC+01, FMRS18, GJ18, Hua10, HLL12, KMT14, LZL+12, PM14, RCM18, SWW+13, WCM+19], Locality [HSC15, SDTA19, XZL+18, BCRM01, HNK18, HBCR01, JLD+19, Leo98, Leo01, NNA19, QZD+18, SCSS11, TSK03, USK16, WW14, WWQ+18], Locality-aware [SDTA19, SCSS11, WWQ+18], locality-sensitive [QZD+18], Localization [MML18a, SYJ+19b, GAI+18, HXY13, SJL+17], localized [WKL+03], Locally
[PFMC04, BRL19]. Location
[AHEM17, DA18, LNL19, DGY+18,
FWB13b, GCCL18, GBKJ18, HZW+18,
MK04, MVCC10, NWD+18, NZL+15,
PKC04, PLW+19, SLL+17, XCS+18,
YXA+18, ZCLW18, ZWS+12, SCH+17].

location-aware [PKC04]. Location-based
[DA18, LNL19, NZL+15, PLW+19,
ZCLW18]. location-label [SLL+17].

location-sharing [XCS+18]. locations
[Alp18, dIFVPShl+14]. LOCCS [DT94].

LoDs [PFMC04]. LOFAR [BBB+11]. Log
[JD94]. Logging [RT06, AMH04, EH10,
LBB+19, LM12, PY00]. Logic [De 88,
KB16, SYJ+19b, Ano84k, Ano85g, BS96,
BDN02, CST91, CY90, DCK03, DT93,
DLW86, GBY16, LLJ+11, LvW14, MYH18,
MLGB+17, OMD+18, Qu04, RBC+88,
SGdMM96, SZR18, TTW+18, Yos89, ZT90,
ZT91, Zha93, ZS90, dBB9, vdR87a].

Logic-based [KB16]. Logical
[BB4, BB5, WMN+01, Vau93].

logical-time-based [Vau93]. logically
[MRV01]. Logicflow [KP00]. logistical
[BBG+05, ZHU18]. logics
[SPC04, ZL04a]. logs [WLY+19]. London
[vdR87b]. Long [OS06, RSK16, DQXW19,
DLS+12, HKU+11, HKG+16, KTV03, ML19,
MGH+05, PM14, WWD+14]. long-distance
[HKU+11]. Long-haul [RSK16].

Long-range [OS06, PM14]. long-term
[HKG+16]. look [WYBS11, YH18].

look-ahead [WYBS11]. Looking [Buc05a].

Loom [BCD+18]. loop
[EKG14, KC98, LTC12]. loop-free
[LTC12]. loops [LRMC94, XYH+90].

Loosely
[BDNP92, Mis92, AGP+92, MD92a].

Loosely-coupled [MIS92]. Lop [RGDM16].

loss [KDP16, LNJ04, RMDB18]. losses
[DJJ+18]. Lossless
[DQ07, CCD+19, CCM98, HDB18]. lossy
[AS04]. Low

[ABP16, GVURIVV14, KWK16, LLU+18,
MMC+18, RS17b, SHJR04, SLL+18, BTG19,
BSE+13, CEJK94, CALN03, DMC+19,
FFL+19, GE90, HML+06, HSP+13,
JCMPPC+18, LEW19, LYL+19, LZHY19,
MTKS00, SPT+18, TLC+15, TTW+18,
VVC+12, WPGN+18, wDIE19, DT94].

low-cost [BSE+13, LEW19, LYL+19].

low-footprint [VVC+12]. Low-latency
[SLL+18, FFL+19, HML+06, HSP+13,
WPGN+18]. Low-power
[MMC+18, DMC+19, wDIE19].

low-resource [TLC+15]. Low-time
[ABP16, LP [SISGS18]. LPTD [ZZX+19].
LR [GHMX10]. LR-WPANs [GHMY10].
LSI [Abe92]. LSTM [GYG+19].

LSTM-EFG [GYG+19]. Ltd
[Ano87b, Ano87d]. LTE [GSP+17]. LU
[MvdV01]. lung [KMK+19]. Lyapunov
[DE03]. Lyon [BBD+99]. LZSS [OSC14].

M [vdR87g, OSCY93]. MA [vdR87g].

MAC [CLL+18, CJG+18]. Mach [CR92].

machine [PKC02]. Machine
[Ama88, Ama89, Ama86, BCL88, BVP+87,
BDF+99, BHIF+93, BS91a, BS94, BS95,
BCMM18, CCKW88, CH95, LYL+18,
NKL8, Por95, YTHY84, AD18, AAN+18,
ASTE98, AN07, ASY+18, AGKZ18,
Bal93, BS92, BFC02, CPB00, CFM19,
CFVP12, CLY14, dCCDF015, DRC+19,
DA16, FSV+19, GHP+18, GY95, HSV+17,
HPGM18, HSC15, HXL+18, HAA+16,
HHS+18, JNR12, JOSD9, KCS14, KSY92,
LJS17, LYLY18, LLW18, LLY+18,
LPB+18, LZY+16, LJW+19, DPBK16,
MUR86, Nag86b, NTV86, NEN00, Nit86,
PFPJ18, Pon19, Ram95, SII8, SLL13,
SNC18, Sim86, SBP+17, Uch86, VVB13b,
WG00, dOWDAS18, XJWW15, YLH14,
YPLL1, Zad87, ZYZ+18, ZHHC17, ZFY18,
ZGV19, ZX+19, ZLL+16, ZY90, ZSL+19].

machine-based [LZY+16].

machine-learning
[DA16, GHP+18, JOSD19]. machine-room
MANETs [JFDF09, ZYW+18].
maneuvering [BRL19, LWX13]. Manifold [AH94, XYL+14]. manipulate [VOCHC17].
multiplication [DMM98]. manner [kHsZwJW18]. manufacturing [HDC+94, HMW+19, SSST17, SSW+19, W091, XWZYF19, ZMS+06]. Many [HYZS16, Len01, CLH10, EDH+13, JLY+18, LC14, MAC14, MCA+18, MGMT18, YLJ+17, YDT19, ZAB15, ZCL+14, ZLG+14].

Many-core [HYZS16, EDH+13, JLY+18, LC14, MAC14, MCA+18, MGMT18, YLJ+17, YDT19, ZAB15, ZLG+14].

Many-particle [Len01]. many-task [MGMT18]. manycore [HTL+18, JPB17, Li18]. map [DR03, KLC05, LLW+18, SCSS11, F00, DL04, STA17a]. map-based [lkW+18]. MAPS [PCG+06, SPK+07].

Maple [Y07]. Mapper [MLC18b, MS+16]. Mapping [AEGF+01, Mil11, MFT+17, Van92, YG18, dRSS97, AUSA19, DSK+14, DKV14, DST10, DST14, HSC15, KTM+08, LJW08, LvW14, MBM18, MS03, MEBA12, Reh06, YWZ+18].

MapReduce [DFGR14, ACK+15, DDJ+13, DFGR14, GZWQ13, HSC15, JGFB18, JZWL17, JS13, LKM14, LQK+16, LLC+16, LSZ+16, LC14, LLAH13, LSJ+14, MNV12, MLC18b, NNRA19, SEMJ11, SDTA19, SB17a, SJV12, VETT16, WTR+13, XX14, XTT18, YWF+10, ZCK+15, ZFS+18, ZWZ+18].

MapReduce-based [LLC+16, LSZ+16, SB17a, YWF+10]. Maps [AS18b, Che18, DH16, DMM14, KLW+16].

March [BFS+17a]. margin [CZ12].


marketplaces [ABH18]. markets [BAB13, MG16, PRS12, VPT+10]. Market [BDHK06, CB+07, CL18b, LvW14, LW18b, WQG15]. narrow [BPP+07].


masking [BMU18]. mass [KV+18].

mass-gatherings [KV+18]. masses [BR18, BMU18]. Massive [SG95, BORM07, DGD+16, FGM+11, KKK07, LXL+17, NS17a, SGB+18, WMLS+14, WRBG94]. Massively [D+92, KL02, Cas94, CS96, Gil94, JBA94, KZL10, NOF18, PK10, PN09, YdOLS+05]. Master [LC14, Bold03, HCL07, PCC18].

Master-worker [LC14]. matacomputing [HS+99].

Matching [DDR96, LMP+18, TOS18, FLT17, KNK+08, LLC+16, LLLAW17, MWQ+14, MM03, NWMG17, PRN14, QG18, TJ18, WHC18, XWZYF19, YZL+18, YZGW18, YSZW18].

Matchmaking [DT16, CCD+10, LCBF13, LDS+18, YAO14].

MatchTree [LCBF13]. materials [Gil94, HCL16, MZD+16, SYT09, SCK+00, WRBG94, WAD+89, ZMS+06].

Mathematica [UB07]. mathematical [KSAOK08]. mathematics [AMB03].

MATLAB [BKG05, EPJ+05].

MATLAB-based [BKG05]. matrices [AM06, BH03, WHC18, dSL98]. Matrix [XZ14b, BST+08, CDS03, Dat03, GGS18, HBCR+01, Jun18, K04, KR14, LC04, LLM+18, LGZ18, SJL+17, WYL+18, ZWL+16, ZCH+17, ZZZ18].

Matrix-based [XZ14b]. matrix-vector [ZWL+16].


maxillo-facial [SLG99]. maximal [LHW+18, SLD+18]. maximization [KCM19, MG14, NBB18, TL19, WDI18].

Maximizing [MFL18, MS14b, WJLW18]. maximum [CZ12]. MCC [vdR87].

McCord [vdR87]. MCDM [SMZ+16].
MCMC [LvW14]. MDP [MRS18b].

MDP-IoT [MRS18b]. mdtmFTP [ZWDP18]. meager [DV13]. meal [MOFGP18]. mean [CGIP14, HKP10, SZ98].

mean-field [SZ98]. means [AMHJ10, Avg00, Bu18, DS04b, DNW+19, LSZ+16, LZY+19, PW09, PT16]. measure [RAKJ18, Szul01].

measurement [BDZ13, CST92, CY88, CCCT14, DC18b, GHYK18, GDRS04, KKW+14, PLGMCdF18, PMFH11, Sar02, SGN+17, SSB13, TMVMVL12, WRCC17, YNY+14].

mechanisms [ABB19, AR15, ABF+15b, SYJ+19b, CSJ+17, Cho04, CB10, CC09, DWJM18, DLS+12, EK11, ECPPF17b, FD95, GA13, GZW18, HY09, HLW12, HAP15, HIDLW13, JFDF09, KKN18, KTM+08, LCP04, LJYJ, LXMW15, LH+18, LQLX18, LV18b, MV09, PWWD18, SMG18, SJTN18, TGM+19a, TMP15, TAKV12, XDHL12, YLJ18, YXA+16, ZA13, ZXZL18, ZZ09, ZA14].

mechanisms [BDZ13, CST92, CY88, CCCT14, DC18b, GHYK18, GDRS04, KKW+14, PLGMCdF18, PMFH11, Sar02, SGN+17, SSB13, TMVMVL12, WRCC17, YNY+14].

Mechatronics [CJN+15]. MECOM [JDW+14]. Media [MC+11, MPI+18, DVD12, GHO+11, KMN+05, LLG+16, MCG+15, NO19, RS99, WSN18, WD16, WLA18b, YXZG18b, ZG18].

Media-based [MPI+18]. MediaGRID [VWD+08]. median [KPS18]. mediated [ZGS+13]. mediation [RVST17], mediator [ABTF16, WBT05].

Medical [EV08, KE85, OM10, AIA+18a, AIB+18, BCT+07, CD99, CCM98, EdBG+99, KKV+99, KVHT10, LHBC16, LSLR02, MJ98, MJ06, Mar99a, MLZ+00, PMBS14, SMC99, SB17b, SPS18, TIHT14, VSKS19, VFHB14, WLS+18, WPS+18, XY05, XPL19, YCY10, YSC+15, YLN15, ZCH+17].

medicine [AV00, BJM+17, CCBR98, FFC+18, LWK+18, MSR98, WIT94].

MediGRID [KBB+09, SLS+09]. medium [DTS04, GHMX10]. meet [BR18]. meets [CCT13, MGR11, PYH+18, TG04]. Meiko [CWS93, GL95, LF95b, RBS93]. MeikUS [GD93a]. Mellish [vdR87a]. member [SCZ+19]. membership [GNVST14, PF17].

MemEFS [UDvdW+18]. memories [De 88, HBCR01]. Memory [BPS06, BM92, CSP98, DLZ16, GSD95, KGX95, MWQ+19, PBM95, Ami90, ABL04, BFLL99, BYL+18, BK97, BBSV92, Ber98, BEWZ10, CPSD18, CR92, CS93, DKK+13, DKJ19, FC05, FJL+16, GQLX18, GV13, HH98, HPP94, HHXL13, HZDS19, HMMW19, HG92, JDC+14, KP12, KN06, KSM+07a, KSM+07b, LAL+14, LLW18, LWSC07, LLY+18b, LBU+10, MAC14, Mar90, McdA16, NP03, PY00, Par04, PH94, RK18, RCD03, SF06, TC06, USK16, UDvdW+18, WJY99, WWC+97, WHZL10, WZS+18, SG05]. memory-based [McdA16].

Memory-efficient [BPS06].

MEnSuS [AK18b]. menu [LC03]. merchants [ABC00]. mercury [HRJ+04]. mere [MBZL09]. Merging [Kat04, CPGdS+13, TS0B15]. mesh [BRR+04, CH95, DBCF19, DS04a, KCK04, LHB95, RZDM01, UWV92, WC01, XZ14b].

mesh-connected [UWV92]. meshes [JL98, PFMC04, SW05, ZG19]. Message [BFR99, FLPP05, Gor02, WHZL10, AMH04, AC92, Ber98, CST92, CXX19, FFL+19, Kac00, Kalg94, LC17, LB+19, NLW17, ROK19, RMDB18, ZA14, DDKD08, LDSS16, HL12]. Message-based [FLPP05].

Message-passing [BFR99]. messages [MTKS00, ZCT+04]. messaging [OF07].

Meta [ATT96, CBS17, CTT+08a, DD05, ESW+17, FHM+99, HML07, Lop96, PT16, PB17, TCC11, WZH+19, XLI9].
meta-analysis [WZH+19].
meta-applications [FHM+99].
meta-database [PB17]. meta-heuristic [ESW+17]. Meta-level [ATT96, Lop96].
Metacomputing [BGR+99, PBC+01, RRS99, BFL99, BBMG10, BFR99, EMB98, GR98, HAFF99, HAF00, Ken99, Lee04, MVT+99, MS01, Ram95, SSB05, WSH99, BKKW99].
metadata [BJA+05, LFH+15, Mill11, YMW13]. METAFOL [BS96]. metagenomics [DMC+19, MMC+18, SGP+09].
methodology [CVT19, CGM+19]. Methodology [DDO+92, Ham17, vdR87c, BJWZ08, KKS18b, Mat89, MSBA16, MED16, OP97, SKT02, TF17]. Methods [ALFR16, BHH91, GLS99, PBT02, AHdJF97, AMM16, BMZ01, BHH92, BC03, BST+08, BMP+16, CP06, CMO03, CXZC18, CLR18, CM99, Cie04, Cuz14, Dat03, DLP06, DR03, EL03, EWG99, FLT17, GK18, HND06, IS03, KG01, KVvE18, LY19, MLG13, MG19, Mal94, MYBMM18, Mar90, MR03a, MR04b, NK05, PP06, PRW14, Rum99, SPR+10, To99, XA10, ZM97, ZN12, ZMS+06, dLB10]. metocean [KNI+18]. metric [LYW+18a, LWSY18, PSL19]. metric-based [LYW+18a]. metrics [AdVAGF18, BBI13, CdSDS15, GJF+12, LCPC19, SPT+18, TDF07]. meteo [SM03]. meteorological [SM03].
meteorological [LHJC18]. metered [YVCB10]. measuring [YVCB10]. metering [YVCB10]. methodology [CVT19, CGM+19]. Methodology [DDO+92, Ham17, vdR87c, BJWZ08, KKS18b, Mat89, MSBA16, MED16, OP97, SKT02, TF17]. Methods [ALFR16, BHH91, GLS99, PBT02, AHdJF97, AMM16, BMZ01, BHH92, BC03, BST+08, BMP+16, CP06, CMO03, CXZC18, CLR18, CM99, Cie04, Cuz14, Dat03, DLP06, DR03, EL03, EWG99, FLT17, GK18, HND06, IS03, KG01, KVvE18, LY19, MLG13, MG19, Mal94, MYBMM18, Mar90, MR03a, MR04b, NK05, PP06, PRW14, Rum99, SPR+10, To99, XA10, ZM97, ZN12, ZMS+06, dLB10].
MWL+18b, NJHT11, PNH99, PZY17, SZP00, SGH+08, SHJ06, TDL17, YJA03. middleware-based [DVVD02]. Middleware-level [GLXF17]. middlewares [AFF+09]. Midgar [SAGGB17, GMLGB+17]. MidHDC [PZY16, PZY17]. MidJLW13, DPBK16, MYW+17. LH13b, SLA+16, TDG+06, ZMTT16, ZZJ17, ZHC17, ZFY18. migrations [KZBK99]. millenium [PK11, ZG19]. Military millet [DJJ+18]. million [Eng14]. MIMD [CS93, DFSZ88, Hey90, Kal94, KM01, Pri95, VSV95]. MILSIM-Middlewares [Km01]. MIMD-supercomputers [DFSZ88]. Mimic [LZS18]. MIMO [WCW18]. MIN [Sh00]. Mind [Zad87]. MinEX [DHB02]. Mini [Kaa98, TF18]. mini-batch [TF18]. Mini-conf [Kaa98]. minibatch [YBQ07]. minimal [TVV13]. minimising [DHS95]. minimization [APA27, HLL+17, JZWL17, LGL+17, MFB13, ZF16]. minimize [RNJK09]. Minimizing [JLL17, ZAC+18, ZZS+19, DLXR14, GR96]. minimum [Dzw97, LY17]. Mining [CLM14b, DSH+99, FGM11, FZH14, IHA18, JL14, LGW07, MNC+18, MSKT07, MRL14, SA97, XLZ+14, YXZG18, YK17, ZDW+18, AMKM18, AW97, CTT02, CGM+07, CPA14, CTT07, CS97, DGD+16, FS97, FJT01, FM01, FQSC07, GGH+06, HPS97, HXC+18, JRF+07, KOP+17, LY17, LY18a, LC15, LWHS07, LSH07, NSP07, OPT09, PSR+07, RAKJ18, SGKC10, Sin07, SD07, SSK+08, SSSLF+10, THA+17, TNY17, THFT14, WTG+14, WWZ18, YL15, YLG+16, YL16, ZLD+03, ZZC14]. MIoT [BLMU19]. MIP [MVW08]. MiPeG [CD08]. Miscellaneous [Ano97d, Ano97e]. miscible [SFD04]. mismatch [MC8+15]. missing [EOY14, TASA18]. mission [BPAF92, Lau92, MC40, RRU+18, TMV+07]. mission-critical [MC04, RRU+18]. Misty [AMQ5+19]. Mitigating [LYW+18b, ASB18, TA18, WSQ+18]. mitigations [KdGP+19]. mix [QC18, AGP+92]. Mixed [GGA+17, SSFR19, SZK16, WHW16]. mixed-parallel [WHW16]. mixing [ZMH+18]. Mixture [BMG10]. MJSA [BCB+07]. ML [GL05, GGLD10]. MObile [KKA18, AR17, AT18b, BCE17, CFL+15, FG18, FMN+17, FLR13, KIAD17, KIRM15, MAD+16, NKB19, RLM18, TMW+17, VFHB14, WZM+18, WZW18, YHL16, AHS+18, ANG+19, AMH02, AMH04, ADLW12, AHB19, AB18a, ADH+16, AMGCC18, AMP16, AMRM18, ALL+18, BJ12, BDP11a, BOP+14, BN17, BRB19, BCP18, CWD04, CGBAP18, CWJ16, CZM+18, CZZ+18, CMVA18, DSD+11, DYC+18, EAA16, ESPP01, FHZ18, FX07, GD10, GSP+17, GR07, GW003, GMM18, GSY+17, GGC18, GNVST14, HHIK18, HMZ18, HX+18, HJ+04, JLA+17, JXC+19, JKL17, JOSD19, KKKM13, KB18, KGLY18, LW18a, LM07, LH13b, LCZR12, LWM15, LW+18, LL+11, LCMX16, LPL+16, LW+18, LWT18, LLGY18, LZL07, Lok12, LLAW17, MKS18, ODK+17, OF07, PZA18, PWY03, PKC04, PRS+13, PKY+17, QZD+18, QGT+18, RS17a, RCOP+11, SPJ17, SLK17, SCB04, STA17a, SYK+17, TCL+15, TGM+19a, TTT00, VSD13, VCDK18]. mobile [WLZ+16, WWJ17, WCL+17b, WWTF18, WLA17b, WMJW18, XZZ+14, XC+18, YLW18, YCXW18, YYW+17, YCX18, ZF16, ZDW+16, ZLL+17b, LSTV07,
SGN\textsuperscript{+17}, ZHL\textsuperscript{+18}, mobile-IoT [AHS\textsuperscript{+18}]. Mobile-IoT-Federation-as-a-Service [FMN\textsuperscript{+17}]. Mobility
[GD10, LNK\textsuperscript{+18}, AMH02, BRB19, EAED18, FAMA\textsuperscript{+17}, GYBG17, GCK18, GSP\textsuperscript{+17}, GMP\textsuperscript{+17}, HZC\textsuperscript{+08}, MDB\textsuperscript{+18b}, MGN\textsuperscript{+16}, MK04, OVK\textsuperscript{+09}, PC17, SBP\textsuperscript{+17}, WZM\textsuperscript{+18}, WHBC19, YCX18]. Mobility-aware [GD10, YCX18]. modal [XPL19]. mode [FC05, HNP05, JKLK17, LYS12, MRV01, WMQ\textsuperscript{+16}, YZZC19, ZZJ17, HHG05]. Model [Ans11, BHH91, DWS12, EHT10, FMN\textsuperscript{+17}, LB09, LH07, LHJC18, LvSW\textsuperscript{+17}, KRLR01, KGW95, LS07a, LR06, LHL09, KSAOK03, KSAOK08, KCK04, Kim14, KLR01, KGW95, LS07a, LR06, LHL09, LF01, LHJ2018, LvSW\textsuperscript{+04}, LZL\textsuperscript{+17}, LZLL18a, LC14]. model
[LLW\textsuperscript{+18}, LLZ07, LLLJ11, LDS\textsuperscript{+18}, LWSY18, LW18b, LBU\textsuperscript{+10}, Low01, MAC14, MWL18a, MYHZ18, MG16, MJM\textsuperscript{+16}, MK17, MTV05, MKH06, MCR\textsuperscript{+16}, MLZ\textsuperscript{+00}, NV11, NRV\textsuperscript{+17}, NA19, OP95, PO00, Pa01, PGC\textsuperscript{+10}, PSS01, PKSC02, RDSA18, RZ16, RR18, RSV90, RW\textsuperscript{+13}, RGDM16, RMCMD12, RS98, SHP\textsuperscript{+16}, SS13, SHBP10, SGL99, SL11, SZ12, SCB04, SD02, Shi92, SGM11, SFR15, SCL14, SKS17, SU\textsuperscript{+98}, SZu98, TLSC17, TZZ\textsuperscript{+18}, TMDZ15, TQL\textsuperscript{+19}, TGM\textsuperscript{+19b}, TDL05, VDP\textsuperscript{+09}, VP94, WG00, WC06b, WWC14, WY17, WHP90, WYH\textsuperscript{+17}, WWA19, XZ16, YNSM12, YMW13, YZLQ14, YCH19, YXY18, YYY\textsuperscript{+17}, ZDM\textsuperscript{+18}, ZRL18, ZT90, ZT91, ZLTY10, ZME\textsuperscript{+15}, ZZJY16, ZNC\textsuperscript{+18}, ZL18, ZYXL05, dtIK92, CsZWX4, GM11, HCL16, KLM\textsuperscript{+03}, ML19, Mil11, MCF\textsuperscript{+11}, SB11, Sti93, PSP\textsuperscript{+09}]. Model-based [LB09, LCH\textsuperscript{+18}, BvdBM\textsuperscript{+93}, IMKB89, MJM\textsuperscript{+16}, SZ12]. Model-driven [DWS12, RBN13, TCBC18, Ham17]. Model-oriented [BBH191, BBH92]. Modeler [FBBW99]. Modelling
[AS02, AY16, BDWM17, DLZ\textsuperscript{+14}, DCC\textsuperscript{+14}, DYC\textsuperscript{+18}, FX10, GLNT13, GS16a, GL04b, HHD\textsuperscript{+12}, HBCR01, LJ19, LZH\textsuperscript{+18}, MZP\textsuperscript{+19}, MG18, Mor01, Mun04, Nag16, RLL\textsuperscript{+17}, UTT00, VCL\textsuperscript{+19}, WRCC17, WBJM14, Wri19, YKK13, AKP\textsuperscript{+18}, AT18a, ABS\textsuperscript{+18}, AMMC18, BRL19, BCF16, BGMLS17, CPGB16, CAC\textsuperscript{+10}, CPSD18, CAPG18, CRK04, DD05, DJH\textsuperscript{+19}, DC00, FSM\textsuperscript{+18a}, GIK18, HKM\textsuperscript{+06}, Igl04a, JAA09, KVR15, KMW18, KB16, LN18, LPD\textsuperscript{+13}, LZHY19, MGT18, MGYC06, MVAS89, M0di01, MSS\textsuperscript{+16}, MMY\textsuperscript{+18}, NKP16, NO19, PB02, SPZ00, SRP19, SLD\textsuperscript{+15}, SBA\textsuperscript{+05}, TQZ18, VR05, Wei03, XFM16, ZYTC15]. Modelling [CFFP\textsuperscript{+19}, HCB16, Lin18, DPBK16, MHW\textsuperscript{+16}, Pap05, WCH\textsuperscript{+18}, ACU95, AEM10, BPS06, BN06, C0T07, CWW\textsuperscript{+13}, CH04, DS99, DY04, EPB18, FPX\textsuperscript{+09}, FHG95b, IJLC03, KG01, KMB\textsuperscript{+17}, KGVW14, KH97, Lee04, LSR\textsuperscript{+17}, LASL16, LGS\textsuperscript{+07}, OCW14, SSW\textsuperscript{+13}, SC\textsuperscript{+14}]. Models [BAP17a, BAP17b, GSD95, KGX95, TTP\textsuperscript{+07}, BS17, BGI14, BBC\textsuperscript{+12}, BN16, BDHK06, CDF\textsuperscript{+05}, CMS\textsuperscript{+18}, CHSA18, CS93, DDL01, GBA\textsuperscript{+09}, HAP11, HL\textsuperscript{+16}, IKLL12, J0h92, KCT99, Kim07a, KMO1, LMBCC89, LOR\textsuperscript{+18}, Lin18, LKJ17, LTZ15, dSMAdR\textsuperscript{+17}, MR04a, MHZK18, Måer17, Mor01, NBB18, OCCK14, RB12, RLRc13,
mosquito [SM18]. most [CLC11].
motherboards [HJCD05]. motifs
[GAB+14]. motility [Len01, Low01].
motion
[KZCW13, KLC05, SKF+09, Sin92, SYW17].
motions [CRRC18]. motivated [Pet95].
motivators [NZOCJ+19]. motor
[RMSPP17]. Motus [GK18]. mouth [XL19].
MOVE [BJ12]. Movement
[BRB19, KSW+13, Pal01, Sch01].
movements [AKM18, NUPA19, RCMT18].
MOVICAB [HNCJ13]. movie [MBC+11].
movies [Wei11].
Moving
[LSAM13, ATS14, BTG19, TCC+14].
MP [GLXF17, LJJ04]. MP-MID [GLXF17].
MPI [ACGdT02, ACH+11, BCh+08].
CRE01, DZ98, FD02, FB97, GLM+08.
IPG+18, JS13, LR06, LRW01, LBB+19.
LHY19, LS08, MM03, NHT06, Psk+10.
Ren03b, RGDM16, SG05, ZA14].
MPI-based [LRW01]. MPI-DDL [FB97].
MPI-Delphi [ACGdT02]. Mpixel [SW06].
MPLS [BLO+18]. MPP [HW95, vOB95].
MPP-systems [HW95]. MQRP [FG18].
MQTT [RMDB18]. MR
[DDM+99, GRS+19, VETT16, YWF+10].
MRA [ACK+15]. MRI [GSV+10].
mrMoulder [CQW+19]. mRNA
[TBD+02]. MRPL [BRB19]. MSIMD
[GS95]. MSNP [WWWJ17]. Mt. [CDRS05].
Mu [NTN86]. MUC [QCYJ17]. Multi
[AJY15a, AB18c, BMU16, BB17, DNJG17].
DF97, DNP14, FJ+18, GTEl+18, GOBL16.
GHEB+18, GDX+09, GCC18, GLXF17.
HM17, IS03, JA09, JLQ18, JYY+18.
KA19, LHL+17, LPL+16, LPV+16, LZWF19.
MZH+17, GMGT18, MSLSF16, MR03a.
MR04b, MRLR17 , PdASM18, PWWD18.
SA14, SKF+11, SS17, SDD+09, TFL+18.
WZW+19, WW11, WWTF18, XPL19.
YDT19, YLC+06, ZWF14, ZCL+14, AD18.
AFSH+19, ADKS06, BGI14, Bar11, BPC+14.
BWG19, Czy+18, CJXX19, CCLS09.
CXC+18, CCCT14, DLLZ17, DFG+00.
multi [LPD+13, LLLA17, MWYC12, MZP+19, MSK03, MR04a, MDD15, MYK16, MRN19, NWE04, PK11, Par06, PRC+14, PDW+11, PMLVLS+13, QCYJ17, QZM+18, RMJ+18, RRU+18, RB18, RMHC MG15, RRH16, STMV18, SSQ17, STTK03, SBAD+18, SWG+16, SCS+18, SOIS12, SWW+18, SBK18, SHLB08, SLY+19, SVN10b, TLYT05, TKA+18a, TCBPR16, TCN+16, TYH04, VD16, WHMO13, WWC14, WHW16, WJZ+17, WJS+18, WSH+16, WHP09, WXZL11, WSQ+16, WLXZ18, XWZ+19, XYLZ18, YJS18, YZ12, ZGB+17, ZWL13, ZH+18, ZLG+14, ZLL+16, ZHHQ18, Zin18, dFPFG19, vM94, vOHD+05, AB17, Gra92].

multi-agent [Bar11, GJKP18, KB16, LJ17b, NWE04, SSG17, WXZL11, Gra92].

Multi-Algorithmic [GTEL+18].


multi-camera [YJS18].

Multi-Capacity [BB17, HMH17].

multi-category [GGLW18].

multi-channel [GQXL18].

multi-Cloud [JTBS15, DEG+17, KKKM17, KKKM18, RMJ+18, SBAD+18, TKA+18a].

multi-cloud-server [KLW+17].

Multi-cluster [JAA09, WHW16].

multi-component [SVN10b].

Multi-core [MGMT18, MRRL17, LG16b, MWYC12, PK11, PRC+14, QZM+18, VD16, WJZ+17, WSH+16, YZ12, ZHHQ18]. multi-cores [HLZ18]. Multi-cost [SDD+09].

multi-CPU [VD16].

Multi-criteria [FFJ+18, KA19, MLSF16, ADKS06, WHP09, ZHZ+18]. multi-criterion [FTK+14].

Multi-device [LPL+16].

Multi-dimensional [SS17, WZW+19, WW11, ZFW14, DSH+99, DB99, FNA12, SWG+16].

multi-disciplinary [DFF+00].

Multi-domain [GXF+09, YLC+06, SLY+19, XWZ+19, vOH19].

multi-exponentiation [WSQ+16].

multi-factor [LWD+14].

multi-formalism [BGI14]. multi-function [WLXZ18].

multi-generation [CJXX+19].

multi-gigabit [KDHP16]. multi-GPU [VD16].

Multi-GPU-based [DNJ17].

multi-grid [CCCT14].

Multi-Hop [WWTF18, KESL17, LLLA17].

Multi-information [GCCL18].

multi-installment [SOIS12]. multi-job [WWC14]. multi-key [LLH+17].

multi-keyword [LXK+14, WHMO13]. multi-label [GLV18].

Multi-layer [TGL+18, CCLS09, DvdHGD10, SCS+18].

multi-layered [WJS+18].

Multi-level [YDT19, AD18, CX+18, GOBL16, RMHC MG15].

multi-link-failure [RRU+18].

Multi-objective [DNP14, GOBL16, JQ18, LPV+16, LZWF19, ZCL+14, CZY+18, FZT+18, GPS13, LDJL19, STMV18, WWLC14, ZLL+16, Zin18].

multi-order [LW18b].

multi-paradigm [STTK03]. multi-party [KKB18]. multi-physics [Par06].


Multi-Protocol [GLX17].

Multi-provider [BMU16, IGB+14]. multi-proxy [TYH04]. Multi-QoS [AB18c, AB17].

multi-relay [ZWL13].

multi-resolution [KLH+04].

multi-resource [LYY+18].
[JYZ+18, MR04a, XYLZ18].
Multi-scheduler [AJY15a]. multi-sensor [dFPFG19]. multi-server
[FHZW18, LH13b, LHL03]. multi-signature [TYH04]. Multi-site
[SA14, TCN+16]. Multi-spectral
[GHEB+18]. multi-start [KMT14].
Multi-symplectic [IS03, MR03a, MR04b].
multi-tenant [BPC+14, TCBPR16].
multi-tenant [MDD15, PMLVLS+13, RB18,
SWW+18, ZGB+17]. Multi-threaded
[PWWD18]. multi-tier [GDR+14, HGG+14,
IDCJ11, KIS11, LPD+13, TLYT05].
multi-tiers [LJ07]. multi-touch
multi-user [DLLZ17, JRJ+11, KGLY18,
MSK03, PDW+11, RRH16]. Multi-valued
[MZH+17]. multi-version [QCYJ17].
multi-view [LYS12]. multi-wireless
[MYK16]. multiagent [PCG+06].
multi-biometrics [GEAR13]. multicast
[ADOKM06, BDL06, FMR05, GNW05,
ZWJ+18]. multicast-based [FR05].
multicasting [EBCP18]. multicellular
[Pa00]. Multicenter [BJM+17].
multichannel [MYBMM18]. multicluster
[CWD+08]. Multicomputer
[MF93, BL98, CST91, KD00].
multicomputers [KM01]. multicore
[ADH+16, BF18, CHS+18, HAF+16,
JLRS18, KR14, LRYJ17, PSSP16,
RGDML16, WCC+16, WPJ16, WLR18,
HYZS16]. multicore [SHP+16].
multidestination [Pan95b].
Multidimensional [CLR16, PLW+19, BS09,
JLC18, YC13, ZQZZ09]. multidisciplinary
[ATJMZ02, SMK05]. Multifaceted
[ABTA18, GBF+12]. multifrontal [IST04].
multifunctional [DCK03]. MultiGrain
[MSS+16]. MultiGrain/MAPPER
[MSS+16]. multigrid [LLRS94, LN94].
multilayer [RM97]. multilayered [KNX09].
Multilevel [SRP19, WC01, SSC04].
Multimedia [ACM+18, HXA+17, YWL+17,
AMPP19, BS91b, CFGC03, CdRRdC19,
FGRZ09, GL04b, GSY+17, HLYW17,
HML+06, HXL+18, HCHH19, IG12, KCM19,
KLJS19, Mul92, Pap05, PKY+17, RHH+16,
TGM+19a, WLH+19, vKvdWD+13].
Multimodal
[Sar18a, AHH+18, EAA16, HUY+19].
Multimodel [KV+18]. multinetns [Klo05].
Multiobjective [CZL+18a].
multiparadigm [BdCYG05]. multiparty
[HML+06]. multipath [KN10, VSKS19].
multiphysics [MTH+05]. multiplayer
[PN09]. Multiple [CWW+16, MBF99,
SKS+18, YZZC19, AFF+09, Ans11, BBB16,
BCP03, CTVB12, CMB17, CGL08,
CAPG18, CSL18, DPL14, EG18, FD95,
HQ10, JCSS01, JL03, KSK+11, LLY+18,
Li18, LSVML13, MJM+16, MVRM08,
MI01, PC17, RM11, RMHMG17, SG17,
SLA+16, SVN10b, TMMVL12, WM+17,
XDH12, YXZG18b, YD18, YL18, ZYB+18,
dFVPVSHL+14, dCTVC18, dFPFG19].
Multiple-combinational-channel
[CWW+16]. multiple-context [FD95].
multiple-perspective [HQ10].
multiple-task [MVRM08]. multiplexing
[HFM19]. multiplication [ZWL+16].
multiplicative [TW+18]. multipliers
[WMLS14]. multiply [CSQL17].
Multipolarization [FLN+18].
Multiprocessor [SZ08, AAB+92, BR92,
BW95, CR92, DKV14, GE90, Kat04, Kun94,
LS01, Nos98, OSCY93, Par04, SC16, SKJ01,
SF06, Yam92, ZMTT16, mM95].
multiprocessors [AB95, Ber98, CK00,
HHXL13, TC06, WH99].
multi-programmed [AB95, Ber98, CK00,
HHXL13, TC06, WH99].
multiprogramming [Ste92].
Multiresolution [EWG99, Boa04, GRS+19].
Multiresolutional [PCB99]. Multiscale
[APS+19, BC15, BC17, BEZW10, MSS+16,
RBC+15]. Multiset [BCL88, MK95].
multisite [CRYG18]. multisite
[DST10, LPV+16]. multisparc [CW93].
multistage [ADK06, GS13, KYB+19], multispectral [LLWN04, SYCH18],
multisymplectic [IS06], multitask [MSO18], multitreaded
[BBFW03, Ném00]. Multiuser
[NRR+15, dSBN19]. Multiuser-centered
[NRR+15], multivariate [DD05], multiway
[CC98], multiworkflow [AHM17].
München [Bun03]. MUSCLE [BC17].
MUSCLE-HPC [BC17]. music [PFM11].
mussel [PRW14]. mutation
[DMN+05, JGFB18, YDD+18], mutual
[JKAU19, KLW+16, VCD+18, XPL19].
MWM [WML14]. myocardial
[XWL+18a]. Myrinet [Geo02].

N [FJ00]. N-MAP [FJ00]. name
[ACSDRR17]. Named [ADBM19]. Naming
[ACSDRR17, LKJ+19, NAND [SCH+19].
nanoscience [FGFB03]. nanotubes
[Toor05]. napthylum [DRS04]. narrow
[Biec05a]. NAS [WYJ99]. nasopharyngeal
[MG+18]. National [HY03, SVN+10a,
DR89, FS93, Han03, KFP+02, NSF87].
Native [MGH+05, TBB+17]. Natural
[Ane85g, BY93, DCC+14, LPK94, PFMC04,
RRH16, XLL+18a]. Nature
[VV16, MOB18, ZEO01].
Nature-inspired [VV16, ZEO01]. NAUTA
[MLSP19]. Navier [ID98, vM94].
Navigating [vVDBB98]. navigation
[VS04, XZ14a]. navigational [SOR05]. NB
[HEES19]. NB-WOA [HEES19]. NBA
[JLQ18]. NBA-based [JLQ18]. NCSA
[PCM99]. NDGF [KVR15]. NDN
[ADBM19, MDB+18, MRS18].
NDN-over-ZigBee [ADBM19]. NDN/LoT
[MDB+18]. nearest [FJ18, GLVC18]. necessary
[XWL+18]. need [SOA17, WRBG94]. needs
[GFD14]. Negative
[YLH+19, DYC+18, SK05]. negotiation
[COC10, DMZ09, GP09, LZYC13, MG14,
MG16, RT16, RZ16, SSL12, YKLP+07].

neighbor [CZL+18b, FJ18, GLVC18, KKL06].
neighbor-selection [KKL06]. Neighborhood
[ZF16, AEGF+01, CZ12, CSL17, NAGD18,
RNJK09, WYH+17, ZRZ+14]. Neighborhood-based
[ZF16, ZRZ+14]. NEPTUNE [OS92]. nervous [UPP17].
nesting [GL85]. Net [LS05, dLB10, LS05].
[ESFD06, PCBD99]. Network
[ACC+19, AS18b, BCR+12, CB16, CW13a,
Din91, HDKC18, JL14, LG08, MLC+11,
MBM18, MTKS00, OVK+09, Pal09, Per86,
TMW+17, TCC11, VDTK12, WWT18,
WLRL18, ZHHC17, AFO+18, ABD+19,
ADOKM06, AQAR+18, ABB+03, ABF+15a,
AFB+10, AR10, BMU16, BTM06, CWL+18,
CTF+99, CCL08, CFL+15, CJXX19,
CWW+16, CZH+18, CS12, CFPC17,
CFG+05, DPK+19, DCFB19, De 88, De06,
DVB14, DS08, DCF19, Du14, FZHH14,
Fer13, FJKK17, FWB13b, FFL+19, GPA00,
GOBL16, GBY16, GvdBdL15, GFR+06,
GdBW06, GMM+09, GCC8, HPZL18,
HAF+16, HUY+19, HLYW17, HCNT14,
HSP+13, HSX+18, HZL18b, HDH+18,
JAA04, JC09, KKP+05, KLF19, KBdLG18,
KK10b, KAS+18, KS18c, KGLA85, KJY04,
Lee04, LJ19, LZXW13, LMZ+14,
LYYY17, LXL+17, LWS07, LLW+19a,
LSYC18, LCL+18, LLWN04, LSH+11,
LWT18, LKTC14, MYHZ18, DPBK16,
MHC14, MVG18, MBC+11, MSLP93,
MBL+19]. network
[MG+18, NAGD18, OS92, PP10, PJDO13,
PMK18, PBL+18, PECA19, Pip10, PTT12,
RR18, RKSU08, RS98, RGCC18, SSG19,
SGRT19, SZP00, SM03, SP18b, STC15,
SKS+18, SCMS12, SRCQ17, SPBT07,
SYAL13, Sun92, TBBK13, TBS+18, TCR+12,
UZ11, UDvdW+18, VS88, VCDK18, VOS12,
VSV95, WGT+14, WRCC17, WCB+18,
WWZZ18, WCW18, WLA18a, WSH99, XWL+15, YMLT13, YCL+19, YCXW18, YHH+19, ZGB+17, ZZDM+18, ZGV19, ZWJ+18, ZS10, ZWMC19, AS18a, BRH18, BSE+13, GPJC17, GKTK15, HQ10, MCJ19, RGS18, Sun10, WFQ+10, Zhu10.

Network-aware
[BCR+12, Pu09, TCC11, VDTK12, ZHHC17, PP10, TCR+12, UDvdW+18].

network-based [LYYY17, Sun92, RGL18].

network-driven [YMLT13].

network-failure [DCF19].

Network-on-Chip [MBM18].

network-on-chips [SSG19].

Networking [FMD99, PMFH11].

Networks
[CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, CJK+18, GXL+12, GZLZ16, GdBW06, HCD+94, HRJ+06, LPC+05, LLF+18b, MCJ19, MT17, MWC+03, PYM18, PA01b, RLL+17, SP18a, SCZ+19, TGM+19a, Tbdl16, VBP03, WWV+17, WGX+19, ZBTC17, dLRW03, ADBM19].

Networks-gen [FMD99, PMFH11].

Networks
[CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, CJK+18, GXL+12, GZLZ16, GdBW06, HCD+94, HRJ+06, LPC+05, LLF+18b, MCJ19, MT17, MWC+03, PYM18, PA01b, RLL+17, SP18a, SCZ+19, TGM+19a, Tbdl16, VBP03, WWV+17, WGX+19, ZBTC17, dLRW03, ADBM19].

Networks-gen
[CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, CJK+18, GXL+12, GZLZ16, GdBW06, HCD+94, HRJ+06, LPC+05, LLF+18b, MCJ19, MT17, MWC+03, PYM18, PA01b, RLL+17, SP18a, SCZ+19, TGM+19a, Tbdl16, VBP03, WWV+17, WGX+19, ZBTC17, dLRW03, ADBM19].

O [Aba06a, BFK02, CSL18, DLZ+14, DLXR14, DYL+16, FC09, Geo02, HMC06, LIW+12b, OK02, SM96, TDFZ18, XZL14]. O-FCN [FC09]. O-intensive [CkLC06]. Oak [SVN+10a]. Oasis [XFL16]. obfuscation [MdFTGM19]. Obituary [Kas86]. Object [AMBB18, CHHW91, GSY+17, KST92, SHJ06, ADM06, AP96, BTG19, BGV97, BHK90, BBB+19, DC00, Gi85b, HHS98, JBA94, LL03, MGA+18, NSI02, PSLZ18, RACA18, SLK17, Sun10, XFL16, YARH18, ZJWZ04, Kob92]. object-based [ADM06]. object-centered [AP96]. Object-Oriented [CHHW91, AMBB18, KST92, BGV97, BHK90, LL03, PSLZ18, Sun10, Kob92]. objective [CZY+18, CGS18, DNP14]. FZT+18, GOBL16, GPS13, JLQ18, LDJL19, LPV+16, LZWF19, STMV18, WWC14, ZCL+14, ZLL+16. 

oblivious [KKL09b, Zin18]. Objects [SAGGB17, DL00, EGA09, HC17, MS01, SD02, TTC+14, XSM04, ZZN04, WA06].


Odysée [Fan05]. OffDMA [ZN12]. off [CPSD18, DGCCH+17, GBS10, KCM19, PMBS14, SMM+14, Geo02]. off-chip [CPSD18]. Off-Processor [Geo02].

off-the-shelf [SMM+14]. offering [CMB17]. office [Bdm11]. offline [CYJ19, SHL13]. Offloading [AZH18, WLZ+16, AHU+19, BGS+19, HHK18, JOSD19, KGLY18, LPL+16, SGN+17, WMJW18, YCH19, YCX18]. offs [DMM14, KNK+08]. offset [HLL18, KK10b].

OGSA [LKA+08, LMK+09, SPK+07, SSB05]. OGSA-based [LKA+08]. Oh [NMC+09]. oil [FCD+14]. OLAP [EDD+10]. old [Goi00]. older [CAS+18]. OLTP [KMB16]. OMAS [Bar11]. OMIS [WDD00]. omnipotence [MBV+15]. omniscience [MBV+15]. OMPI [ACH+11]. OmpSs [YAG+15]. OMS [WLZ+14]. OMS-WPD [WLZ+14]. on-chip [CPSD18]. on-demand [BPS+03, DGD+17, FMR05, LWH+18, SSF+09]. On-line [BMR15, BW95, LLW+19b, CCCP19, EV98, LVH08, TJ18, Ueh89]. On-siteDriverID [SGGC+16]. One [CCD+19, KI89, EFD00, MZP+19, SYCH18]. one-dimensional [EFD00]. One-pass [CCD+19]. Online [AMPP19, HHW11, KOP+17, MG18, RGHH18, SRP19, VVB13a, AMQ+19, AQRH+18, AMKM18, ADBO18, ABH18, BCM18, CYJ19, CSQL17, DHW+17, GWC+16, GGC18, GSN+18, HLT+18].

HYF18, JWJ14, Jun18, KVvE18, LRL+14, LPY+18, LBU+10, MML+18, MSM+18b, NZOCJ+19, NJ17, PQBP17, PN09, SC16, SKS+18, SYW17, TL19, WXYL15, WWH16, WILW18, WXZ+18b, XCS+18, XWL+15, YLA18, ZLL17a, ZYB+18, ZXZL18, ZCL+19]. only [DD86]. onto [AGF+01, Van92]. Ontological [SCN+14, OCW14].

Ontologies [CBS17, CGM+07, KGD11, TDF07].

Ontology [BNJ16, GMP+16, SYT09, TOD17, TF17, AC16, Bae14, CXM18, CFL+15, JC09, KSM+07a, KSM+07b, LKN+13, RGVGSSZ14, SBLW14, SMZ+16, SSZ+17, TJWS10, TGL+18, TNY17, VPP+19, WMBV17]. Ontology-based [SYT09, TOD17, Bae14, JC09, SBLW14, TJWS10, TGL+18]. ontology-centric
Ontology-driven [GMP+16, VPP+19]. OntoZilla [JC09].

Open [BJMWZ08, CAS+16, QC18, AJZ+02, BFN18, CASW05, CCM+14, DPP03, HKP10, KS11, KS18b, KTTK17, MG11, MQN19, PWA+19, SJY+15, SWY+18, SGM11, SP93, SYK+17, TSGVRS19, TCB+17, YHA+19, CWD+08, GM11, Mil11, MCF11, SB11].

Opening [HIC´AFM+06]. OpenMOLE [RLRC13].

OpenMP [NHT06]. OpenNebula [KMT14]. OpenRTE [CWD08].

OpenStack [CFF14]. Operating [ZYA18, AHdJF97, BL98, BBI13, DDMPG17, Gos00, MGLV04, RG04, WB90, ZAI+18, Zin18, BG87]. operation [ALL+18, CYB90, MHA09, ONHT89, Sun10, Tak89b, WC14, YWA89]. operational [CPB00, FCW01, HJP92, RB12].

Optics [WMN+01, DL04, EG18, GDA18, Kat04, Lau92, LY90b, LHCC18, MBB10, NSI02, TMDZ15, ZZZ18, dLLA93, vWMBS14].

Optical [DFSZ88, MSM+18a, WSTW87, Yat88, CASW05, CGJ+10, DvdHdL06, GHO+11, HRJ+06, KK10b, LKT14, MWC+03, Mam09, Pal06, Pal09, RvdSB+03, SVC+07, YGYW16, dLRW03, vOHD+05, vdR87e].

Optimal [AOIS10, DLW07, DEG+17, GC94, KMK+19, KLM+03, KCM19, LXD17, LJW08, RSRV88, BG05, EBCP18, FTK+14, GS05, HZLH19, IDKD19, KA19, Len16, LSMVML13, SRKS18, SMS13, TKT+08, XYZ18, ZLTY10, ZWL13, ZaTZ+17, ZB19].

OPTIMIS [Ano12r]. Optimisation [AKP04, XRPT18, AL18, AR10, DHS99, PTD+18, SO98, TVB18, WH17, VVB15]. optimise [RS98]. optimised [BBC99].

Optimising [KACN16]. Optimistic [LM12, Pon19, YCAS03, WWW16].

Optimization [BC03, LXJD18, SSG17, TA18, WPS+18, ZCS+16, ACML05, ABM018, ANA16, AKP+18, AT18a, AC18, BRL19, BMW01, BMU16, BBL+05, CPBG16, CZF+18a, CHC+17, ECA+18, FZT+18, FM01, GSI02, GHEB+18, GGA+17, GZZ+18, HPZL18, HAP15, HZP+14, HZL18b, HLZ18, HCHH19, HKP10, ISS+15, KKS18b, Leo01, LLW18, LKG08, LAH10, LLW+12b, LJW+19, MVRM08, MG0117, PFR16, PKC+05, RD14, Sch03, SKJ01, SCY+18, SGN+17, SGB+18, TSK03, TWZ18, TV16, VR12, WVC05, WWX+17, WCL+17b, WWQ+18, WZWC18, WWZC19, WZ13, XDHL12, YDD+18, YKK13, ZRZ18, ZN12, ZZJ17, ZW19, ZYW+18, ZWZ19, ZLG+14, ZLL+16, ZQF+18, ZMS18, ZHHQ18, ZXL14, dNE05, MWMA10, PW09, PT16].

optimization-based [BRL19, HAP15].

optimizations [CC00, DSS98, SBA+05].

optimize [CdSDS15, HPGMM18, WCC+09].

Optimized [CAB+18, FDPR17, GTMZ17, TKA18b, AKCY+17, SSD+13, BFL09, BKKM11, DR18, DJK19, GSI16b, JNR01, LXL+17, LFL+18b, LJY10, SA07, TF18, TMMVL12, VS90, dSB19].

Optical [DFSZ88, MSM+18a, WSTW87, Yat88, CASW05, CGJ+10, DvdHdL06, GHO+11, HRJ+06, KK10b, LKT14, MWC+03, Mam09, Pal06, Pal09, RvdSB+03, SVC+07, YGYW16, dLRW03, vOHD+05, vdR87e].
P-Spec [MHZK18]. P2P [AR10, BCR+12, CsZw14, CW13b, DMZ09, FM08, FR08, GDJ+13, GPK05, GNWT05, HCC+14, HNK018, HDLW13, IT05].
Kim07a, LS10, LJY12, LLZ07, LQLX10, MM08, OPO13, OCCK14, PRS+13, RLP12, RMGC14, SA07, SAGL10, SYL18, WN10, WW13, WM07, YCX05, YMD+13, ZZL+10.
PaaS [KKKM18, KKKM17]. Pachycondyla [MVS00]. package [BK L01, De 98, SLZ95, YA07]. packet [KDHP16, MSM+18a]. packets [HCL+17].
Pairing-free [LL16]. pairwise [Tis07, XZ14b, YWJ+18]. Palmprint [BG12].
panchromatic [GHEB+18]. pansharpening [YJY+18]. paper [ECFP17a]. Papers [TCG14, BGL08, CC11, CCR18, Igl07, KZ17, LBR02, RW13].
paradigm [AHS+18, AHP+18, BLMU19, BDP11b, BRHI18, GBY16, HHSW02, HCL07, KB09a, LC14, MvdV01, PA01a, Pri95, STTK03, VR00, XLW+17, ZAA+14].
Paradigms [AR07, Gol00, GSN+19, SK12, SK14, KU01, LOJ+07, LDSH95, Luk00, Mal94, Mal01, Mal02, Mal05, MPG96, OSHH96, PPJ95, dRdRd+13, RZDM01, SD09, SBS09, SG05, SM96, TCG14, TKA14, TBD+02, Uch87, VSVdD95, Vre88, WGL92, ZHHQ18, ZEO01, dSL09, Aho06a, AEFG+01, AT01, ADT03, AKW90b, dRADFG18, AS14, Bai92, BBO18, BB+99, BC17, BK97, BPS06, BG05, BB+06, BGC+03, BBK18a, BM05, SYL18, WN10, WW13, WM07, YCX05, YMD+13, ZZL+10].
SVN10b, THKG98, Tan02b, TTC+14, TF18, TMT+07, Tic03, TV08, Tis07, TSZP99, UM02, VAS95, VP94, Vre89, VF01, VFS01, VSV95, WKZ+03, WKC+13, WHW16, WJZ+17, WWZC19, WAEO6, WHYZ17, XHY+90, YCAS03, YdOLS+05, ZT90, ZT91, ZGCM00, ZEO98, ZXL14, dKdOS03, dLB10, dOOO+13, dITK92, mM95, vKvWD92, vdV89a, vdV89b, BG87, Her87, NCCS99, NS17b, TRFR01, VD16, vdR86b.

Parallel-Operating [BG87].
parallel/distributed [CBK+01].
parallelisation [IJLC03].
parallelise [IJLC03, SLZ95].
Parallelising [Kea93].
Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, Joh89, Kos95, MBFC99, WC14, WRBG94, Zha93, ZS90].
parallelizable [Tor13].
Parallelization [BST+04, BPC+01, BVDF00, LPB04, WK99, BCMR01, Fah98, KC98, SMC18].
Parallelizing [GWC+16].
parameter [CQW+19, NHG02, NHG03, SNC18, SIL+13, SBA+05, SVN10b].
parameter-space [NHG02, NHG03].
Parameterisation [CQW+19]. parameters [HLZ18, NNB18, PBT02, SWW+13].
parametric [NGB18]. PARDIS [Kea99].
PARDISO [SGFS01, SG04]. Pareto [TZST14, WWX+17]. Paris [Ano84k].
Parkinsson [AAN+18, AAS17]. PARLIB [CGSZ95]. PARLOG [Bal91a, DT93].
ParSA [ZSX+15]. parsing [BM00].
 Parsytec [Cro95, vOB95]. part [PH94, MK16b, PZY16, PZY17, RVC16a].
Partial [WWT+16, PBC+16, PBC+17, TBD+02, Xia06, YCX18]. partial-load [PBC16, PBC+17]. partially [HKS18, Ven08]. partially-observable [Ven08]. participating [TDC+14]. participation [CAB+18, EKGS14, NZOJC+19].
participatory [LLGY18]. Particle [KG01, Sin92, WCL+17b, XRPT18, ABB+03, BVDF00, CM99, Len01, LAH10, Low01, MKH06, SLW01, ZSMS18].
Partitioning [ATF11, kHSzwJW18, SW05, SLG+17, BW97, GDM98, HZC+08, LXD17, VSD13, WC01, YWCC18].
partitions [SAC11]. Partridge [Ano87b].
party [CLM00, ED19, KKB18, Pol98]. pass [CCD+19, LY18a]. passage [BDHK06].
Passing [DKD08, Ber98, BFR99, Cu10a, Gor02, Kac00, Kal94, LD95]. passive [CsZW14, DD05]. pass [GWO03].
password [IOV+18, LZS18, ZXWA18]. password-based [IOV+18]. Past [AGMT17, Fer84]. PAT [WHS+18].
patchable [GHYK18]. Path [AHEM17, ADOKM06].
path-based [ADOKM06]. path-planning [Mar02]. paths [Alb04, CFG+05, WW11].
paths [Alb04, CFG+05, WW11, YXZG18b, vOHD+05]. patience [DANC16]. patient [AIB+18, CTT+08a, JNS+19].
patient-centered [JNS+19]. patients [DNW+19, HEES19].
Pattern [JHC18, dRADFG18, CD99, DDL01, KZCW13, LHJC18, LY18a, MP02, MRS+18a, Pet95, PSS+18, RAKJ18, THA+17, TNY17, TSOB15, WKT00, YL16].
Patterns [APS+19, AM17, AVPV17, ABG17, AW19, BP02, CDG+14, IIA18, KL02, LRJG19, LY17, LCL15, MRL14, PSK+10]. Paving [dRADFG18]. Pay [CDH+19].
[CLM+14a, Pol99, SYW17, ZWX+19]. payments [HCW+18]. PC [MTK00, MLS001]. PC-clusters [MLS001]. PCP [WWT+16]. PCP-B [WWT+16]. PCRLB [LWX13]. PCRLB-based [LWX13]. PC clusters [MLSO01]. PCP [WWT+16]. PCP-B [WWT+16]. PCRLB [LWX13]. PCRLB-based [LWX13]. PCs [BL02]. PD [MTKS00, MLSO01]. PCP [WWT+16]. PCP-B [WWT+16]. PCRLB [LWX13]. PCRLB-based [LWX13]. PCs [BL02]. PD [PKI+18]. PDDRA [SR12]. PDE [BRMN04, BEWZ10, NHT06, Par06, TBK06]. PDE-based [BRMN04]. PDEs [MR04b, MR03a]. PDG [CLP95]. peak [NJKF18]. pearls [BBH18]. pedestrian [KVK+18, RSY+18]. peer [ADK+09, BS09, CCT13, ÇÖ13, FLPP05, HWZL08, JC09, KKL06, KIC12, Li15, LAM07, MTV05, MCT+09, MROD10, PGS05, PSJ+12, PGMAM13, PRS12, PIP18a, PPL17, SM10, SLZ+09, WLP10, WLQ10, XKBA18, ZQQZ09, ZA13, BNFZ08, CTT+08a, CdCD07, FX10, HJJC10, TPBS14, TTP+07, WTK07]. peer-to-peer [ADK+09, BS09, CCT13, ÇÖ13, FLPP05, JC09, KKL06, KIC12, Li15, LAM07, MROD10, PGS05, PGMAM13, PRS12, PIP18a, PPL17, SM10, SLZ+09, WLP10, WLQ10, XKBA18, ZQQZ09, ZA13, BNFZ08, CTT+08a, CdCD07, FX10, HJJC10, TPBS14, TTP+07, WTK07]. Pegasus [DVJ+15]. PEI [VP94]. penalty [GZZ+18]. people [GMLGB+17, GMS18, RSMPP17]. people-to-people [GMS18]. per-application [XLL+14]. perceived [XJJ+18]. perceived-constraint [XJJ+18]. perception [GGH+19, IWH+18, ZYW+18, vDVB98]. percolation [BMPS01, Pa13]. percolation-driven [Pal13]. Performance [AFSH+18, AHL11, APS+19, BMRW01, BGI14, Ben99, BDZ13, BM92, BP94, BK06, CMT01, CHC+17, CMZ95, Cho04, CCKW88, DZ04, Din99, EPB18, ETR+13, FM01, FBS18, Gen95, GBT87, HB98, HCL07, HMW14, HJCD05, HJK+04, JSK+06, JS13, KZC04, KJFS12, KSW+13, Kunq94, LRC+18, LPD+13, LOK09, LZHY19, MLC+11, MYBMM18, MM03, MLZ+00, Par04, Pip18b, RKSU08, RPMG10, SI18, Shi04, SD03, SG14, SVA01, SK06, TDF07, VS09, WDJC18, Wil00, Wri19, WXGM18, Yam92, dOOO+13, dSL98, Abo9a, AB01, AFI07, ADK06, ACU95, AMW99, AB05, AKB18b, ASB18, AEME+18, BL98, BARM14, BFS+17a, BFS+17b, BBC+99, BC17, Ber96, BCS99, Bhu95, BJS09, BGC+03, BGMLS17, BRHH18, CRE01, CN17, CSW06, CCRV13, CWD+08, CKF06, CSG+18, CW13a, CLP+14, CS12, DCS+07, DCFB19, DRS+97]. performance [DPS16, DGCN17, Dog09, DHI99, ET08, EP13, FD02, FSM+18a, FJ00, FJT01, FPR18, FdSC07, GVD16, GAFFOG12, GNOY01, GS13, GJG13, GV13, GLN13, GEAR13, GRMS018, GI18, GGH+06, GGS09, GJK18, GG10, GAB+96, HD05, HAF+16, HHSW92, HDC+94, HAE+03, HO02, HKT10, HKM+06, HWZL08, JAA09, JLC18, KDHP16, Ka94, KZL06, KMB+17, KBVH14, Kha12, KSA08, KBM+02, KKK07, KPM+18, KCV11, KK+14, KS17b, KAE+18, KB92, Lau01, LSL05, Lee04, LGW07, LB09, LRYJ17, LSD+17, LHX+18, LFH+15, LLSR02, LM90b, MJM+16, MH01, MYW+19, MAJD18, MBMTJR18, MKH06, MI01, MKH13, MD12, MSBA16, MSM+18a, MFL18, MOK06, MDT+18, MROD10, MWMA10, NNRA19, OG18, OF07, OKF10, OP97, OS01, PLZ19, PS10, PH99, PSL19, PMBS14, PPS09, PH94, PAK19, PDDS10, RSV90, RMJ+18, RS16]. performance [RLL+17, Reu03b, RS01, RS94, RKB18, RZDM01, SPMC10, SEH99, STH+98, SGFS01, SB97, Sch03, SHN10, SGCK10, SEM11, SSZ13, SBA+17, Ste94, SRR19, SSP17, SCH+19, SVN10b, TLTY06, Tao10, TMDZ15, TbdL16, TS08, TBNF09, Tur18, VSM02, VB03, WJS+18, WMY+18, WZWC18, WBF08, Wit94, WSH99, WH17, WCC+09, XTF+19, XDLH12, 


YJA03, YZLQ14, ZG19, ZMP10, ZN12, ZYZ+18, ZLTY10, ZZJ17, ZCQ+16, ZYT15, ZGCM00, dKdOS03, Li99.

performance-aware [KKW+14].

performance-critical [XTF+19].

performance-directed [RSR01].

performances [CGI14, GIM16, UNM+16].

performing [CEJK94, SOD18].

perimeters [RR18].

periods [IHA18].

periodic [IHA18, KY04].

periodic-frequent [IHA18].

Perspectives [Wal94, WWRS16, Wil86, WZ16].

Persistent

[CSY18, ALL+18, GHP+18, ZSP17].

Personal

[EHMS00, GTCZG+18, Rao17, WLP18, ALL+18, HCC+14, JLU03, KZA11, LWF+17, Wal94, BSR18, LHL15, PSG06].

personalisation [SCN14].

personalization [PNH99].

personalization [FHYH15, MGV18].

Personalized

[NWD+18, ZCH+17, BJ12, GJ18, LG08, PARMF14, WMA18, WLS+18, ZZJY16].

perspective

[Aig86, BDH14, GVBG17, HCC+94, HPS97, HQ07, HQ10, Kob92, Mur95, SSK08, Wal94, WWR16, Wi86, WZ16].

Perspectives

[LPC+95, Nar86, SBB+10, SRC09, AC10, Baa87, KKVdB+17, PT05].

Pervasive

[AT18b, CMA11, CPDJ13, CC11, CD08, HZC+08, Kol18, NDZ+18a, NDZ+18b, NDZ+19, OB17, Pal13, SCN+14, SMM+14, ZGZ+10].

Pessimistic

[LM12].

PESYS [DW87].

pet [KSI16].

petra-scale [LSH+11].

petabyte [KLW+18].

Peter [ANO86i].

Petri [AEM10].

petrochemical [Han89].

PETSc [HNS05].

PFRT [LpC12].

PFGA [LYQ06].

Ph [vdR87c].

pharmaceutical [BGR+99].

Phase

[KI89, PM14, BG12, CEGL01, Fre94, FM10b, HZP+14, JL95, Mur86, TC92].

phase-based [FM10b].

phase-difference

[BG12].

phased [AWN+13].

phases

[KRZ12].

Phenomena

[BKS98, BMPS01, DS99, KCT99, SW99].

phenomenon [Szu01].

phenomics

[PAC+17].

phenotype [MS03].

Phenylium

[DRA04].

PIEM [WA19].

PHFS [KIS11].

phishing

[SL12, WQF+10].

phone

[DYC+18, YWY+17].

photodynamic

[ZMZ+19].

photoelectric [XKJ+18].

photography [DJJ+18].

photonic

[GHH+03, MAM+09, HAE+03, WdL16, ZLD+03, MWC+03].

phylogenetic

[ODD+13, SLO+05b].

phylogenomic

[dOOO+13].

Physical

[GMM18, HLV+16, LWW+16, SHS+19, ABD+19, ABF+15a, AAM+16, BDE17, BK16, CM17, DWJ18, EAED18, EG18, GVBG17, GAW+18, GPHM+17, JHC10, KB16, LLS+14, LSL+15, LZY+16, MMP19, NLM+16, OFD17, OA17, PFK14, PTD+18, RVC16b, RVC16a, SMI14a, SZA+16, SZD+17, SM18, SSC04, WLZ+16, XLZ18, YS16, APRC16, ZHU+14].

physically

[SL19, VLC03].

Physics

[ABB+09, ABB+03, MDD89, Par06].

physiological

[GHH+19].

PICADOR

[BGR+17].

PiCo

[MDT+18].

Picos

[YAG+15].

picture [Fuk85, LYZC15].

pictures

[SKF+09, WdL16].

PIE64

[HKT94].

piecewise [GZZ+18].

pillbox

[HZM14].

pilot

[Mar99b, RHA15].

Pinatubo

[CDRS05].

pinning

[KAE+18].

PIOMT

[AbA06b].

PIPE

[BFD+05].

pipeline

[KN10, ZZJ17, HRR+14].

pipelined

[PHL98, PWM17, WLF+09].

pipelines

[MDT+18].

pipsCloud

[WMY+18].

Pixel

[XTL+19, PDK10].

Pixel-wise

[XTL+19].

PKI

[GMC03, Var00].

PKIX

[JLU03].

PKIX-based

[JLU03].

place

[PWM17].

placement

[AK14, ACK+15, BBB+19, CRTN17, EBCP18, LWW18, LWZ18, LPBB+18, Lw05, MLG13, MNN12, MDD15, Pon19, SMBMT+18, SO98].
TZLL18, TMW+17, TMMVL12, YPLZ17, YYLC10, ZWHC17, ZLL+16. Placing
[KN10]. plan [ABZK15, LWS+12]. Planck
[TMV+07]. plane
[CBBL16, GZLZ16, LLW+19b]. planes
[Mam09]. planned [KY85]. Planning
[WTM+17, AMD08, AFPG91, AFP†92, BA17, CMB17, CYJ19, DCC+14, KBE04, MAR02, OS92, RN04, SA14, ZWMC19].
plant [Hir89, Maes98, PAC+17, Suz89].
plants [Han89]. plasma [BVDF00].
plasmas [GPH†84]. plastic [Ned06].
Platform [GC00, GP*S+17, PECA19, SV16, AMQS+19, CQW+19, CVKB12, CGSV17, CW93, CSQ17, DDV92, DVVD02, DBA98, Fau05, FPP+18, FCD+14, FSP+18, GTMZ17, JNS†19, KKS+18a, KKKM17, KKKM18, LYJ10, LC14, LSH†11, LWHS07, LLW+19b, MAD†16, NV11, NKB19, NDZ†18a, NDZ†18b, NDZ†19, PWB+13, PPL17, QZD†18, SAGGB17, SBHD08, SA19, SBD†18, TKA†18a, TSGVRS19, TCG+14, TCB+17, VF18, WTK07, WQG15, WCC†19, XFL16, YWL†17, ZJZW04, dSkr†19, CLM†16]. Platform-as-a-Service
[CLM†16]. platforms [AUSA19, BYV†09, CTC13, CA15b, DCL†18, HA16, HA18, KMK†14, LCH†11, LOR†18, LLW†18a, LRZ†18, LZX16, MI01, MCD16, NNC†19, PPSS18, PPA18, RB18, SB16, SBF†17, SG15, ZCL†14, ZZQ†13, dSBN19]. play
dRRRR†18, WXYL15]. playground
[GGW†09]. Playing [Mér17]. PLC
[XKJ†18]. PLFG [Tan02b]. Plug
[MS01, CCDS08, dRRRR†18]. plug-and-play
dRRRR†18]. plug-in
CCDS08]. Plug-ins [MS01], plumes
[Sha16]. plus [BS96, CYB90]. PM
[WBF08, XTL†19]. PMC [BBC+12].
PMC-based [BBC+12].
PMCommunications [STH†98]. PMI
[TLC†15]. PODOS [VSM02]. Point
[WAE06, CFV03, FGG03, Fio06, LWSY18, LW18b, Ram95, SKF†11, XWL†18, WTC†02]. point-of-interest
[LWSY18, LW18b]. pointer [KP12].
pointing [MKS18]. Points
[YZZC19, DNJG17]. Poisonedwater
[WN10]. Poisson [LZLL18a]. PoKeMon
[FZW†18]. polarizabilities [Tor04]. pole
[Var03]. policies
[ADBO18, BFQ18, CXC†18, DZ04, DT16, EPB18, Lea13, LHMM14, LHC03, MG14, MVC†13, PZA18, SMSF18]. Policy
[Baa87, NCS12, Rao17, Abo99, AEK†18, BBI13, DLH†17, FS18, HY09, HZL18a, Hu10, JFZL17, JSMG18, LL04c, LJY10, LDZW19, MHZK18, QRW†18, VCC†03, XLL18b, YBQ07, LAL†15, LHL†15]. policy-based [VCC†03]. polling
[GHEB†18]. polling [AAC04]. polyadic
[Bu18]. polygons [LD04]. polymer
[JLMR00]. polymorphic [AMM16].
Polynomials [TX14]. polyradicals [She04].
polysonomographies [KCH†13]. POMPC
[Por95]. POOSS [CHHW91]. POP [NK07].
POP-C [NK07]. POPE [BG87].
Popularity [WZML18, ZLL17a]. Popularity-based [WZML18]. population
[Gue10, KX11]. pornographic [LYXT14].
porosimetry [HRJ†04]. porous [RS99].
pot [CCHW91, ESPN17]. portability
[CN92, HA18, MCC96, PSL19, Ren03b]. portable
[BCM†95, GD93b, MMC†18, PMPC13].
portal
[FFPS10, GL04a, KSQ08, LW08, RMA†16, YLC†06, BAD†05, FK11, FNA12]. portal-based [LW08]. portals [BCMA07].
portfolio [BHRT98, HKP10]. Porting
[FFG95b, CR92, GJS†94]. ports [CSL18].
Position
[FZW†18, YXA†18, BSE†13, ZF16]. position-based [ZF16]. positioning
[CC19, HDH†18, LWW†16, OMD†18].
positive [Amo06, WJLW18]. positives
[LY17]. possession
[Che13b, SYY†17, ZZN†15]. post
Preferred [LZY+19]. prefetching
[CY01, PKC04, WZWC18]. pregnancy
[MRS+18a]. Preliminary
[LF95a, KSY92, TC92]. premiere
[MBC+11], Prentice [vDR87b].
Prentice-Hall [vDR87h]. preparation
[dLLA93]. preprocessing
[CGM+07, MCSA18, RHKC15].
Preprocessor [VOV17], prescribed
[CD503]. prescription [HIA+18b].
presence [KDHP16, MFT].
present [PPMM]. preventive
[SM18]. presentation [Zna94].
prescribed [CRYG18, ZCL+19]. Preserving
[TSOB15, YDNV16, ALL+18, CZ12].
DHV+17, EL03. FTA+14, FH13, FRZ19.
GQXL18, GAI+18, IOV+18, JCMPPC+18.
JYY+17, JLC18, KKB18, KC19, KLMB19.
KK18b, LLC+14b, LCL+16, LLH+17.
LLY+18, LLY+18, LXMW15, LML+16.
LDY+18, LNY+18, LLLW17, MML+18.
NK17, PSY+19, QZD+18, QGX18, RBA17.
SYY+17, SLW11, SLL+17, TAS+18, UM02.
VCD+18, Wan18b, XCS+18, YLN15.
YZZ+17, YCXW18, YCW18, YK17, ZCLW18.
ZXL1, ZZX+19, ZRY+18, ZYK17.
ZZZ18, ZZL+18, ZSY+19, ZRR+14]. Press
[Teb86, Zad87, vDR87i, vDR87j]. pressure
[DMN+05]. pretense [NCC+19].
presence [RAK18], prevent [LTN10].
preventing [SM18]. prevention [KIAD17].
preventive [PPPMM+18]. PREVISE
[dLLA93]. Price
[Ano86i, Ano87b, Ano87c, CLRL18.
GGLW18, JTB13, JHC18, vDR87b, vDR87a.
vDR87d, YCYXW18, YH17, ZYK17.
ZSY+17, ZYY+18, ZYK17].
principles [BH13, BDFP05].
Principles [DHS00a, VRGR16, DK00.
Gill94, GS15, PO00, Pap05, WRBG94].
print [KLY+04]. printed [YCYJ18]. priority
[GL04a]. priorities [GS13]. prioritization
[FD95, SRN+18]. Prioritized [WBT+08].
priority [AS18a, ÇBCA15, DSCJ18, VAdIP12].
Privacy
[AWYJ16, ACC+19, ALL+18, CRYG18.
FTA+14, FRZ19, GQXL18, JYY+17, KH18b.
LL+14b, LYY+18, LLY+18, LLGY18.
LLAW17, MHZK18, NK17, Opp00, PMBS14.
PSY+19, QGX18, TAS+18, WSN18.
XDWL15, YDNV16, YZG+18, ZYK17.
ZWS+12, ZCL+19, ACL+18, AdVAGF18.
AIA+18b, AMI0, CD16, DGY+18, DA18.
FH13, GAI+18, GBKJ18, GSN+18, HKH+16.
IOV+18, JCMPPC+18, JLC18, KK18b.
KYB+19, KC19, KLMB19, LCL+16, LLH+17.
LYC18, LXMW15, LML+16, LSHW17.
LDY+18, LNY+18, LRW17, MML+18.
NWMG17, PARMF14, PLW+19, QZD+18.
RHH+16, RBA17, SYA17, SY+17, SCL14.
SCZ+14, SLW11, SCH+17, SLL+17, VCD+18.
Wan18b, XCS+18, YLN15, YZW+18.
YXA+18, YCXW18, YK17, ZCLW18.
ZZL18, ZCZ18, ZXX+19, ZRR+14].
Privacy-aware [MHZK18, DA18, SCH+17].
Privacy-based [LLY18].
Privacy-preserved [CRYG18, ZCL+19].
Privacy-Preserving [YDNV16, ALL+18.
FRZ19, GQXL18, KH18b, LCL+14b.
LL+18, LLAW17, PSY+19, QGX18.
TAS+18, YZG+18, ZYK17, GAI+18, JLC18.
KC19, KLMB19, LCL+16, LLH+17.
LXMW15, LML+16, LTY+18, LNY+18.
MML+18, QZD+18, SY+17, Wan18b.
XCS+18, YCXW18, ZXL18, ZZZ18].
Privacy-protected [WSN18].
privacy-protecting [CD16].
Privacy/performance [PMBS14]. Private
[RLV614, CL+14, FDP17, GSDL12.
HYF18, KTY03, KKL11, Nag06a, PMBS14.
SGK10, ZLZ18]. privatized [SB17].
PrivBox [ABH18], privilege
[CO03, QRW+18, XWRZ19]. PRNU
[VOCHC17]. PRNU-based [VOCHC17].
Proactive
[GHYK18, LW18a, QGT+18, WZML18.
Probabilistic [MK95, RT16, AC92, Bag16, Ban05, EMM12, SB18]. probabilities [DK14]. Probability [HLC16, LYYY18]. Probability-based [HLC16]. Problem [Jon00, Pad92, YPF05, ABMESM18, ABMMC18, AK18a, BZMY10, BJA+05, BP13, BHRT98, CSC+05, CGH04, CD99, CRM05, Del06, DV13, DOV01, DSC13, EPJ+05, GMM18, HXWW18, KKS08, KPS18, Kos00, MC00, NMC05, OVDV98, OB19, Prz03, SJR13, SK18, SV15, TRFR01, TV16, Tre03, VDPH09, WL05, WH05, WLH16, WAE06, Z05b, ZAP05, tTvH96, vdV89a, SMI01, VAS95].

Problem-Solving [YPF05, Pad92, CRM05, WH05]. Problems [Nit86, SSG17, Van87a, BCMR01, BS04, BV04, CM16, CTO06, Dat03, DHD89, DR03, ED04, FFPS10, Hul89, JNR01, MGMT18, MR04a, Ned06, PK13, RGH+01, SKT08, Sch03, SJV12, Tab06, THKG98, VFS01, WWX+17, XA10, XRPT18, YDD+18, ZRZL18, ZTKF17, ZEO98, ZEO01]. procedural [BMFC07]. procedure [FCW01, LYS12]. procedures [RB12, dLLA93]. Proceedings [Rho89].

Process [ANG+19, SJV+15, BBL+05, CL95, CRZ15, CAS+18, Cur92, DUV90, DLZ+14, EG18, FJ00, HAHS05, HXC+18, LZZL18a, LWS+12, LHW+18, LCC18, MKM11, Niw98, PTD+18, dRRdQR+18, SGY+07, TIHT14, WZ16, ZMS+06]. process-based [LHW+18]. process-independent [EG18].

process-level [CLP95]. processed [De 88]. processes [Bag16, BMPS01, BKB18a, BDNN02, CM01, CHSA18, EL98, Gue01, HW95, LDJ19, Mis92, MAB+15, SKT02, WML14].

Processing [CLNR18, FMD09, HCB16, LJ17a, MLBS11, WXGM18, YZI18, Ano86j, ADLM18, dRADFG18, BKB11, CQW+19, CMX+16, CLZ18, CN92, Chv87, CEJK94, CGM+18, CBBD16, DMR93, DF97, EFD00, EMHE18, FPR18, GP09, Her87, HRVW18, Hsu14, JSZ+19, KKI14, Kim18, Kob92, KVHT10, KE85, LGH97, LKM14, LGW+17, LH07, LK08, LHW+18, LRC+18, LM90a, ML18b, MTD18, MAPA19, NMZC06, ONHT89, PK99, PKY+17, PP18, PPS+18, Ref87, Sap88, SL87, STC15, Šle14, SSL13, SD03, SRN+18, TWZP18, Tie93, TDRB18, VEET18, WPGN+18, WZW+19, WWCN13, WMY+18, WdL16, XB14, XTF+19, YFY+13, ZYB+18, ZFS+18, ZQB+18, ZEO98, ZSB19, vdR86b, ZSP17].

Processor [VV92, XHY+90, AG92, Dui89, G15, Goo01, Goo02, JCSS01, SL03, LMH+09, MRN19, MW12, Ser98, WZZC19, DFSZ88, Geo02]. processors [ASW11, ADH+16, BVFGWA15, BFR05, DR05, FD95, GA+16, KR14, Li18, LG16b, PAB+14, SD06, SCK+00, WSH+16, WLR18, YDT19]. ProCoS [BH91, BHH92]. Procrustes [Tre03]. procurement [VB15]. Producing [Wei11, LHC18]. product [HBCR01, SPS18, Tho06, WHCZ18, XLL+19].

LCH+11, Leo98, Li90, LDSH95, MWYC12, MRV92, RS94, SR03, Ser98, SLO+05b, SBLT05, TKB+10, Yam92. Programmable [BRH18, To99, XLL18b]. Programme [HT02]. Programmer [Kea99]. Programmer-level [Kea99]. programmers [Teb86, vdR87i]. Programming [BCL88, BR92, BP94, CSP98, JBA94, KGX95, KBM+02, KB92, Lok12, LS+94, NK07, PB95, ST99, AC19d02, ADAD12, AD03, Ano84k, Ano85g, Bal92, Bal16, BMFC07, BS+05, BLB03, CL95, CDF+05, CMS+18, CPK05, DDRR96, DHS00b, DLW86, DSSC18, GQLX18, GHW94, GdV10, GGA17, HLSØ06, IMS90, JLQ18, JK05, Koc09b, LP01, Luk89, MD92a, McC96, MS01, MK95, NF13, OBK88, Oku92, SSKF95, SFR15, SHJ06, WWC14, WM14, WDD00, WHY21, WB90, YLG16, ZME+15, vdR87h, vdR87j].

Programs [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, CA+18, De 88, FSP02, FJ00, JC00, Kac00, KTV03, LT07, LRM+94, Mal94, Reo03b, RCD03, TDC+14, VP94, WWZ19, ZT90, ZT91, Zha93, ZS90].

Progress [HV84, WGX19, DQ97, GK18, Hul89, MAC17]. progression [DRC19]. Progressive [CCM98, CCLS09, VSO4].

ProHPC [BB0+99]. Project [Zin00, Asa88, ALFR16, Coo94, DSC18, FS03, FK99, Fur92, Jon00, Kas85, Lin84, NTN86, VBP03, vdR87e, vdR93b, BVP+87, KMB+02, MF05, ST93].

Promotion [Bv94, BW09, CGL18].

Projects [HK88, KZL06]. projects [Mar86, NSF87].

Prolog [BG87, vdR87g, Dup90, AR98, CY98, CY90, GC94, HSS00, LY90a, LY90b, Lop03, Teb86, vdR87i, vdR87j].

Promise [TS99, FS97, Fu91]. Promises [FFC18].

Promise [Mat18]. Promoting [FDS07].

Prove [AGKZ18]. proof [LNY+18, MD92b].

Propagation [CsZ14, SKS+18, FX10, GKI05, GCK98, LNB14, OA17, TM05, XHL+19]. propelling [Suz89]. proper [SMBMT+18]. properties [Bau05, DA16, IS06, KJ11, LS05, NCS04].

property [YSZ18]. proportional [LL04c, NP06]. proportional-share [NP06].

proportions [KHZ18]. prospect [CE+17, Ka92]. Prospects [TS99, Fer84]. protected [WSN18]. Protecting [EHMS00, Sip12, SSB13, CD16].

Protection [Hv84, WGX19, DQ97, GK18, Hul89, MAC17]. progression [DRC19]. Progressive [CCM98, CCLS09, VSO4].

Proteins [BORM07, FVFA98]. Protocol [GLHF17, AMH02, AMH04, AGR19, AQRH+18, AT19b, AS02, AEC02, AKB+18a, ASAA18, AH11, BP13, BDFP05, BRB19, CHJS+10, FG18, GKI04, GZL+18, HZ18, IOV18, JJS18, KYB+19, KKL09, KC19, LCL18, LSD11, LWW+16, LWL+16, LEW19, LM12, LLW17, MLC+18, MZD+16, RACA18, Ren03a, RRR+18, SCS+18, TKA18b, Wan18b, XZZ+14, XWW+18, ZY+18, ZWX18, BBM+03, JL14, OV19].

Protocols [BCH08, GSD95, ZYA18, BSRR18, BAC02, CJG18, DSS98, DZH18, GBKJ18, LTC12, RC18, RC19, RMB18, TLS17, TVV13, TIS+18, URM19, YH18, ZGS+13, ZAI+18, SMC18].

Prototypes [Ans11, GRP04, KSY92, WWV17, ZY90, ZCW+04]. prova [GMB19]. provable [WXY15].

Provably [ODK+17, WWW+16, Wan19, GPA96, KLW+17, TX14].

Provenance [GCM11, GMI11, MI11, MCF+11, SB11, AT+16, ABG17, AS13, CPA14, CDL18, CMD+14, DCMB15, DMM11, FKOC11, HMM18, IHK+18, LCH14, LCF11, LFH+15, MS+13, MG11, SG11, WLF+09, WHW17, XFTZ16]. provers [ST93].

Provide [MK04]. Provider [GVBdL15, BML16, CLM+16, GBRM18, IGB+14, PR514]. Providers
LRZ+18, MG18, MKT09, NJ17, OKF10, RPA+18, SKF+09, VLK09, VSBN19, XYZ05, AB19b, BRR+04, BMP+16, CPGBC16, CCT13, CRRC18, CFF14, DT93, Do9+09, FSP02, FAMA+17, GKV+12, GRX19, HNCJ13, HMP04, JOPW14, KA09, LF01, LLWN04, LG16b, MPCAF15, MGA+18, MOFGP18, MRN19, OPT+17, Pal09, PKF14, PTD+18, PWP+18, PGTC18, P699, PN09, SS04, SST+06, Sin92, SK12, TDRG17, TCCW19, WQG15, WSH+16, WOPW13, Wu16, YAO14, YNSM12, YCL+19, ZMITT16, ZCK+15, ZSP17, Zin18, dITK92]. real-life [JOPW14]. Real-Time [MG18, AKG+17, BKB11, CDH+19, DGD+16, EET18, HKU+11, HEES19, KLC05, Kim18, LRZ+18, MKT09, NJ17, OKF10, RPA+18, VLK09, VSBN19, XYZ05, AB19b, BRR+04, BMP+16, CRRC18, DT93, Do9+09, GKV+12, GRX19, HNCJ13, HMP04, LF01, LG16b, MPCAF15, MOFGP18, MRN19, OPT+17, Pal09, PKF14, PTD+18, PGTC18, P699, PN09, SS04, SST+06, Sin92, SK12, TDRG17, TCCW19, WQG15, WSH+16, Wu16, YNSM12, YCL+19, ZMITT16, ZCK+15, ZSP17, Zin18].

real-time [FSP02]. realisation [DG09]. realistic [CPGBC16]. Reality [CHK98, Kaa99, Ami90, BLRS98, BYV+09, CCBR98, CN98, DDS+09, DBA98, GGH+19, Kaa98, PSC+06, SUA+98, vDDBB98, RMSPP17].

realization [Kom98b, KM01]. realizations [DL03]. rear [PWP+18]. rear-end [PWP+18]. Reasoning [TVV13, ATT96, DKFK18, FB93, LLCF11, NS19, Se95, SCN+14, VM93, ZGZ+10].

reassignment [LXZ+18, STMV18]. recall [HMMW19]. receive [Gor02]. received [AKM18]. rechargeable [CZM+18, YHL+19]. Recognition [TTEL+18, SLTK19, TCCW19, BG12, Bae14, CPP+18, CZ12, GPJA+14, HUMA18, HLL12, HLT+18, HMMW19, JLQZ18, Kha12, KLP+04, KKP+05, LSSL18, MPH00, OCW14, Pet95, PSS+18, RSY+18, SCZ+19, TJI18, YPCK12, YXY18]. recombination [SBS98]. Recommend [GGLW18].

Recommendation [GCCPGBGS10, RMA+18, ABZK15, AK18a, CQW+19, CZL+18a, CCJ+16, CHY+18, FLR+16, GJ18, GGMG18, KZA+18, KKYK04, LCH+11, LCW+18, LZH+18, LLW+19a, LXM15, LQLX10, LLGY18, LW18b, LSY+18, MLW+18b, QZD+18, RW18, WMA18, dOWdAS+18, XLL+18a, ZX16, YWL+17, ZZJY16, ZL18]. recommendation-based [CQW+19]. recommendations [SDK19, WBP09, ZCH+17]. Recommender [EGVT18, YL18, AMPP19, DV13, KKB18, TNY17, TAKV12]. recomputation [HSS00]. reconfigurable [AAB+92, ASW11, FCC12, HZDS19, JL98, KTK14, NWE04, Pan95a, PHL98, YP12]. reconfiguration [CCL509, EG18, GHY+18, GVURIVBV14, MN12, MKT09, PA01a].

reconsolidation [SHRE16]. reconstructed [AD18]. reconstruction [Alb04, IEG04, LLI+18, RICW00, WWA19, XSM04, YSZW18, ZS05b]. record [RCD03, BRR18]. record/replay [RCD03]. recordable [RCD03, BSRR18]. record/replay [RCD03, BSRR18].

recommendation-based [CQW+19]. recommendations [SDK19, WBP09, ZCH+17]. Recommender [EGVT18, YL18, AMPP19, DV13, KKB18, TNY17, TAKV12]. recomputation [HSS00]. reconfigurable [AAB+92, ASW11, FCC12, HZDS19, JL98, KTK14, NWE04, Pan95a, PHL98, YP12]. reconfiguration [CCL509, EG18, GHY+18, GVURIVBV14, MN12, MKT09, PA01a].

reconsolidation [SHRE16]. reconstructed [AD18]. reconstruction [Alb04, IEG04, LLI+18, RICW00, WWA19, XSM04, YSZW18, ZS05b]. record [RCD03, BRR18]. record/replay [RCD03]. recordable [LWW+16]. recorded [HNP05]. Recording [FM10b]. Records [Yao17, CTT+08a, LZLI18b, LHL15].


Reducing [FC05, de 94]. Reduction
reproducible [GMB19]. Reputation [PS10, ABH18, FMRS18, GA13, LXMW15, LHX+18, LBJ+18, RWY+18, TY11, TMI15, WN10, WYBS11, ZZH+18, ZCZ+18]. Reputation-based [PS10]. request [LLYW19, YZ12]. requests [HFM19, SYAL13]. required [PCB99]. requirements [SRM13]. requirements [Ber96, DDR96, FC05, GDP+18, HSS17, LLW+12b, Mur95, PB05, QCD16, YHA+19, YS16]. requires [DHS99]. rerouting [RRU+18]. Rescheduling [LZ10, dRdQGr+18]. Research [CCP18, CXZC18, CZH+18, CDFZ16, CSC18, CMZ+18, DGS09, DJJ+18, HGM15, Kaa99, LB3+18, LGW+17, MYH18, PSP+09, Van87b, VCE+19, WWZZ18, WZ18, WWZ18, YKO17, AZH18, BY93, BAD+05, BS84, CLM+16, CLCY18, CGL+10, CMD+14, Fur92, Gal87, GML+13, GSN+18, HPP+18, KZ17, KCH+13, LPC+95, LGS+07, MLG+11, MED16, MFL18, MM18, MCWP16, NSF87, OFMZ18, SDDS13, Sch94, SVN+10a, Sti93, Tie93, VB18, WLWH18, YS16, ZL18, ZL04a, vdR87l, Kaa98]. researchers [HSB+18, SDWS13]. reservation [CJ+18, CFG+05, DVB14]. reservations [ET08, NF07]. reserved [DEG+17, WCHL10, VV15]. reservoir [PKC+05]. reshaping [DZ12]. residual [RT15]. resilience [DLS14]. Resilient [AAAJQ+18, CM17, DLZ16, DCF19, EBCP18, LBB+19, PGTCB18, TDV+08, Wan18a, YAX+18]. Resisting [WSU+10]. resolution [ACSdR17, DCC+14, GMM18, HNQ+18, HJPS03, JRJ+11, JP18, KP8+03, KLM+04, PDW+11, PCB99, RJJ+09, RMA+16, SM99, SLK03, Wei11, YDK11]. resolving [SK18]. Resonance [RDS18]. resonators [CASM05]. Resource [CCKG99, CO10, DPK+19, DLR+18, EK+07, EY97, HQ07, K11, LWD+14, PFPJ18, PLL+15, PPA18, SMRM13, S10, TCBP16, TSB18, VDFS09, VPT+15, WCW18, WY17, Zhu04, AB02, AFF+09, AGK18, AMHJ10, AC18, A18, AS14, BS11, BBM+03, BCF+10, BAB12, BMK+14, BCR+12, BR10, CKB12, CT19, CL08, CH10, CL11, CL11b, CLS09, CXC+18, CT09, CS12, CC09, Ctu0b, CDD+10, DAD2, DS08, DSC18, ET08, EG18, Erd13, EM+13, EA17, Fer96, FEPC18, FMM+99, FSM+18b, GEG14, GDJ+13, GAP18, GPK05, GBR18, GBF+12, GJF+12, HZC+08, HB08, HY09, HAP15, HZZ+14, HC14, HB0, HDLW13, HPLL08, HML07, HML09, IDM+16, IDCJ11, IKLL12, ISS+15, IAL10, JCC12, JMG19, KS18, KC14, KHG+18, KA08, KM11, KADJ14, KACN16, KV12, KK+14, KFC+07, KGdL11, KKK10]. resource [KMK+14, Lea13, Lea15, LCF13, LTN10, LP17, LPK18, LL04c, Li10, LYY18, LLZ+18a, LJJ10, LC15, LLS+14, LSL+18, LWZ18, MTV05, MS13, MV09, NRR+15, NCS12, NK15, PFP16, PDAS18, P10, PGW09, PBP16, PKI+18, PN09, PR14, QMSG12, QTPG+12, RC13, RL12, RT15, RP18, dRRR+18, RGC+10, RSJ+14, RM11, SHBP10, SPD+19, SBAD+18, SIL+13, SCMS12, SMS14b, SCS11, TLC+15, TKB+15, TTB+13, TV18, TSBH11, TTP+07, URM19, VAd12, Vau93, VHML11, Ven09, VVB13b]
Wal86, WCHL10, WCF+15, WLA18a, WSH99, WCC+09, WXZ+19, XTT18, YBQ07, YC13,YW12, YPHZ14, YMD+13, YMY+17, ZAB15, ZL13, ZZZ+16, ZCS+16, ZGL+18, ZXZL18, ZZZ+17, ZYXL05, ZB19, ZA14, dACNC16. Resource-aware [DPK+19, PFPJ18, VPT+15, HY09, NK15]. resource-conscious [ZA14].


resource/service [MV09]. Resourceomic [CCM07]. resources [ACC+05a, AMMC18, ABP16, ABN17, BJWZ08, BC15, BT17, BNJ16, BKKM11, CMZ+12, CXDM18, DFC+08, DVBI4, EG18, EA13, GGMI+09, HMM17, KHG13, KVR+19, Kos95, KTTKI7, LN13, MBMTJR18, MDD15, NZ07, PSM+09, RMCD12, SGJ18, SSKK13, SVRO7, TCBC18, VCK12, VPT+10, Wu16, ZCWI11, dCTVC18].

respect [HW95, kHsZwJW18]. responders [RCMT18]. Response [BCS99, CAB+18, GGDM+18, GGH+19, KZA11, KGLY18, TDC+14, ZFC17, ZFC18].


restoration [XWZ+17]. restricted [YSZ18]. restrictions [LDJL19]. result [CB10, ZCW11]. Results [Ano87m, KI89, Ano87]. FHHG95a, LF95a, Man15, RHIMGC14, SZR18]. resuming [ALM+10]. retail [AB18b, GAP00].

Retargetable [DR05]. Retelab [CGL+10]. Rethink [XJW18]. retinal [JP01]. retrieval [AMBB18, AR15, ARP14, CC07, DQXW19, FLR+16, FC09, FMV14, HZC10, JCO8, KZCW13, KY04, MS03, OCdAM07, SYT09, SLZ+09, SDB+18, SNA92, SSZ+17, XAW+10, YJS18, ZZZ18]. retrievals [MPP13]. retrieving [SZC05]. retry [CK00]. return [Kuo86, TCH19]. reusable [AEK+18, CN92, LTZ15, RS17b, SK18].

reuse [CTR+17, TSTD16, TV08]. reuse-by-composition [TSTD16]. Revamp [TKA18b]. revenue [MG14]. reverse [FC05, HNP05, MLW+18]. reverse-mode [FC05, HNP05]. reversible [HLC16, JL03]. Review [AZHI18, KS18b, KT17, AHD+19, EGVT18, Gar92, MEC16, WZH+19, WLHH18, Zha93, Fuk85]. Reviewer [Ano86i, Ano87b, Ano87c, Ano87l].

Reviewers [Ano07, Ano08, Ano10, Ano11a, Ano12a]. revision [LCC19]. revisited [RRN18]. Revising [ZLZ+17]. revocable [LDZW19]. revolution [Sn84, Bur02]. Reward [CLI18b, WSH+18].

Reward-based [CLI18b]. rewriting [XWW+17]. RF [DD05]. RFID [ABC+18, ABS+18, CW14, GAI18, LCL+19, LEW19, RBA17, SLK17, SJL+17, YH18, YZW+18]. RFID-WSN [ABC+18].


[BBC+99, BS91b, Eng14, FBS18, LHJC18, LNZ+18, SNW01]. **road-vehicle** [BBC+99]. roadside [MCSA18]. **Robert** [Ano84k].

Robot
[Shi85, HMW+19, Mar02, Zhu18, DHC+17].

robotic [ADH+16]. **robotics** [DHC+17, VRGR16]. **robots** [CFPC+17, FGW+19, Poh87]. **Robust** [PBC+16, PBC+17, PF17, AIA+18a, AIB+18, BRMN04, CM17, CDS03, HZL18a, HUMA18, IOV+18, LPK17, LPK18, LNK+18, NWMG17, RS17b, Var03, WWW+16, WLS+18, HLV+16].

**Robustness** [WSZH18, SMS14b, SSW+19].

rocks [BBJ+06]. **Role** [SHJS+10, YLG+16, CO03, CGJ+10, HLL+11, LXZ+18, SOA17, Wie03, Wit94].


round [MG11, ZaTZ+17]. round-optimal [ZaTZ+17]. 

round-trip [MG11]. rounding [SS03]. routable [DK14]. route [RN04, YPLZ17]. routed [KD00, LOK09, SVC+07]. **Router** [JL14].

routes [LG18]. routine [OCdAM07].

routines [BFR05]. **Routing** [Dør05, GLAA8, TKA18b, AGR19, AT19b, ASA18, BRB19, BMK+14b, CST92, CA13, CJ14, CES+19, Che13a, DSBC19, DOV01, DK14, ESPN17, GBKJ18, HLL18, HZW+18, IGB+14, JLQ+17, KLM+03, KSAOK03, KSAOK08, KID+16, LTC12, LHB95, LS01, OVDP98, RQN+19, SAKOK03, SCY+18, SMS14a, SDD+09, VSKS19, WSZC18, Xia06, YHL+19, ZF16, ZYW+18, ZAI+18, LC17].

**RP3** [CR92]. **RPC** [KB18]. **RPL** [AGR19].

RRNS [CBT+19]. **RSA** [KKL09b, YXA+16]. **RT** [HNCJ13, WSH+16]. **RT-MOVICAB-IDS** [HNCJ13]. **RT-ROS** [WSH+16]. RTO [CJG+18].

**RTOS** [JK17]. Rule [FTP14, HBB09, LJ17a, LJPS05, XYLZ18, CCI18, KMI11, LLC+16, LHW+18, MRH17, PMK18, SCN+14, WQZ19, Yos89, ZCX+18, HCNT14]. **Rule-based** [HBB09, LJPS05, SCN+14, Yos89].

**Rule-driven** [FTP14]. rules [AW97, DSCJ18, EBOY14, GHGP19, KA08, MCL+16, SA97, XL19, ZDW+18]. Run [CWD+08, BC15, HIA+18c, TF17]. Run-Time [CWD+08, HIA+18c, TF17].

Runge [CP06]. running [CRE01, DW87, RM11, SHP+16, ZS18].

Runtime [JOPW14, AFB+10, EP12, Hø03, JPB17, LMZ+14, LKJ17, MZC10, MSE19, PcFP+17, TSK03, USK16, UDvdW+18, VR05, YAJ+15]. **runtime-interference** [Hø03]. routines [DPP03, KTV03].

S [Ano87c, Teb86, vdR87e, vdR87i, vdR87j, Ano99, Che18, LJ04, PBA18, XLW+17].

S-ABC [XLW+17]. S-**InTime** [PBA18]. SA [LHM14]. SaaS [CGL15, CPP16, FHYH15, FPPD14, IS18, VK17]. SaaS-based [FHYH15]. Sabotage [DSS07, Sar02].


**SAGE2** [RMA+16]. Salesman [SMI01, VAS95]. sampling [MK19, PPLL17, TKT+08, YKK13]. SAND [DCF19]. SAR [FCD+14]. Satellite [BT93, CFVP12]. satellites [TC92].


SCAI-SVSC [HYC+18]. Scalability [ASV+13, BNFZ08, LLRS94, McC96, MG18, LSB+18, MROD10, SMC99]. Scalable [AMH02, AGA16, BKB18a, CMX+16, FS18].
scal [W99]. Scale [AKW90a, CHK98, EGVT18, TKRA14, BRL19, BBSV92, BAPS14, BBj06, BDL06, BCog5, BCD+18, BCh08, CZT+15, CWL+18, Czy+18, CDF+06, CRVZ15, CA13, CA15b, CR92, CTT+08b, CXL18, CTO06, CGM+18, CGJ10, CSP13, Dat03, DAM08, Ding03, DKJ19, DPL14, FAP19, FQBC15, FRB+14, FDP17, FP18, FKB18, FWB13a, GLA88, GLNT13, GSv+10, GPh+94, GLVC18, GDAS18, GIM16, HST+18, HKM+06, HLCY16, HZ10, IPG+18, IS18, JH10, JL03, Jyz+18, Jh02, JTB15, Kos95, KTV03, LKM14, LTN10, LSz+16, LFP+17, LzL18a, LSH+11, LPK94, LM12, MTV05, MKH06, MR04a, MP+16, Mw+18b, NS07, NS10, PPZ12, P18, PB17, PGCC+10, PF17, PLL17, RN04, RL98, RMCMD12, SJL+18, TDFZ18, TJWS10, TY11, THT12, WVC05, WkZ+03, WLLF16, WWH+17, WRCC17, WCH+18, WDD18, WCW18, WBJM14, WS10, XLYZ18, XWL+15, YHJC05, YCAS03].

cscale
[YCX05, YGYW16, ZG19, ZWW+13, ZW10, ZYTc15, ZX14, ZA14, dSFP+17, dSK+19].

cscale-free [CWL+18, LzL18a]. cscale-out [YGYW16].

Scaling [Eng14, HSV+17, KZLK06, SEMJ11, Var00, AB16, CTBV12, CJJH13, DWS12, EMJ+13, EPB18, IPCA+16, KTTK17, KAEC+18, WPGN+18, WWZC19, dACNC16].

Scaling-out [SEMJ11]. scan [Alb04].

scaling [HYS04]. Scatter [FD12].

Scatter/Gather [FD12]. scattering [LPB04, LG18]. scenario [CGCB+12, HND06, HZLH19, KN+18, SRGT19].

scenario-based [KN+18]. Scenarios [BNJ16, DFGR14, FAMA+17, FPP+18, GMLGB+17, PAZ18, RCMT18, WLB11, ZAA+14]. scene [ASY+18, SOR05].

schedule [SK12]. scheduler [AJY15a, ASB18, BCB+07, CFGC03, CTR+17, JLD+19, KCS14, NRRA19, RD14, THN+06, EMHE18]. schedulers [BB13, CCDS08, EL98]. schedules [vdLLE19].

Scheduling [AH16, AL18, ACK+15, ABN17, BDNP13, CJHH13, Fri14, GVA+16, KV12, KV17, Li18, LAH10, LC13, LSMVM13, LRMC94, Pip18b, RBJ+13, RSRV88, RB18, RMHM17, Ser98, SD06, SIL+13, SK12, WHW16, Aba06a, Aba09, ABMES18, AOIS10, AN16, AEN13, AHEM17, AMD08, ADAAD12, ALK15, AGKZ18, APB16, AB17, AB18e, AFPG91, AFP+92, AMS19, AEM10, Bag16, BZMY10, BKS+18, BCC+17, BBB16, BT17, BBI13, CLRL17, CVT19, CGT07, CBCA15, CA13, CA15b, CCL07, CCL09, CM17, CK00, CXL+17, CLR18, CWJ+18b, CBK+17, CSL18, CGJS18, CCC14, DZ98, DRNC09, DLQ15, Dm10, DR18, DXL+18, DPL14, DCMW17, DSCJ18, DBS14, DNP14, EV96, EL98, ED04, Emm12, FK12, FD95, FNR00, GRH05, GSR18, GOBL16, GDL10, GS15, GPS13, GDS18, GP09, GKT15, GGS13, HV92].

scheduling [HCL07, HHW11, HXL09, HPL09, Hor+13, HSJ19, HML07, JCSS01, JLI+13, JM01, JEB18, KA09, KS18a, KCK16, KLP19, KX11, KMK09, KB09a, KK10b, LT07, LHL09, LKG07, LLH11, LLS14a, LYQ06, LB09, LGY+16, LJGW18, LZYC13, LG16b, LCMX16, LPV+16, MJM+16, MHC14,
MLSF16, MSE19, MRN19, Nag16, NP06, NRR+15, NPP12, NP03, Nos98, ÖEE13, PNGFJ13, PaI09, PBV+13, PK11, Par04, PF14, PW09, PT16, PAB+14, QCY+19, QPTGG+12, RR10, RC13, RNJK09, RMCMDG15, SS13, SZ98, SC16, SDA19, SKJ01, SDST18, SHLJ13, SWG+16, SZK16, Shi04, SOIS12, SG18, SV15, SG13, SAK+10, SG14, SCP09, SDD+09, SSP17, TBBK13, TDFZ18, TLTY06, TLL+11, TJZ+15, TKR+15, TPBS14, TdPF+17, TV16, TCC11, VVB11, VVB13a, VPT+15, Ven09, VVB13b, VMN+18, WWX+17, WHZL10, WKC+13, WWC14, WQG15, WCC16].

scheduling [WMQ+16, WCH+18, WL05, WHP09, WS10, WXZL11, WCC14, Wu16, WWT+16, WPJ16, XA10, XY15, XHY+90, YPLZ17, YKK13, YIA17, YZ12, YVL9, ZCL+14, ZYB+18, ZGL16, ZXL+18, ZQB+18, ZZS+19, ZZZ17, Zhu18].

scheme [ZCQ+16, ZS10]. Scheme [LNLA19, AMN18, AAC04, APK+18, AK18b, BBH18, BMK+14b, CG02, CHJ+04, CYH04, CGLO8, CRRC18, CBP18, DLLZ17, DC18a, DA18, FHZ18W, GAI+18, HKA+18, HAAWH+18, HZL+19, HWW04, HMW14, HLC16, HNQ+18, HZW+16, JNHL18, JKAU19, JLQ+17, KKB18, KHM13, Kol18, KLM19, KLW+16, KLW+17, LTJ1K2, LB10Y8, LK12, LLW+18a, LNK+18, LWK+18, LLW+19a, LH13b, LH0C03, LHL03, LNY+18, LDZW19, LL16, LZY+16, MCN+18, MGK+16, MK04, NB04, ODK+17, PY00, PWY03, PSL+04, PGCC+10, QGT+18, ROK19, SGGCR+16, SLS10, SGB+18, SCZ+14, TX14, Tor13, TYOH04, WWDF18, Wan18a, WHS+18, WDKV19, WZCH17, WZS+18, WLS+18, WLH+19, XLL+14, YYW+09, YPLZ17, YCT15, YD18, YXD18, ZJX+14, ZCL+18, ZZSZ+18, ZZHQ+18, ZZXL18, ZF17, ZFC18, ZFH+18, ZLY+19, ZaTZ+17]. Schemes [YDNV16, AO06, BMZ10, CDDR17, CJXX19, CHS11, DGA18, HSP+13, LLKF09, NZL+15, OPO13, PGSM05, RA12, Shi04, SAR18b, VCD+18]. Schlouder [MGG+17]. Scholarly [BH13, LZH+18]. School [HY03]. schooling [Sch01]. schools [MR03b]. Schrödinger [BFLL99, IS03]. Schwarz [SMC18]. SCI [STTK03].

SCI-based [STTK03]. Science [AC10, ABMS05, Bis96, BDP11b, CBN16, CF09, DGST09, HT02, LSAM13, NSF87, NTN86, Ros94, TS99, ZBB09, AHP+18, ABM+07, ALFR16, BHD09, BLB03, Bun03, CAC+10, CRSdS10, CH04, Co086, CGJ+10, DVJ+15, DX14, FGG03, GRPL04, GDP+18, GRCP+17, Hu89, JHL+06, Job98, Job02, Kol89, Lit03, MR03b, MM18, MCWP16, NJKF18, NLM+16, Rho89, Ros89, SAGL10, SPdSR+17, SBG+09, SL97, SG14, SSMG95, Tan02a, TBK+10, TBD16, Wei03, Wi89, WAD+89, WCKW10, XLL18b, Zhu14, AC10, BH13, KA13]. Sciences [AKMK05, SR03, CBBC+17, GCBM17, GRL11, GPS+17, Han03, Hu89, LWHC07, TWC+06].

Scientific [AL18, AGMT17, CBBC+17, HY03, LPV+16, MBZL09, PN13, PS13, SG17, AW03, AKB+01, Ans11, ABN17, BBBD01, Bea03, Ben99, BP10, CSW06, CTR+17, CZ14, CPA14, CdSDS15, dCCDFdO15, Dal03, DRS+97, Dim99, DT08, EHT10, FTP14, Fin99, GAB+14, GHZW94, GP09, GB99, HMM18, HZP+14, HSB+18, HLCL16, JNYP06, JCD+13, KPM+18, KB09b, LKN+13, LGY+16, LCC11, LZYC13, MJDN15, MdOO+17, MCT+09, MDO+15, MED16, MFL18, NF13, PNH99, PSG+06, PPLL17, PAC+17, RL98, RKB18, RB18, SV16, SSC09, SJV12, SCBK+16, TKK+14, TdPF+17, VCKB12, WLF+09, WSS+09, WWT+16, YMW13, YXYC10, ZXS+15, ZLR+15, vdV89b].

screening [WZH+19]. script [MBB10].
SDM [WLZ17b]. SDMS [LLW12b]. SDN [ZFC18, BLO18, KdB19, KBB16, SPT18, VSKS19, XDH17, ZWDP18, ZFC17, dSB19, vdPGZ16]. SDN-aware [KBB16]. SDN-based [dSB19]. SE [BT93]. SE-TC2 [BT93]. SEAI [vdR86b].
Search [ANA16, FPL19, MCT15, TL19, XRPT18, ABM18, Bal91a, BNZ08, BS09, CZZ18a, CWJ18a, CC98, CZZ18b, DLH17, Dzw97, ESW17, EA17, FH13, FLM16, HZL19, JCO8, KMT14, LA07, MV09, NS17a, NS18, PPZ14, RCM18, RHMG14, RNJ09, STA17a, SCBK16, TWW18, WXLY16, WCL17a, WW13, XLZ14, YD18, YX18, ZZ90, ZL13, ZW19, vW19]. Search-based [MCT15, XRPT18, RCM18].
search-optimizing [vW19]. searchable [DLZ16, DLL17, HQZ14, LLL18, WXLY16]. searches [HQQ16, SA07, SF06]. Searching [CFG93, Sch03, LF115, RTS16, SZC05, WHMO13]. Second [Ste05, B095, WYN90]. secrecy [BDNN02]. Secret [EHMS00, LEW19, SAR18b, ZZ15]. Section [CMA11, ChK11, CC11, CF09, GR09, GS09, HKPT10, JS12, KTO8, LXL09, LS10, NFK10, SGM11, WSB15, XZ11, ABA06b, ABM07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BN06, BLAV06, BB12, Bic05b, BR10, BRHH18, CRS08, CG10, DLP06, DDK08, DDM08, DT08, FA11a, FM10a, FM08, GA06, GMA07, GVTdL18, Hab05, HKM06, HJC10, Ig07, JO11, JL08, Kin07b, hKcF09, LEE12, MOK06, OM10, Ole07, PH07, PX07, RW13, Sle14, SDBdL06, SDI09, SPEW09, SD07, TBK08, TBdL16, VLD09, XLZ18, ZBB09, ZSH12, Zhu07, Zhu10, ZAP05]. sector [Nag86a, GG10]. SecTrust [AGR19].
SecTrust-RPL [AGR19]. Secure [AEK18, ABCD00, BK16, CDD17, Ciu10a, HQH16, HYS17, HYS18, KKL09b, LLQS14, LNAL19, LHL15, LZZL18b, LZZ18b, LHBC16, MLW18a, Mer13, MAA19, RHH16, RTS16, SAR18b, SSF09, SY17, SPK18, WXLY16, XMS15, ZMH18, ABMM18, AGR19, APK18, BDPF05, CPD15, CFF19, CZZ18, CDL18, DJZ15, Din03, FLPP05, FS18, GPA00, GA18, GZL18, HAAW18, HZL19, HL19, HV19, HPP18, HMA18a, HLL11, JFD09, JSC15, JCL15, KZ11, KKKM13, KPA17, KLW17, LL04b, LTI12, LJS17, LJW13, LCWH14, LWK18, LAL15, LZC13, LL16, LWF17, LZY16, MLC18a, MK17, MYH18, NRV17, ODK17, POJ16, QGT18, Rao17, RSK16, RPA18, RACA18, RHP17, SRZD15, SGCR16, SB17b, Sin07, SBL18, TX14, TMB19, TCN14, TFS18, VCD18, WWW16, WMX17, WWDF18, Wan19, WDKV18, WZCH17, YY11, YNY14, ZZ15, ZWX19, ZDR07, ZSW18b, CKK04].
Securely [LC17, KBB09, MVL18a]. SecretSense [RHP17].
Securing [KP12, PWA19, PPSS06, Pol09, SKS18]. Security [AWYJ16, ALC18, AM10, CCR13, CHS11, DZZ15, FJKK17, KW14, LKCS18, LCL19, LRC18, LSHW17, PX07, WZWW18, XDL15, ZFZ18, AMN18, ABTF16, AAJ17, AMMC18, BFS17a, BBv11, BWR12, CDE05, CKK04, CKR16, CWW19, CB19, CBPP18, CSC18, CDFW18, CMVA18, CPP16, CMM00, DC18b, DZH18, DMD08, DT16, DDR07, FTH16, GMLGB17, GH19, GMC3, GKT15, JGK18, GSN18, HC14, HCN14, HPP18,
HIA+18b, KS18b, KLH+04, KKL09a, hKcF09, KBdLG18, KKKM17, KKKM18, KCCL18, LS0a7a, Lan00, LLW+12a, LNB14, LGy+16, LGL+17, LLW18, MG0+16, MPPM09, MSM+18b, MWL+18b, NV11, NWGM17, NZQ07, OA17, PSS13, PM00, RR18, RLM18, RM16, SAGGB17, SYJ+19a, SM03, SWY+18, SSZ13, SG5+18, SDK19, SSB13, TZL+18, TVV13, TMS+17, VPP+19, WXYL15, WZ18, WS10, YH18, YS16, YNY+14, YZN+15, YKO17, ZCY18, ZG18.

security [Zin18, ZL12]. security-aware [GHD19, HCJ14, WS10]. security-by-design [VPP+19].

security-enhanced [AMN18, KKKM17, KKKM18].

Security-oriented [WZWW+18].

segmentation [DH16, LSZ+16, SBCF16, TCCW19, DMM+99]. segments [TV08].

SEIM [TL19]. seismic [AMB+92].

Selected [BGL08, DMW04, Iglo7, TCG14, CC11, CCRL18]. Selecting [CLC11, GBKJ18].

Selection [DLH+17, ABMMC18, AKP+18, AFSH+18, AFSH+19, AT18b, ATT96, AWN+13, CC07, DPK+19, Dua94, DMM+05, ET08, FTK+14, FCY18, FJJ+18, FA11b, GHY+18, GB10, HWZL08, KA08, KH07, KKL06, KGT15, KIC12, KP18, LLW18, LD17, LDJ19, LW12+14, LWX13, MCJ19, MHZK18, MYK16, MVC10, PN214, RCM17, ROK19, RGC+10, SRKS18, SMZ+16, SDL+18, TDL17, TMP15, TAKV12, WCH10, WHS+17, WLA18a, WLQ10, XLYL18, XLW+17, XWL+18, YPY19].

Selective [LNY+18, HSS00, LM12, LHCC18]. Self [AFB+10, CRM+16, DMZ12, DD05, FSM88, GZL+18, KK16, Lea13, LG16a, LHM14, MG10, NAD+18, PYH17, TBB+17, WXZ+18b, dSGD13, AEME+18, BMH10, CLNR18, CCT13, CFMC19, DDD18, DRNMC09, EKGS14, FS07, GL04b, GDR+14, GNGG17, KKB14, KMN+05, LH13b, LWL+18, LW18b, MP+16, NJHT11, RP18, dRRRR+18, dRRdQGR+18, SJL+18, TJJ+15, TCCCI1, VRGR16, Vin16, XHY+90, YP12, PIKM02]. self-* [Vin16].

self-adaptation [CLNR18]. Self-adaptive [LHM14, WXZ+18b, AEME+18, CFMC19, DDD18, EKGS14, KKB14, LW18b, TJJ+15].


Self-evolving [NAD+18]. self-gravitating [KMN+05]. Self-healing [AFB+10, GZL+18, dSGD13].

Self-managed [CRM+16, NJHT11].


Self-organizing [DD05, FSM88, FS07, MP+16, dRRRR+18, dRRdQGR+18, SJL+18, NWGM17].

Self-provisioned [MG10].

self-reconfigurable [YP12].

Self-regulating [PYH17]. self-repair [GDR+14]. Self-scalable [KK16].

self-scheduling [DRNMC09, XHY+90].


Self-Understanding [LG16a]. selfish [LQL+17, JXC+19, PBV+13].

SemantEco [PSW+14]. Semantic [ARP14, BPC+14, DNW+19, HB08, HC17, HQL0, KAR14, MRS+18a, PBC+11, RVST17, Sun10, WZL18, ZL04a, AD18, ABTF16, AGA16, AGA18, ACC+16, BDH14, BX04, CPSRG14, DLZ+14, DT16, DPS16, DMM11, FLR+16, FC09, GACM17, HK88, Hal88, HSB+18, JCO8, LXL+17, LW14, MPCAF15, PTT12, GQT+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17, UZ11, VGBLS+06, VPT+10, WLL16, XCGD10, XLZ+14, XWL+15, YCJZ18, ZS10, BDF+16, CAS+16, LWHC07, LvSW+04, LKA+19, WC06b, WFO+10, Zhi07, Zhu10].

Semantic-aware [BPC+14].

Semantic-based
**Semi-supervised** [ADBO18, AAF18, BDHK06, DBS14, TCCW19]. Sensitivity [ADC09].

**Semi**-structured [BCPS03]. SERAC3 [LLZ18a]. serial [RS04, SGFS01]. Series [Ano86i, Che14, GKIZ05, HHS08].

**Sensed** [Gor02]. sensed [Mat18, XAW10].

**Sensing** [AT18b, SST18, AMW99, AMPZ16, CDD+19, CCC19, DP19, DCC+14, FCD+14, GHEB+18, GZW18, LWH+18, LLGY18, LZY+16, MWW+15, MAD+16, MAPA19, WWCN13, WMY+18, XLZ18, YMW+18, KS11]. sensitive [CW13a, DK17, JOSD19, LCL14, QZD+18, QCX18, VSKS19, WYL+18]. sensitivities [MHZK18]. Sensitivity [PBHK01, LCH+18, PBT02, SWW+13].

**Sensor** [SYJ+19b, AS18b, FPPD14, RRS10, SMS16, TKA18b, YWJ+18, ASO14, APK+18, AIB+18, BLAN+16, CZY+18, CJ14, DJP18, FG18, FJJ+18, FP14, GRTV10, GBKJ18, GLXF17, GZL+18, HKA+18, HAAWH+18, HST+18, HDH+18, HZZ+18, IASK14, KWK+18, KS11, KLW+16, LC17, LBYL08, LLQS14, LCZR12, LZXG12, LWX13, Lok12, LHBC16, LZY+16, PC17, PPS+18, SJ14, SCY+18, SMS14b, SYCH18, THA+17, TSD18, TYWZ18, TCCW19, WCB+18, WLS+18, XKJ+18, YHL+19, ZWS+12, ZBL+14, ZZLH18, dFPFG19, RVST17]. **sensor-cloudlets** [Lok12]. **sensorized** [TCB+17]. sensors [BDE17, BSE+13, CFMC19, GRX19, HUMA18, KMU19, LRBW17, Mat18, SPD+19]. **sensory** [KLMB19]. sentence [MZP+19, Nit86]. **Sentiment** [MWQ+19, ZWWL18, GGMS18, MZP+19, ZZLZ18].

**sentiment-based** [GGMS18]. September [Ano84k]. seq2seq [WLZ19]. **Sequence** [LJ17a, BORM07, CS05, DMR93, DCS+07, KKVdB+17, NGB18, VR12, YD05]. sequence-based [NGB18]. sequences [Leo01, ML99, MP02, TKT+08]. Sequential [CKFJ06, CGL15, DPL14, FZT+18, JBA94, KMC18, LYMZ09, LBU10, MWYC12, TNY17, WHCZ18, YGY+19]. **SEQUIN** [BCPS03].

**ServBGP** [IGB+14]. **Server** [FNCR11, LYL15, BGR+99, CWD04, CGL08, CSWS14, Cho04, EDD+10, FHZW18, GW01, HAC92, HJCD05, KLW+18, TNY17, WHCZ18, YGY+19].

**ServCloud** [BBSC11]. **Serverless** [PMCC18, SWCP03]. servers [BR18, CLH10, DZZ+15, JOPW14, JZWL17, KAEC+18, LEO8, SMA08, WWC+97, ZWW+13]. **Service** [ANE13, AJY15b, BZS18, Cha14a, CBS17, FMM+17, HSBE19, JY15, KK19, KT17, LJ17b, LNLA19, LYY+17, MP17, MD12, PA01b, RT15, XDH12, ZFC17, ZFC18, BSRR18].

**Server-aided** [LYL15]. **Serverless** [PMCC18, SWCP03]. servers [BR18, CLH10, DZZ+15, JOPW14, JZWL17, KAEC+18, LEO8, SMA08, WWC+97, ZWW+13]. **Service** [ANE13, AJY15b, BZS18, Cha14a, CBS17, FMM+17, HSBE19, JY15, KK19, KT17, LJ17b, LNLA19, LYY+17, MP17, MD12, PA01b, RT15, XDH12, ZFC17, ZFC18, BSRR18].
CMZ +12, CPDJ13, CCT13, CMB17, CCIp18, CPE +17, CKF06, Cha14b, CSL17, CGST09, DCS +07, DLW07, DVDD12, Din03, DDR +07, DM12, EK11, EA18, EG18, FLR +16, FD12, FTP14, FWB13a, FWB13b, FA11b, GMMP18, GHY +18, GVURIVBV14, GJGB19, GA13, GJPA18, GPK05, GMEL08, GGA +17, HIA18a, HA16, HA18, HC17, HJS +99, HSH +07, Hua05, HLT +18, IGB +14, JGFB18, JSS +12, KZA +18, KSF +13, KTKN11, KK10a, KKB14, KPA17, KuRak +18, KSW +13, KKI6]. service [KIC12, KK14, KCCL18, LPMY18, LL03, LvSW +04, Li15, LLW +18a, LD17, LDJL19, LKA +08, LJW08, LWS +12, LLW +12b, LX13, LDS +18, LSL +18, LSMVL13, LS08, LLW +18b, LMM +09, MHH15, MCL +16, MHZ +17, MCH19, ML11, MLM16, MHZK18, MAD +16, MHA08, MRS +18a, MV09, NK15, OE13, Pa106, Pa13, PC18a, PKC04, PRS +13, PRSR14, PBA18, PTM +18, PTT12, QZD +18, RZ16, dRRR +18, RMMV +10, RB18, RMCG14, SVC +07, SGY +07, SBLW14, SPS17, SKS17, SRKS18, SDCC11, SMBMT +18, SBPT07, SMZ +16, SL +18, SLY +19, SAC11, THN +06, TDL17, TJWS10, TZZ +18, TGM +19b, TBNF09, TAKV12, UGBM +17, VCE +19, VDK12, VOS12, WWC +07, WLZ +16, WHS +17, WSH99, WZ13, XMSM15, XCGD10, XLW +17, XRPT18, XW[ZYF19, YKL +07, YCL +19, YW12, YVBC10, YKK13, YCZJ18, YLA18, ZZ09, ZGS +13, ZZL18, Zin18, vdPGZ +16, CLM +16, EMJ +13, GMCL08, GvBdL15, IDKD19, KLM03, KTM +08, LPD +13, RA12, SCH +17]. Service [YFP05]. Service-aware [MG18]. Service-based [OVK +09, GJAP18, HJS +99, LMM +09, TBNF09]. Service-Oriented [BZ18, SCL18, ABA18b, CPDJ13, CGST09, EAED18, EG18, GVURIVBV14, Hua05, HLT +18, LvSW +04, LX13, MHA08, MRS +18a, NK15, OE13, SAC11, TAKV12, GMEL08]. Services [AFP07, ABP18, AM17, BMFC07, CFP +19, DA18, HXA +17, LKA +19, PZY16, YAP16, ABMC18, APBdI17, ATFI11, AHP16, ARB12, AEM10, BKS +14, BBW08, BAY16, BZ19, Bel16, CSV +12, CICD07, CPD +15, Che13a, CAC +15, CGL15, CTT07, CLM00, DDMPG17, DX14, EAS +18, EYY19, EBCP18, FHYH15, FTD17, FFPS10, FLPP05, GPA00, GVB03, GvBdL15, GAYTC18, GAI +18, GH +03, HZC010, HML07, JRF +07, JC09, KADJ14, KHI18a, KK16, KFO0, LLM13, LJS17, LKJ +19, LG08, LPY +18, MCT +15, MFP05, MTV05, MVG +14, MS01, MC04, MAH09, MMPM09, MM18, MML018, NV11, NZL +15, ODK +17, OB17, OPP00, PVD +12, PK99, PH99, PLW +19, Pol98, Pol99, PZY17, PPSS06, PKI +18, PFS +13, PEG05, PBB +05, QCD16, QP08, RZ16, RBN13, RW18, RGVGSSZ14, RG04, SRZD15, SPMC10, SMPC12, SKK +16, SCN +14, SLJ +06, SZGb04]. services [SCG +18, TS08, TGM11, VAR14, VGBLGS +06, VMSRM12, VSP +14, VPT +10, WRCC17, WDKV19, WG13, WCC +09, WYH +17, WHYZ18, XB14, YML13, YA014, YCX05, YK017, ZCW11, ZCLW18, ZJW04, ZaTZ +17, dACNC16, AKMK05, ABS11, RVST17]. serving [CZM +18]. Session [ANO86h, LZYC13, KMC18, dSNB19, OVK +09]. set [Zha94, CSDCM +17, CGH04, DL04, HXWW18, NK18, OB19, RNJK09, Xia06, YLG +16]. set-splitting [CGH04]. set-union [HXWW18, OB19]. set-up [RNJK09, Xia06]. Sets [BRH18, ABMMC18, BCW01, CPE +17, DB99, ECPF17b, EA17, HAB +06, LGHG79, Sin07, WTG +14, XYZ05, YA014, ZLD +03, vdR87f]. setting [WM07]. settings [FFL +19]. setup [MD12]. severity [ATX13]. SFAAS [KCCL18]. SFC [LN18]. SFC-based [LN18]. SGrid [LvSW +04]. Sguerev [vdR87c]. SHA [LC17]. SHA-3 [LC17]. Shack [MAPA19]. shadows [CPMG19]. shape [DS04a, SCh08]. shape [BBL +05, LGK08]. share [NP06]. Shared
Sixth

[CCC19, QZM+18, WCL+17b, SO98].

Sinkhole [JL4]. sinks [FG18, PC17].
sinks-based [FG18]. site [SA14, TCN+16].
siteDriverID [SGGCR+16]. sites [CYJ19, GCV+14, KSK+11]. sitting [TMB+19]. Situated [BMS05, ZBF14].
Situation [Hal88, NSHP88, WBT+08].
situational [AL14, RR18]. situations [BKB18b, RGS18].
Sixth [Ano84e]. size [BVDFO0, HV92, JLL17, Tor04, Van92, YKK13]. sized [SCCS11]. sizing [GDR+14, SDL+15].
SKaMPI [Ren03b].
skeletons [BG05, KMZJ16]. skew [LZW+18]. skills [SR19]. sky [DGD+16].
SkyDrive [QC13]. skyline [LLM+16]. SLA [AB16, BS11, BCP03, CMZ+12, DMZ09, ENC+12, GEG14, HY09, JTB15, KKB14, MG14, MG16, MEBA12, NJH+18, SKB+16, SSL12, TMS+17, ZAC+18]. SLA-based [AB16, CMZ+12, KKB14].
SLA-constrained [HY09]. SLA-driven [GEG14]. Slack [HLL+17]. SLAs [GJF+12, HHS+18]. sleep [AKM18, BJM+17, CFMC19, KLP19, KCH+13]. Sliding [YL16, AQB15]. small
[LM07, PM14, Van02]. small-world [LM07, PM14]. Smart
[APRC16, AFSH+19, AT18b, BA17, BBNC18, CAB+18, CDH+19, DP17, DP19, HYC+18, HSS17, KPA17, LLZ+18a, LNL19, Mar90, MPT+18, PMS18, PC18b, RMSP17, RPA+18, SAGGB17, SDDG17, Sta17b, TF17, VPA+18, WLA17b, WLA18b, ZYW+18, AMN18, ABM18, ABC+18, AR18, AFSH+18, AT19a, AHdF97, Ale97, AC18, BBC+17, Bae14, BLO+18, BVG97, BWG19, CHS11, CLH+18, CBP18, CKLC06, CCC19, CZL+18b, DFRW17, DQ97, DDMPG17, DF97, EAD18, FG18, FTK17, FSM+18b, GHDF19, GA1+18, Ham19, HC17, HCHZ17, HMA+18a, HMA18b, JBC16, KLJS19, KAS+18, KSI14, LRG19, LNK+18, LKFB18, LSV+18, LWL+18b, MCN+18, MLC+18a, MK17, MVL+18a, Mat18, NAG18, NWMG17, NWL17, OCW14, Osm19, PC17, PPS+18, RGN+18, RGS18, SP18b, SAG19, TGM+19a, TOD17, TZL+18, TWZP18, TCB+17, UGMB+17, WDJC18, WHBC19, XYLZ18, XLL+18a, YJS18, YSHM19, ZXD18, ZL18b, ZSB18, ZXT18].
Smart [AR18, AL14, CGSV17, FAMA+17, GXL+12, GMLGB18, HSS17, KRN17, KAD14, LSL+15, TAS+18, UPP17]. Smart-city [AT18b].
Smart-Cities [Sta17b].
Smart-grid [AT18b]. smart-spaces [AT19a]. smarter [APB17, FRM+18].
smartification [BZ19]. smartphone [AB19b, HUMA18, VOCHC17, OMD+18].
smartphones [WWJ17, YYD+14].
SmartSantander [DDMPG17]. SMiLE [STTK03]. Smith [vdR87e]. smooth [ZY04]. Smoothing [DV13].
SMP [BSG+15, BTM10, CRE01, MTK00]. SMS [CZK15]. SMT [PAB+14]. SMT-based [PAB+14]. SN [RMDB18]. SN1000.
[CGSZ95]. snake [RDSA18]. SNIP [FMD99]. snoop [Yam92]. snoop-cached [Yam92]. snooping [DSS98]. Snort [SI18]. SNR [RNJ+]. SOA [BDP11b]. SOAs [KB09b]. SoC [QZM]. Social [AC16, AMPP19, BCJT13, DCF19, EGV18, JBM+18, KZA+18, LSAM13, NJ18, PLLP19, PMY18, RQN+19, SP18a, SRP19, WZWW18, ZCY18, ZG18, AUSA19, AKB+18, AQRH+18, AQAR+18, AT19a, ABG18, ACM+18, CWJ16, CGM+18, CHY+18, DFL017, DGS09, DYC+18, FPL+19, GJ18, GBY16, GTSAR+14, GWC+16, GGC18, GS+18, GMS18, HCC+14, HAM18, HYF18, JLQ+17, JXC+19, JWW14, JLD+19, KAS+18, LRL+14, LCW18, LZP+18, LW+19b, LLG+16, LRL+18, LLA17, LJJ+19, MML+18, MYH18, MNC+18, MVG18, MBL+19, MLW+18b, MSM+18b, MCG+15, NBA18, NZOC+19, NJ17, NLM+16, NO19, PBL+18, PPS18, PBA18, QG18, SOD18, SCZ+19, SA19, SB18, SKS+18, TL19, WWV17, WRCC17, WJL18, WDD18, WSN18, WMA18, WL18b, XCS+18, XW1Zy19, YMLT13, YZL+18, YXZG18b, YCXW18, YYW+17, YLY18, YLA18, YLY+19, ZLL17a, ZZZ+18, ZNC+18, ZCL+19, ZZZ+14, ZZZ18, ZSS+18, AMQS+19, GCCPGBGS10, HZW+18, HAT19]. Social [LJR19, LKS18, MWQ+19, RC18, RC19, SYJA19, SSW+19]. Social-aware [DCF19, JLQ+17]. social-based [JXC+19]. social-IoT [AT19a]. society [APRC16, Ano87, LS+14, Mar98b, Mar98a, Mar99b, PKF14, Zhu14, Zhu14]. Socio [ABD+19, KK18b]. Socio-cyber [ABD+19]. socio-inspired [KKS18]. SocioScope [NJ18]. Soft [EA17, Hab05, BSB16, DSO4a, GK+12]. Soft-computing [Hab05]. Software [AO06, BHH91, Cas94, DO15, GRCP+17, JAAD+16, KB18, KKvdB+17, Kow84, Kow85, Mal91, Mat89, NAGD18, Sch94, SK97, SMG18, TDS16, TD95, TSTD16, WRK+15, AAB+92, AMB03, Ano87b, Bea03, BBL+05, BHH92, BKL01, CMZ+12, CY12, CJK+18, CCCP19, CGSZ95, Cur92, De 98, GZLZ16, GV17, GJS+94, G1K18, GCK98, GXL+18, HA16, HA18, HZC+08, HL+97, Hum92, IMSV90, Jon00, KHG+18, Kol18, KK16, Lec12, LB18, LW07, LW+19b, LS06, LLS+14, LRC+18, MB01, PLL+18, PSL18, Pol87, QC+19, RA12, SF19, STTK03, SMS14a, SLZ95, Tak05, TBK06, VSD13, WHS+17, WZWC18, YLJ+17, ZGL19, ZLZ13, ZBCT17, ZZSZ18, ZMN99, dSK+19, BRH18, EMJ+13, IDK19, RGS18, RA12]. Software-as-a-Service [EMJ+13, RA12]. Software-Defined [SMG18, CJK+18, G1K18, GXL+18, QC+19, ZGL19, ZBTC17]. Software-Intensive [DO15]. soil [LN04, ST98]. soils [SDT18]. solar [SZC05, TTT+14, GCCPGBGS10]. solid [GNOY01, PLZX19, WKZ+03, MPCAF15]. solid-state [PLZX19]. solution [BS17, CGH04, DMM+18, G1Y+18, HCL+17, HXY13, IDK19, KA09, KNI+18, LZX16, MGV+18, PIP18a, RGM10, SJ13, SS03, TDS16, YLN15]. solutioning [MNY+19]. solutions [AR17, ACL+18, BCP18, Csdc1M+17, CCRL18, EGV18, KS18b, LKA+19, Od14, PAL+19, PMY18, PDH18, PWA+19, QC16, ZEO98, ZEO01, dCTVC18]. solvability [Ned06]. solve [De06, ED04, SSG17, ZZC18]. solver [BG05, ID98, MMV08, PH94, SGFS01, SCC04, vM94, Jon00]. solvers [BJNH05, BRMN04, BGC04, vM94, Jon00]. Solving [HPP94, KKS08, SG04, YPF05, vD89a, BJA+05, CSC+05, CMT16, CRM05, DHD09, EPJ+05, FFP01, NMC05, Pad92, PKC+05, Sch03, SMK05, WH05, ZS05b, ZAP05, tVH96]. Some [Luk89, MDD89, Pal16, DS99, DR03,
Some-Bus [Kaw12, Mac17, Zzs19]. Some [Sna94]. Sophia [Zna94]. Sort [Gk18, Mac17, Zzs19]. Sorting [Cg02, Cfk06, Kat04, Lqk16]. SOS [Ampp19]. Sound [DH16, Rjn19]. Sounds [Wlz14]. Source [Qc18, Tk18b, Bp01, Gbk18, Hzw18, Ktk17, Mqn19, Nb04, Pbt02, Pwa19, Psk10, Vochc17]. Source-Code [Bp01]. Sources [Ccj16, Zmp10]. South [Hpp18]. Sowa [Vdr87g]. Sp [Lzw18]. Sp-Partitioner [Lzw18]. Space [Wzl18, Al092, Borm07, Bw97, Dz04, Dfc08, Dl00, Dbd14, Fuc93, Gqlx18, Jhc10, Jl95, Lau92, Lgz18, Ms18, Nh02, Nh03, Sw05, Sck00, Shg08, Smm95, Tmv07, Vlc03, Yphz14, Zzz15, Zxy05, Llla93]. Space-Filling [Sw05]. Space-Sharing [Dfc08]. Space-Sharing [Dz04]. Spacing [Ag92]. Spaces [Dp17, At19a, Bms05, Br18, Lls14, Snc18, Sag19]. Spam [Ea16, Cyzk15, Cwz17, Sb18]. Spamine [Avp17]. Spammer [Mk19]. Spanish [Ssc16]. Spanning [Cfl18, Luk09]. Sparc [Ag92]. Spark [Glvc18, Lzw18, Sj18, Csg18, Hsv17, Tz18]. Sparse [Bjnh05, Bmz01, Flf19, Brc01, Isto4, Llsl18, Nht06, Skt08, Sgfs01, Sg04, Xjy18, Yyj18, Zwl16, Dsl98]. Sparse-Matrix-Vector [Brc01]. Sparsity [Yszw18, Hdo16, Yzwg18]. Spatial [Grl11, Ats14, Ban05, Cgn18, Cal18, Co090, Fx07, Gfd04, Mtd18, Nwd18, Nz15, Ssz17, Yxzg18, Ydt19, Zsz14, Dlfvps14]. Spatial-Temporal [Cal18, Nwd18, Yxzg18]. Spatio [Hyc04, Ssp17, MLW18a]. Spatio-Temporal [Hyc04, Ssp17, MLW18a]. Spec [Ab06b, Adalz14, Abm07, Ar07, Ac10, Ar10, Abms05, Am10, Bgl08, Bb13, Bn06, Bdf16, Blav06, Bb12, Buc05, Br10, Brhh18, Cma11, Crs10, Chk11, Cci11, Csyy18, Cfo09, Cgd10, Cpsrg14, Dlp06, Dfrw17, Dkd08, Ddm08, Dpds14, Dt08, Ddb14, Do15, Fa11a, Fm10a, Fm08, Grr09, Ga06, Gma07, Gms09, Gmp18, Hab05, Hyzs16, Hkpt10, Hkm16, Hjc07, Igl07, Jo11, Js12, Jy15, Jl08, Kt08, Kz14, Kim07b, Hkcf09, Lxls09, Lee12, Ls10, Nbl14, Mes02, Mok06, Nfk10, Om10, Ole07, Ph07, Px07, Rw13, Sgm11, Slt14, Sdbd16, Sbd09, Sper09, Sd07, Tcg14, Tr10, Tkra14, Tbdlv16, Vlk09, Wsb15, Xz11, Xlz18, Ygs16, Yjhz14, Zbb09, Zsh12, Zhu07, Zhu10, Zap05, Adlw12, Arb12, Crw16, Gvtd18, Kj12, Pcc18b]. Specific [Jc15, Bfk02, Dr05, Kza18, Kans18, Pnh99, Scz19, Wbf08]. Specifically [Rlrc13]. Specification [Pro07, Atzm02, Ggw09, Mcf11, Zz09]. Specification-Correct [Pro07]. Specifications [Atdc16, Abk94, Bdfp05]. Specimens [Fgcm07]. Spectra [Cgm17]. Spectral [Bvdh01, Rjn19, Dnw19, Gheb18, Ljj18, Mail94, Mlz10, Rcm17]. Spectroscopy [Gph94]. Spectrum [Dsvc19, Ls18, Gph94, Jss12]. Speculative [Lal14]. Speech [Xxy18]. Speed [Czm18, Hgm15, Sf19, Ab03, Djj18, Hdb18, Hg92, Hab16, Jh16, Kas85, Lc01, Lsh11, Lys12, Mwl18a, Mfp05, Mapa19, Rap18, Srg03, Tywz18, Vsbn19, Dsvc19]. Speedup [Dsvc19]. Sphere [Svdd94]. Spherical [Tab06]. Sponder [Fsp02]. Spill [Fcd14]. Spills [Mss02]. Spin [Coo09]. Spineware [Bvdv99]. Spiral [Hhs98]. Spine [Ego04]. Split [Mk19, Pnh99, Myk16]. Split-Layer [Myk16]. Splitting [Cgh04, Cie04].
SPMD [MMRL17], sponsored [NSF87],
sport [KMU19], spot
[CLRRL18, DR18, JTB13, LXJD18],
spot-checking [LXJD18], SPP [SSMG95],
SPP-1000 [SSMG95], spread [WJLW18],
spreading [DYC+18, SSZ+17],

spreadsheets [Asu13], SQL
[CKFJ06, LZZ+16, LSM19, SW17], square
[TM05], square-root [TM05], squares
[vdV89a], SSDs [LQK+16], SSE [Lin18],
SSL [DC17], SSL/TLS [DC17], SSO
[MLM16, YPJ19], SSOR [BTM10], St
[vdR87i], Stability [CP06], stabilization
[CCT13], Stable
[CHHW91, FTK+14, ZF16], stack [PDK10],
stacked [LZZ+18, RSY+18], Stackelberg
[LN13], Stag [ZZ+18], stage [QZD+18],
stages [AAJ17, KN10, UZ11], staging
[MTN08], stakes [CND+19], stalemate
[Chv87], stalking [EA13], standard
[RNR18, ZMN99], standardization
[Kob92], standardized
[BAB13, MEBA12, WBKL16], standards
[ACWJ19, MLD08, RS94, SDK19], star
[KSAOK08, LPcC12], star-topology
[LpC12], StarCAVE [DDS+09],
StarPlane [GMM+09], STARS [vV85],
start [BKY18, KMT14, TJZ+15], State
[CsZzG+13, CN98, GBY16, SV+15, WW13, dCTVC18, ANG+19, BDHK06, GHLLW18, LCC19, LTB12, LSL+15, M+17, PLZX19, Van87b], State-based [WW13, M+17],
State-of-the-art [dCTVC18], statement
[Leo01], statements [Leo98], states
[REM04, Tu104, WJZ84], Static
[ABG17, BB16, HPL109, GL05, OS06, SDTA19, SMS14b], station [XTL+19],
stationary [CZT+18], GHEB+18],
Statistical [LCGPC19, MSA+19, ZMZ+19, Ald89, BMP+16, HMF19, HPS97, KHWZ18, MCA02, RS16, SCH+17, ZZ90], statistics
[Pan95a, WSN18, vdR87k], Status
[CBBC+17, MK88, Abe92, FK99, Fur92, Kaw92, KARP14, Miz89a, Nag86b], STEER
[LWHC07], steered [PHM+99], Steering
[LBV+10, WCKW10, LPS05, LBB+09, MDO+15, MvLvW98, MvWvL99, RMCN+10, VMvW97], steganography
[MSM+18b], Stellar [LM90b], stem
[BPP+07], stencil [GMB19, YDT19], stent
[ZMZ+19], stented [HORC04], step
[CP06, KRZ12, KPS95, YXA+18, JLQZ18],
stigmergy [DBT00], still [BKY18],
stimulating [JFD+09], stimulation
[NDZ+18a, NDZ+18b, NDZ+19], Stochastic
[SDI+15, BBK18a, CLRL17, CkRO4, Gue01, HWS07, Li15, LWZ18, SMS14b, TLL+11, BP02], stock [Che14, JHC18, Lin18, Yam89],
Stokes [ID98, vM94], Storage
[SRN+18, ADM06, AR15, AKCY+17, AGA16, ADDV16, BSRR18, Bha18, BBB+19, CW16, Che13b, CBT+19, CDL18, DLR+09, DLZ+14, DLLZ17, DKL+13, DLH+17, ED16, ED19, FHH3, GTSAR+14, GGSS09, GG10, GLBJ+18, HSM13, HD016, HNKO18, JSC+15, JCL+15, KKK97, LZZ+17, LSH+11, LFH+15, MMP13, MYW+19, MPC+18, MAA+19, MM18, NJW+06, NQ07, OB04, PW1X17, RP18, RTS+16, RAA+18, SJ1N+17, SY+17, STC15, SSSK13, SMS13, SCH+19, TSWL17, WCF+15, WZH+18, WLA17a, WLA17b, WHW17, WBT+08, WLML17, XFL16, XLL+14, XWW15, XWM18, YCAS03, YZW14, YNY+14, YNZ+15, ZFW14, ZWL+16, ZJWZ04, ZW10, CHHW91], store
[WHZ19, YFF+13], stories [VPA+18],
Storing [LLC11, LZZ+17, SW17],

STORK [TOS+18], storm
[WSQ+18, FPR18], story [ACM+18, LJ19],
Strategic [vdR87d, BM08, ECPF17a],
Strategies [MGV+18, PR95, ASD12, CPGdS+13, DFC+08, GJS+94, HJC14, LPB04, LB09, LSVvML13, MM03, RG+10, VGC+13, dOO+13], Strategy
[ZZLR18, ABMES18, Car86, CWJ+18, CS12, DMZ09, FN00, GGGB19, GS16b, HCL07, HWZL08, HPLL09, KKL06, LVH08, LWHC07]
LYMZ09, LFL†17, LS01, NQQL13, Qin07, RM97, SSL12, SK05, SYL18, WZZ16, WCM†19, WS10, WW13, XWL†18, XWjZyF19, YLWW18, YYLC10, YMY†17, YK17. Stream [CLNR18, dRADFG18, ACC†16, BVFGWA15, EMHE18, FPR18, GS95, GRX19, HRVW18, LOR†18, LSDK11, LM90a, SSL13, WPGN†18, WHMO13, YL16, ZSBB19]. streaming [BDNP13, DHW†17, FMR05, kHsZhJW18, KWK16, KSK†11, LZW†18, MBC†11, MYK16, RGGH18, SST†06, SKF†09, SKF†11, SLDK03, TCN†16, WD16, Wei11, YMD†13, ZCK†15]. Streamlining [WBKL16]. streams [CFM17, DGD†16, FSV†19, GACM17, LCCM18, MPP13, MTD18, PvsS17, RBLvM14, TSRG17, TCBPR16, WSN18, YARH18, ZSP17]. Structuring [BNFZ08, BL92, KN06, RGCCL18, SB18, SB11, TC06, WX02, WHL16, WRC17, WM07, XLL†19, ZM97, ZDL†13, ZN12, ZXL14, dOOO†13, vVDDBB98]. Studying [FAMA†17, SH99]. Style [BCL88, Bal91a]. styles [MS01]. sub [YPCK12]. sub-directional [YPCK12]. Subevents [NO19]. Subgraphs [WLB00]. Subject [Ano92h, Ano92i, Ano93i, Ano94g, Ano95h, Ano98c, Ano01d, Ano02c, Ano03i, Ano04b, Ano05f]. subjective [LLJ†11, XJJ†18]. subjects [Wei11]. subroutines [DT94]. Subscribe [BGP†17, AMPZ16, EBCP18, MWQ†14, OKF10, XWJ†16]. subset [OP95]. subset-equational [OP95]. subsets [QC18]. subsetting [PPZ12]. }SubSift [FPS†13], subspace [CHJ†04, Dat03]. subspaces [HV03]. Substation [ONHT89], substitutable [SVB07]. subsystem [CPDS18, WTC†02]. subtalar [Bo19]. subtraction [DGA18]. Success [vdR93a]. successive [ZWS†12]. sufferers [NDZ†18a, NDZ†18b, NDZ†19]. sufficient [XWL†18], suggest [MVSO]. Suitability [KKP00]. suite [BBBD01, Reu03a, SPMC10, SCK†00]. summarisation [BCR†12]. Summarization [CZ14]. summary [DR89]. SunwayMR [WHYZ17]. SUNY [Lit03]. Super [GHO†11, JP18, Kas85, MTV05, MCT†09]. super-peer [MTV05, MCT†09]. Super-resolution [JP18]. super-speed [Kas85]. Supercomputer [KMN†05, KGLA85, LM90b, SS90]. Supercomputers [Fer84, DFSZ88, DHD89, LM90b, Per86]. Supercomputing [Ros89, AS99, Han03, LPC†95, Mun04, WTC†02, WAD†89]. SuperFine [NS17b]. SuperJANET
[Coo94]. supernode
[PR95, CGSZ95, AAB+92]. superscalar
[BFR05, Goo01, RMCN+10]. superscheduling [MJRM16]. supertree
[NS17b]. Supervised
[hKBB11, HLL12, WYW+17]. supervisor
[DMR93]. supplier [ABMMC18]. supply
[ABMM18, AB19a, ABGMC19, JLIQ18, LBJ+18, PYH17]. supply-demand
[PYH17]. Support
[BCM+95, CLY14, DDO+92, DJPM18, Gra92, ADBM19, BBWB+18, BK97, BRB19, BKB18b, BMP+16, CAS+16, CFMC19, Che13a, CY88, DMR93, DSH+99, EP12, FK11, GGTRRC16, GS95, GHLW18, GKT15, HHL11, Ham17, HAA+16, Hum92, JNS+19, KFBKD14, LGH97, LZ10, LPK17, LGW07, LLW+19b, LDY+18, MDB+18b, NHG02, NHG03, ONHT89, OVK+09, PM04, Pal06, Pal09, Per86, PWB+13, SB97, SGP+09, SCEE18, VR05, VDK12, WLF+09, YA1G+15, YCX05, ZZMS18, dIFVPSHL+14, dILLA93, LPK18]. Supported
[DPDS14, JO11, HB08, KSM+07a, KSM+07b, LNJ04, ZAI+18]. Supporting
[BMS05, EBM98, Fra08, GJF+12, JHC10, Lok12, LXZ+18, LHCC18, ADT03, CES+19, CMP+17, DMPP16, HZL18a, KT08, LG08, Pag99, SZP00, SB11, SA+10, SHLB08, YD18, ZBF14].
SUPRENUM [SS90]. Surface [Alb04, CFG93, GL95, IEG04, NUPA19, RBS93]. surfaces [DY04, ZY04]. surgery [SGL99]. Surgical [EKB00, WSSM98]. surrounding [SLTK19]. Surveillance
[MPT+18, AMBB18, HST+18, HZZ+18, RRH+16, TWZP18]. Survey
[GBB18, JAAD+16, AMJ16, ABP18, ASD12, Ano84a, Ano87m, AMS19, BMK+14a, BdDPP16, BRNR15, BBI13, FSV+19, FS93, FLR13, GXL+12, HQH16, HAP11, HMZ18, HDB18, Ig04a, IAM+18, KKKM13, KAW12, LY19, MDO+15, MvWvL99, RLM18, TVB18, WGM15, ZZF18, ZAI+18].

surveying [YWZ+18]. surveys [DGD+16]. Suspending [ALM+10]. sustainability
[AK18b, KPB18, LIC18, SA19]. Sustainable
[KHG+18, HYC+18]. sustaining [BFN18].
SVD [CHY+18, PP06]. SVM [RW18].
SVM-based [RW18]. SVMs [FZHH14].
SVR [JP18]. SVSC [HYC+18]. SWAN
[PTM+18]. swap [CSJ+17]. SwapBench
[ZLL+17b]. swapping [ZLL+17b]. Swarm
[XRPT18, GHEB+18, JNR12, LH10, LSV+18, MCA02, OB19, SJJ+18, WCL+17b, ZSMS18, HAT19].
SARM-based [HAT19]. Swedish
[HY03]. sweep [SIL+13, SVN10b]. sweeps
[SBA+05]. SWI [CAS+16]. swift
[WCF+15, PLCGS11, GMC+11]. SWIG
[Bea03]. switch [STC15, ZGL19]. Switched
[CGD10, CLC06, CGJ+10, KKL10]. switches [LKTC14]. switching
[CJHH13, CFVP03, HAP15, MGYC06, MSM+18a, SKF+09]. switching-frequency
[CJHH13]. Sybil
[AQRH+18, AQRH+18, JNHL18].
Sybil-precaution [AQRH+18]. Symbiosis
[CSP98]. Symbiotic [ANA16, EA17].
Symbolic
[Fah98, GI07, CsZzG+13, FB93, Ref87]. Symbolic/numeric [GI07]. Symmetric
[LL18, AKH+04, DLZ16, FH13, GmdFPLC17, TC06]. symmetrical
[RS17b, USK16]. SYMPATIX [CEJK94].
symplectic [IS03, MR03a, MR04b].
sympy [BS19]. symptom [YZL+18]. symptom-matching [YZL+18].
synchronisation [PDDS10].
synchronization [ANG+19, AC92, BB06, CZT+15, EV96, GI07, GE90, HXY13, MM18, MMLQ18, Pan95b].
synchronization-based [ANG+19].
synchronized [LKK+16]. Synchronous
[Dui89, GL05, dRRdQGR+18, AT01, GGLD10, MD92b, OPT+17]. syndrome
[Bo19, KA88]. synergetic [XF16].
synergistic
[AMB03, KSS11]. syntonic
[DGD+16]. SyNRAC [YA07]. syntactic [GMMM18]. syntactical [KL02]. synthesis [GPA96, RS17b, SK18, Yos89]. synthesists [SOA17]. synthetic [JLMR00, PFMC04].

Sys [MR04b]. Syst
[AB19a, BFS+17a, Cha14b, HYS18, KSM+07a, NDZ+18, NDZ+19]. System
[AMPPE19, BZS18, CCM+14, CCKW88, DLIW86, GCD+18, HRSW99, KV17, LSD+17, LRZ+18, LSS94, MPI+18, ML17, OSH96, RT16, RMA+18, SVN+10a, SS17, ZYA+18, AD18, ABZK15, ACC+05a, ABC+18, ABD+19, ANN+18, AKCY+17, AQAR+18, AASI17, AHM+18, AHMS18, AIB+18, AGJN00, AS18b, AFPG91, AFP+92, ABH18, BDE17, BG12, BBFW03, BL98, BT93, BPC+14, BG05, BLRS98, BPAP92, BDNP92, CM01, CST91, CTT+08a, CGT07, CCT13, CM17, CWSW14, CYY+15, CLH+18, CZH+18, CW13b, CSL18, CAS+18, CGST09, CRC+19, CSC+92, DLW07, DG09, DV15, DBA98, DP19, DCF19, Din03, DIK+06, ESFD06, ED04, FPX+09, FK11, FMV14, FAMA+17, FPR18, FNA11, FW02, GLM+12, GCCC+07, GYBG17, GS95, GHWZ94, GML+13, GPA96, GCCL18, GDGM+18, Gos00, GJKP18, GG01, GE90, HWS07, Han89, HUMA18, HPP94, HKMN+06].
system [HDA+19, HIA+18b, HZM14, IMKB98, JBC16, JAAD+16, JX+19, JSC+15, JSZ+19, JOSD19, KKB18, Kea93, KFF89, KIAD17, KKL09a, KRL01, KSI7a, Kom89a, KLJS19, KKL11, KVHT10, KLVT+18, LCH+11, Laut92, LL04b, LRL+14, LBJ+18, LD17, LL03, LCO5, LZXW13, LLC+16, LNN+18, LSZ+18, LWSC07, LJY12, LSDH95, LLW+12b, LDY+18,LLL+18, LF95b, LYY+16, Mac89, MVL+18a, MKK13, MD92b, Mat18, MTD18, MP+16, MS01, MAY18, MOFGP18, MGLV04, Mur86, MQN19, NWE04, NDA+19, Nis93, OFO+99, Ohy89, ONHT89, Ôst92, PHL98, PdASM18, PK99, PH99, PCG+06, PBA18, Pit96, PKSC02, RBGA18, RHH+16, RRP+14, RB12, RGS18, Reh06, RWV+13, RSR01, RG04, SKT+08, SPK+07, SZP00, SSG17, SI18, SPSP17, SCL14, SZD+17, SWW+18, SM18, SB16, SLW01, SYCH18, Suz89, Tak89a, Tak89b, Tak05, TTC+14, TSK03, TNY17, TMM+13, TCCC11, TDL05, Uch86].
system [Ueh89, UPP17, USK16, UDVdW+18, VSP+14, VPT+10, WCF+15, WMX+17, WZC19, WLP18, XCS+18, XKBA18, XKJ+18, XWL+15, XIY+18, Yam89, Yam92, YMW+18, YCY10, YWL+17, YZL+18, YJS16, YWZ+18, YCAS03, YS16, YZ12, YZW14, YWA+89, ZWL13, ZFW14, ZSX+15, ZGL+18, ZWZ18, ZZXL18, ZCQ+16, ZWX+19, ZW10, Zhu18, ZAI+18, Zin18, ZXL14, dLLA93, APRC16, Ama86, BBB+11, BBV92, Bre89, GCCPGBGS10, Gut00, SH00, Snn89, WXLY15, ZPPE17, dRSBH94, vdR93b].
System-level [SVN+10a]. System/6000 [BBV92]. Systematic
[Kac00, KT17, Hol93, MCWP16, SAC11, WZH+19, WLHH18]. systemic [ABF+15b].
Systems [AWYJ16, ADALZ14, CCL18, DVV90, DPD14, DSQ97, EVGT18, MOK06, NHG03, PW09, PIP18b, SHS+19, SdR99, SAPA17, Ste93, SHTG07, TCG14, Van87a, VLAC+13, Wri19, YGS16, YZ18, ZZLR18, ABA06a, ACML05, ABMM18, AMH02, AMH04, Ais88, ASAB+18, AHdJF97, AB18a, AKN01, ACU95, ATdC+16, ABF+15b, ADT+05, AN04j, Ano86j, Ano87m, AR10, AB17, AB18c, AM10, ADLM18, ADBO18, AH11, BM15, BK16, BBWB+18, BWJZ08, BCDY05, BFP18, BJS05, BPS06, BDN13, BDWM17, BMZ01, BBMG10, Bis94, BKK02, BDL06, BBR+19, BRNR15, BR10, CGdS+13, CMEA+19, CDF+05, CSdCM+17, CDL+16, CFGC03, CTR+17, Cas94, CCL19, CML+14a, CCJ16, CXL+17, CSJ+17, CY88, CBT+19, CLP+14, Cho04, CSC18, CCCP19, Coo86, CR14, Dal03,
DZ04, DPKd, DZ14, DVP06, DAD08, DFRW17, DFT92, DVL13, DLDTGMP16.
systems [DRVMC09, DSYI16, DW87, DD66, DCMW17, EAED18, EG18, EO86, EMHE18, EECF17b, Fe96, FDRP17, FM10a, FMR05, GHD19, GS05, GHWZ94, GDJ13, GJ15, GA13, Gil85a, GEAR13, GA96, GIW99, GM11, G14, HF98, HAF+16, HNK018, Hen87, HRW18, HCB16, HW95, Hi89, HP94, HZP+14, Ho93, HPP+18, HXLM13, How91, HCL07, HK18, HX90, HDW13, HLL+17, HM98, HLT+18, HLNM11, HJK+04, Ig07, IPG+18, JSL+06, JLCC12, JL08, JZWL17, JY+18, Joh92, JC09, JM01, KHWZ18, KK00, Kags9, KANS18, KBVH14, Kha12, KB18, KHL+04, Kim07a, hKcF90, Kim14, KCS14, KAR14, KHS9, KB16, KFBK14, KK97, Kun94, LB16, LR06, LXS09, LKN+13, LRY17, LLF+18b, LWK+18, LC01, LCL14, LFH+15, LLGY18, LSAM13, Lok12, Lop03, LKJ17, LC03, LXZ+18, LM12, LZY+16, LSS94, LHCC18, MWQ+14, MBM18, Mar86, MB01, MGV+18]. systems [MM10, MKH06, Mat89, MPRV92, MPQ03, Mtu05, MFL18, Mz89a, MMR02, MRN19, Mu92, MMPF19, MGA+19, NPH19, NKB9, NFK10, NK15, NSSA+14, NQQL13, Nic86, OFD17, OKF10, OP10, OA17, OCCK14, Pa01, PPL+18, PdAS18, PMK18, PY00, Pm93, Par04, PKF14, PARMD14, Par87, PPMX17, PX07, PNZ14, PQQB17, PB05, PB18, PVBH05, PH94, PHY17, PSBB15, Pud87, PQ08, RBA17, RD14, RDLM06, RV16b, V16a, RG04, SH99, Sar02, SSKF95, SG04, SB97, Ser98, SI18, SMS14a, SBLW14, ZK16, SH90, SOIS12, SRU15, Slo96, SMM+14, SS03, SMS13, Ste85, SCH+19, SVN10b, SM96, TCR+15, Tho06, TSE+18, TH12, TEP+07, TCH19, Tur18, URKM19, VF18, VR05, Var03, Vau93, VS04, VGBLS+06, VR00, Vn09, VDK12, Vin16, VMN+18, VM93, VS95, Wb94, WX02, WHZL10].
systems [WLZ+16, WHS+17, WZWC18, WRBG94, WBT05, WYN+90, WPJ16, WZS+18, WLS+18, WZML18, WB90, XZ18, YL+17, YP12, YL12, YMD+13, ZS05a, ZAB15, Zem86, ZCT+04, ZM16, ZA13, ZME+15, ZYB+18, ZBB09, ZLG+14, ZWJ04, ZYT15, ZLL+17b, dSFP+17, dB90, vdR86a, vdR87c, vdR87d, vdR87f, vdR87l, vdR87, vdR93a, Gra92, HYZS16, HLY+16, KIS9, LW+16, Slo06a, Slo06b, TKRA14].

Systolic

Szpukowicz [Tel86, vdR87i].

tagging [WMA18]. tags [LEW91]. tailor [GVD+03]. tailorable [Bvd99].
tailored [RLRC13].

Tailoring [GNVST14]. Taming [JTM+19b].

targeted [NNC+19].

targeting [PNH99, SB016]. Task [AMS19, AEM10, BTM06, MVC+13, PCBD09, SL11, ANA16, AD018, AMR18, BFLL99, BKS+18, CLRL17, CA13, CLC11, CsDS15, CXL+17, CWJ+18b, DLW07, DKV14, EMM12, FGW+19, FDP17, HPLL09, IDM+16, JLD+19, JM01, JEB18, KOT18, KA19, LSTV07, LCMX16, LPL+16, MVRM08, MGMT18, Nag16, NPP12, PLL18, PB18, QZM+18, RS17a, SV16, SBHD0, SDTA19, TLP+17, TVB18, WKC16, WLS+17, XA06, XUG+10, ZMT16, ZSI08, ZC15+15, ZGL+18, vKvVD+13].
task-based [JEB18]. task-efficient

[QZM+18]. task-farm [BFLL99]. task-level

[PLLA18, ZC15+15]. task-parallel

[SBHD08]. Tasks
[DFC+08, APAZ17, AEGF+01, BDS+10, CFGM16, CA15b, CLR18, GVA+16, GGS13, LHLO9, IYMDZ09, LGY+16, Li18, LG16b, MLBS11, MRN19, Nag16, Nos98, PBA19, Reo06, SHP+16, SC19, Ser98, TLL+11, WH16, WL05, Wu16, ZCL+14]. Taverna [ABG17]. Taxonomies [SV15]. Taxonomy [ALK15, DZH18, SYK+17, ATS14, BMK+14a, DC18b, DJ13, LCC19, LLW18, TVB18, YHA+19, ZS05a]. TCP/IP [LLW+19a]. TC2 [BT93]. TCARS [RMA+18]. TCKPT [KKJ10]. TCP [AbdL+03, AbdL05, KHJ10, WWD+14].

TCP/IP [KHJ10]. teaching [FGBG03, SYT09]. team [UZ11]. teams [DBS14]. Technical [vdR86b, CD07, GHW94, UNM+16, Yam89]. technique [AKM18, DC17, DD05, GSC11, HRJ+06, HMP04, KKH04, KAS19, PC99, RZDM01, SMRM13, SKS+18, SLA+16, VS90, VM93, WCC14, WTS14, YSL19, dFPFG19, de 94]. Techniques [Gra15, WRK+15, ZY+18, AD18, Aba06b, ACML05, AAN+18, AMI16, ATT96, AB95, AMS95, ADK+09, CGN18, CY01, CTM006, Fah08, Gra92, Hab05, HSC15, JYY+17, KZC04, MGV18, Mic07, NWE04, PB05, PdLS+99, SC19, SMS16, SV15, SKS17, SK12, TSBH11, VOCHC17, WKK+03, WM+17, WB11, ZAP10, TCH96].

Technische [Bum03]. Technological [dFFPG14, Aig86]. Technologies [BDF+16, DPD14, DMS97, Sim86, ZPPE17, AZH18, ABP18, BGV97, CPSR14, CFRW17, Dub91, FM08, FR08, GVB17, GMB+05, HSB+18, HJC10, HSS17, IJCR19, KPS18, KSB17, LLLM13, Mal01, Mal02, Mal05, MAG+19, Nag86a, PKC+05, RVC16b, RVC16a, Skl14, SJTG07, TMV+07, WCKW10, HML15]. Technology [BBD+99, Chk11, ZLZ18, Abe92, AB19f, Ano84a, ACP19, BLAV06, Car86, Dek86, DvdHdL06, DD07, GMA07, Ham19, HCZ17, How91, Kaw92, KM01, KA88, LBJ+18, LKM91, NTN86, NLM+16, Poh87, Ser95, WZH+18, WAD+89, VDBB98, vdR86b, vDPCZ+16, ABM05]. TEE [DJZ+15]. tele [RMM+98]. tele-immersive [RMM+98]. telear [LWK+18]. telecollaboration [AKB18]. Telecom [BT93]. telecommunication [WWZ18]. telecommunications [Car86, Mm04].


temporary [LZL+17]. tenacity [LZL]. tenancy [BPC+14, TCBR16]. tenant [EMJ+13, MDD15, PMLV+13, RB18, SWW+18, ZGB+17]. tenant-based [EMJ+13]. Tensor [CSV+12, DJPM18, EBOY14, SAG19, WHCZ18]. tensor-based [EBOY14]. Terabit [HRJ+06]. Terafloows [GGH+05]. TeraGrid [DIK+06]. Terascale [WSB+15, ZLD+03]. Terascope [ZLD+03]. TeraStream [MWC+03].

Teravision [SLDK03]. term [DLS+12, ECPP17, HKG+16, KLJ19, ML15, PBL+18]. terminals [Kam85]. terms [KMK+14, NB04]. terrain [OPON13, PFC804]. Test [BP94, SAPA17, CszZG+13, Cho04, GODM98, GMM18, KKL09a, MSA+19].
Mal94, RRS99, RS94, WZCH17. test-bed [RRS99]. testbed [KSW+13, MLC+11, MMFM+05, SAMN02, ZWDP18, ABB+05]. Testing [GAYTC18, MFT+17, SZ12]. tests [CDF+05, PR95].
text [ASY+18, BD18, FMV14, Kho05, KP18, NS19, SL+09, WLLF16, XZ16, ZWWL18, ZZLZ18].
textile [WPS+18], texts [ZNC+18].
textual [CFM17]. texture [ZZN04].
thrashers [KO11]. their [Ano86i, Car03, CMZ95, DRS04, Iglo7, JBP+18, PR05, PIKMO2, PFS+13, SS13, VPA+18, XYLZ18].
Thematic [Kna99]. theorem [Sti93, UM02, WC06a]. theorem-proving [Sti93].
thecoric [DPL14, FJL+16, GBJK18, Hua10, JLRQ+17, JCLCC12, KK14, Li90, TLSC17, WWR16].
Theoretical [CSL18, BORM07, BR04, GDRS04, LY19, ZZ15]. theories [WRBG94].
Theory [ASW11, CDFZ16, FEP18, YLWW18, AS18, AY16, CPE+17, DL03, Fer13, Ger02, IS18, JK92, LKCS18, MH01, MKK03, NSHP88, PBT02, PMFC13, SH90, SBK18, WQZ19, XL19, YMY+17, ZGZ+11, ZS10].
Theory-based [GZ18, LKCS18, YMY+17]. therapy [CDFZ16, LKCS18, ZGZ+11, ZS10].
therm [Ned+06]. thermo [Ned+06]. thermo-visco-plastic [Ned+06]. thin [DS+11, KuR9+18].
Things [AT18a, GBMP13, KK19, LSD+17, BRB19, CMP+17, KCM19, LLMP13, NWT19, ABMM18, AKP+18, ACW19, AR18, AGR19, AMQS+19, AT19b, AVPV17, ASAA18, AMPZ16, BA17, BJZ19, BRH18, BGS+19, BDDP16, BWG19, CCR18, CBT+19, CBPP18, CDFW18, CMZ+18, CDH+19, DPK+19, DZHS18, DP19, DC18a, ESW+17, EAS+18, FG18, FJJ+18, FTK17, FRM+18, FMR18, FPL+19, GTEL+18, GQXL18, GMLGB+17, GBB18, GHYY18, GCK18, GZW18, HDKC18, HKA+18, Ham19, HZL18a, HAT19, HHK+16, HPP+18, HIA+18b, HNQ+18, IXL+18, HSS17, IJCR19, JKAU19, JYY+17, KWK+18, KOT18, Kim18, KLH+18, LKJ+19, LHO17, LYC18, LDS+18, LRWB17, MWQ+19, MK17, MVL+18a, MGL+18, MLGGB+17, MNC+18, MGN+16, MPLM18, NJH+18, NWT19, OFD17, PC18a, PTD+18, PLGMcD18, PPMM+18, PC18b, QZM+18, RGN+18, RMSPP17, RACA18, RHPV17, RC19, RMDB18, SAGGB17, SYJ+19a, SHS+19, SIT18, SWY+18, SYJA19].
Things [SDDG17, SSW+19, SCZ+14, SCG+18, TLSC17, URM19, WWX+17, WZW+19, W18, WLZ+19, YLYV15, YWZ+18, YCT15, YHA+19, YN18, YAP16, ZPPE17, ZYA+18, dFBP+17, HZW+18, LKCS18, RC18, ZAI+18]. Things-based [HIA+18b, KOT18, SYJ+19a]. thinking [NLM+16].
third [CLR00, DSS+09, ED19, Pol98, SGM11, Sin84, Bis96, CF09].
third-generation [DDS+09].
thoracolumbar [RBGA18]. though [KMC18]. thoughts [KAW12, Mid01].
Thread [FD95, CMS+18, GS15, PAB+14].
threaded [MAC14, MCA+18, PWWD18].
threads [LAL+14]. Threat [CSYY18, AJ19, ALL+18, GHP+18, HDKC18, HDA+19, KAW12, WZH+18].
threatening [AFO+18]. threats [AHS+18, GGDM+18, RR18, RLM18, XWRZ19].
Three [ABMMC18, EHT10, WZW18, Wes99, FHG95b, LSD+17, LNK+18, LWT18, Pal01, PPH+09, XSM04, ZFY18, ZZZ17].
Three-dimensional [Wes99, FHG95b, Pal01, XSM04, ZZZ17].
three-factor [LNK+18]. three-layer [ZFY18].
three-level [WZW18].
three-tier [LSD+17]. Three-way [ABMMC18].
threshold [CYH04, HMW14, TYH04, XJX+14].
threshold-based [HMW14]. Throughput [TSD18, CQT07, CGL08, HAF+16].
PMMAM13, SCY+18, TCN+16, YKK13, ZSX+15, ZBCT17. thru [SYW17].
Thwarting [VS13]. Tibet [NMZC06].
Tibidabo [RRP+14]. ticket [XZZ+18]. tier
[GR+14, HGG+14, IDJ11, KLS11, LSD+17, LP+13, SA07, SRN+18, TLYT05].
tier-aware [SRN+18]. tiers [LJ07]. tightly
[BC15, Ku94]. TILE64 [LC14]. tiled
[KWK16, PDK+10, YDK11, KID+16]. tiling
[YDT19, vWMBS14]. Tim
MZP18, MRN19, MCG
Dua94, EET18, GKIIZ05, GVURIVBV14,
TJZ
SSL12, Sin92, SK12, SW02, Suz89, TZST14,
[GD+18, NRV]
[DFG]
Time-aware
CCLS09, Che14, CRRC18, CBK
[CDH]
[GWG]
[AVB14, VWB14]. Time
MPCAF15, MKT09, MGA+18, MFT+17,
MOFGP18, MRN19, MCG+15, NF13, NJ17,
Na19, OKF10, OPT+17, Pa09, PKF14,
PTD+18, PGTCB18, P699, PN09, RPA+18,
SHP+16, SS04, SD02, SST+06, SKF+09,
SSL12, Sin92, SK12, SW02, Suz89, TZST14,
TJZ+15, TF17, TSC17, TQL+19, TCCW19,
VLK09, Van93, VSBN19, WLZ+14].
time
[WQG15, WTM+17, WSH+16, Wu16, XYZ05, XLL18b, YNSM12, YCL+19,
ZMTT16, ZSI08, ZCK+15, ZFC17, ZFC18,
ZSP17, Zin18, WPJ16].
Time- [RMA+18].
Time-aware [DFG+19]. Time-based
[JCMPDC+18]. time-constrained [SSL12].
time-constraints [LPL+16].
time-dependent [Dua94]. time-efficient
[XLL18b]. time-invariant [GMDFPLC17].
time-out [KSAOK03]. time-recordable
[LWW+16]. time-scale [JL03]. time-series
[LFWV05, MFT+17]. time-shared
[CCLS09]. time-varying [BH03, Li15].
time/cost [KCK16].
time-cost-constrained [KCK16]. Timed
[BP13, Pap05, PIKM02]. timely [QC18].
times
[BB11, CLRL17, JLL17, RNJK09, SPSP17].
Timetable [WSZC18]. Timetable-aware
[WSZC18]. TimeTrustSVD [TQL+19].
timing [CCCP19]. TIN [TG04]. TIRIAC
TLS [DC17]. TMWSNs [MLW+18a]. TOA
[HXY13]. today [MK16a, MK16b]. TOADS
[ZZWJ04]. Toile [BBG+05]. token
[Ciu10a, Ciu10b]. tokens
[CJK+18, GXD+09]. TOLA [SDZ+17].
Tolerance [PCBD99, AMR18, CdC07,
DSS07, GdVC10, LXJD18, LSTV07, MC04,
NK16, Sar02, SG05].
Tolerant [ACC+19, AMH02, AFP07, AFB+10, BCh+08, CCL11,
DZ+15, DHB02, DK14, FD02, GCV+14,
kl02, LCBF13, LHB95, LAM07, LS01,
LY+16, LS08, PWY03, PIP18a, RWY+18,
SPR+10, THKG98, Xia06]. tomography
[FGCM07]. Tomorography [LGYZ18].
tomorrow [MK16a, MK16b, vdR87].
Tony
[Her87]. Tool
[LLSR02, AB19a, ABGMC19, BGMS17,
DMR93, FS07, FTH16, Ham17, KZLK06,
LWCH07, MCG+15, NS17b, OS92, Reu03a,
SDS18, WWS+09, WBF08, WYN+09].
toolkit
[CN92, HAE+03, HB+03, IJLC03,
LWHS07, SAMN02, ZYB+18, MFE+08].
toolkits [YPF05]. Tools
[CBS17, KV03, TBK+10, TA96, WRK+15,
ACU95, BR92, BS+05, BRNR15, CAC+10,
GLM+12, GD93b, KKvdB18, MCSS00,
SP18a, TC06, Wal86]. toolset
[PTD+18, RSD02, Tao10]. Top
[CCJ16, MLW+18a, KMT14, MADD+16,
TDBR18, ZZC14, CCHW03, RW18]. Top-
[CCJ16, MLW+18a, TDBR18, ZZC14, RW18].
TOP-C [CCHW03]. Topic
[AK18a, DL04, SZD+17, KH19, LPS+18,
NO19, WJS+18, ZZJY16]. topic-based
[KH19]. Topic-oriented [SZD+17]. Topics
Topological [AAC04, SNXB17].
Topological-order [AAC04].
topologies [VS90].
topology
[AAD+13, LJP12, LKT14, PRC+14, SHRE16, WXJ+16, EMHE18].
topology-aware [PRC+14, SHRE16].
Tor [WLYL11].
tort [Kag99].
torus
[KD00, LOK09].
TOSCA [WBL16].
Toshiba [Ama86].
totalistic [JM02].
touch [Alp18, GNC16, GCM18, PDW+11].
touchstroke [Alp18].
Towns [GMLGB+17].
trace [KN06, PD11, SK06].
traceability
[Che18, WHS+18, YSL+19].
Traceable [HZL18b, JBM18].
Traceable-then-revocable [LDZW19].
Traceback [JL14].
tracking [DMM14].
tracking
[BLB03, EKB00, Gra01, Han03, IMKB89, RS98, dLB10].
trajectories
[CZXL18, NWD+18].
Trajectory
[WMVB17, DHW+17, FAJP99, KXS+16, SOR05, WSN18].
Transaction
[Joh92, KJI11, KVvE18, LGW+17].
Transcational
[WZ13, GAYTC18, LAL+14].
transactions
[DR15, LAL+14].
transatlantic
[ABdL+03, ABdLL05, MMFM+05, RRS99].
transbronchial [BDS+10].
transceivers
[ABS+18].
transcoding [GFR+06].
transcript [STP+05].
transcription
[MMF16].
transcripts [TBD+02].
Transfer
[NMZC06, BBD+99, HKU+11, KJH10, KKL09b, KMCH03, KB16, LCL+19, LRYJ17, LSD11, LKFB18, MFL18, OS06, RSK16, RACA18, RLL+17, TZST14].
transferability [CLM+14a].
Transferring
[KLW+18].
transfers
[BLM18, DPBK16, MPWV12].
transform
[BWR12, BW13, GHE+18, NUPA19].
Transformation
[BL88, GHG19].
HQZH+14, LCL+16, MK95, RM97, SR19].
transformations
[CJXX19, DV03, DGA18, LTZ15, SSFR19, UM02].
transformed
[SC19].
transformed-domain-based
[SC19].
Transformer
[YYW+09].
Transforming
[PSK+10].
transient
[AMR18, BDHK06, EA13].
TRANSIMS
[RN01].
transit [AHP16].
transition
[GBY16, LXM+18].
transitional
[KRZ12].
transitions
[DCK03, Fre94, KLC05, PM14].
Translation
[Ama86, ABF+15a, Mur86, Nag86b, NTN86, Nit86, Sim86, Uch86].
Transmission
[KESL17, YYYC19, BWR12, HMA+18a, HPS03, KY85, PZA18, PWX17, SKF+09, VS04, YWL+17].
transmissions
[HSP+19].
transmit
[HJK+04].
transonic [GL95].
Transparent
[MSI+12, CWD+08, DW11, GTMZ17, KKJ10, MGLPP13, ZZ+13].
transplanting
[XK+18].
Transport
[HDC+94, AS02, CM99, JHL+06, MKH06].
Transportation
[GCD+18, LNL+19, NWL+17, RN04].

transport [CHJS+10]. transputer
[CFG93, Dui89, LSF+94, MLS93, mH95].

transporter-based [mH95].

trapezoidation [LD04]. Trapper [SSKF95].

treatment [Boi99, GP11, Mae89]. Tree
[LM07, BWR+12, BW13, CD16, CH10, CLY+14,
GOB+16, HLL+18, HHXL+13, KMI+11, LRMS+19,
LZ+07, SHLB+08, TWW+18, WWQ+18,
ZQZ+09, HCNT+14, KK+11, CZZX+18].

Tree-based [LM07]. Tree-Rule [HCNT+14].

tree-verified [HHXL+13]. Treecode [Fri+95].

Trees
[RSR+88, AW+97, CLR+16, CY+12, CFL+18,
EBP+18, Luk+89, PMK+18, SLO+05b, WLB+00].

tremor [AAN+18]. trend [PLA+8].

trending [HO+17, HAM+18]. Trends
[Her+91, Sas+85, WG+91, AVP+17, AMB+03,
Ano+1, Bal+1b, CLM+18, CR+05,
GMS+09, GMP+18, HPP+18, KLH+18,
Nag+1, TK+15, VB+18, W+84]. Tri

trial [BRL+19, KMC+03]. triangles
[BRR+04]. triangular [vdS+04].

triangulation [XSM+04]. Trident [SB+11].

tridimensional [BG+05, HM+98]. triggered
[K+16]. trip [LSV+18, MG+11]. triple
[ZZ+17]. triple-way [ZZJ+17]. triplet
[Tul+04]. TRIPOD [Pip+10]. Triva [SHN+10].

Trojan [CLK+11]. trolleys [MOP+18].

tropical [VBL+09]. trouble [XZZ+18].

troubleshooting [Tak+89a]. trucks
[PWP+18]. TrueID [HCL+17]. truly
[HNS+05]. TruSMS [CYZ+15]. Trust
[AW+16, AB+18, ECP+17, SS+17,
WC+12, YDN+16, AGR+19, ACL+18,
AHJ+97, AM+10, CYZ+15, DSS+07,
FM+18, GVD+15, JW+14, KZA+18,
LIW+19a, MML+18, MG+16, MPR+16,
NV+1, NJ+16, SYJ+19, SCL+14, SRK+18,
TDL+17, TAHS+14, TY+11, TQL+19, WW+11,
ZYK+17, ZZF+18, ZSS+18, YT+11].

trust-aware [AGR+19, MPR+16].

trust-based [MML+18]. trust-driven
[NJ+16]. trustable [CCCT+14]. Trusted
[BCP+18, Pol+98, SK+97, ZZX+16,
CLM+0, DCL+0, ED+19, HLN+11, JW+14,
KUr+18, KF+00, NV+11, WW+11, ZZL+10,
ZZZ+13]. Trusting [L+12].

Trustworthiness
[AB+18, SZ+12, CF+16, SSH+07, LHX+18,
SS+17, ZZX+18].

Trustworthy
[DLMS+15, YLV+15, CYZ+15, ZWG+19].

truth [ZZ+19]. truthful [DWM+18].

Tsallis [RDA+18]. TTN [BB+19]. TTP
[Pol+99]. tube [H+H+04]. tubulin [Tul+04].

tumor [ASY+18, YPJ+19]. tumour
[KMB+17, SU+98]. tunable [NUA+19].

tunable-Q [NUA+19]. tuner
[vW+19, vW+19]. Tuning [J+18, CQ+19,
EBP+18, FMS+08b, LCL+18, RSJ+14, Tao+10,
TCC+11, WVC+05, WLH+16]. tuple [BR+18].

Turbo [XR+18]. turbulence [NE+94].

turbulent [GL+95, K+89, VWC+94].

Turing [DDL+01]. Turing-like [DDL+01].

turnaround [CRTN+17]. TV [LCH+11].

tweets [DF+19]. Twister4Azure
[GZW+13].

Twitter
[BOH+17, CWZ+17, LCG+19, SCZ+19].

Two
[AB+95, DST+14, ED+19, GJ+94,
GDS+18, JLI+13, KI+89, R+9b, TB+13,
YGI+16, YDN+16, AWN+13, BP+02, CHS+11,
CCL+10, CHY+18, DS+0b, EM+18, GS+13,
HM+98, LM+9b, MTD+18, PBH+01, PM+14,
QZD+18, QPTGG+12, SA+07, Ser+8, SJJ+17,
TJ+18, UM+02, WX+17, WLS+18, YPC+12,
YCH+19, ZGV+19, BVS+2, M+86].

two-agent [WX+17]. Two-dimensional
[GD+18, BP+02, DS+0b, PM+14, SJJ+17,
YPC+12].

Two-factor [ED+19, WLS+18].

two-layer [PBH+01, TJ+18]. Two-level
[JLI+13, R+9b, CCD+10, CHY+18,
EM+18, MTD+18, QPTGG+12].

Two-phase [M+86]. two-processor
[Ser+8]. two-stage [QZD+18]. two-tier
Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18, L90]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].

Two-way types [BV04, Cie04, GGH¹⁹⁺, IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18].
CFGM16, CHS11, DDRR96, DLLZ17, DGGH11, DMM+18, DY+18, DgdL15, DKGs14, FK11, FTK17, FTD17, GGH+19, HCL+17, JRJ+11, KZA+18, Kam85, KJI11, KID+16, KV09, KMK09, KBB+09, KGLV18, KLW+16, LZP+18, LJY10, LH13b, LH0L3, LIW+12b, LLGY18, LASL6, LXZ+18, MSK03, MBL+19, MLBS11, OAMS18, PLA18, PARMF14, PQBP17, Pip18a, PDV+11, QGT+18, RSSD02, RAA+18, RRH16, SBCF16, SSA+19, SRF19, SCN+14, TaK9b, WTG+14, WMQ+16, WSN18, WDKV19, WMA18, YAO14, YH16L, ZDL+13, ZLZ13, ZXZL18, ZCZ+18, dACNC16, GFR, [KMK09, MLBS11, ZLZ13].

user-based [WMA18]. user-centred [AMB03].

User-centric [SZK18, ACL+18, DMM+18, DgdL15, Pip18a, QGT+18]. user-defined [KJI11]. user-generated [DDG11]. user-level [ZDL+18].

user-oriented [ZDL+18]. user-oriented [BvdV99]. USERNET [KGLA85]. users [GCD+18, IG12, JBR+16, KT08, Lok12, OS92, SCZ+19, SCH+17, YD18]. uses [Ano86]. Using [AC92, AHdJF97, BB06, BCC05, CGM+07, CPP+18, Che13b, CdSDS15, CHW03, CS97, Dal03, DvdHDl06, DBS14, Eng14, FDGR14, FR08, FMRs18, GTEL+18, GMFPC17, GJKP18, HGPM18, HMG15, HLS006, LLLC03, KGdL11, KKL11, KKA18, LTN10, LDS06, LFH+15, MRV92, OAMS18, PCC18, PGWP09, PBB+05, RMSPP17, RWV+13, Reu03b, RMCMD12, RV95, RS98, SK97, SA19, STC15, SSC04, SBL05, VFHB14, ZBF14, tTVH96, vVDBB98, vDHD+06, AD18, AAN+18, AFO+18, AdI14, ABD+19, AAC04, ATF11, AQAR+18, AEK+18, AHM+18, APK+18, ABB+03, ACE02, AIB+18, AKM18, AKW09b, AKW09a, ABL04, AEM10, AY16, BTG19, BA17, BDE17, BG12, BLL+19, Bal91a, BDP11a, BGI14, BYL+18, BvdHN+01, BRR+04, BBC+12, BKSS02, BRMN04, BG05, BMK+14b, Buc05a, BMP+16, BK06, CMX+16, CWD04, CSJN05, CWJD19, CsCdCM+17, CHJS+10, CHSA18, CY12, CKP05].

using [CH10, CFL+15, CLY14, CHS11, CWJ16, Che18, COC10, CXC+18, CJK+18, CGSZ95, CRC+19, CFG93, CSQ17, DNJG17, DP19, DC18a, DMM14, DNP14, ECFF17b, FC05, FLT17, FZW+18, FA+18, FC09, FJ18, FZT+18, FAMA+17, FFPS10, FCD+14, GQXL18, GHGP19, GJGB19, GHP+18, GHEB+18, GBY16, Gil94, GVA+16, GCV+14, GXD+09, GD93b, GGH+03, GGSS09, GM11, GR5+19, GMB19, GZWQ13, Ham19, HWS07, Hau03, HSV+17, HUMA18, HCNT14, HBB09, HSB+18, HMA18b, HNQ+18, HQ07, HWZL08, HXY13, HBN+13, HZLH19, HAB+06, HKP10, IDM+16, IdLR01, JFDF09, JGBF18, JP18, JH16, JHC18, JL14, JNR12, JOS19, KZL06, KH13, KMB+17, KLM+03, KMI11, KKYK04, KKP+05, KKL09b, KAD14, KHO+19, KBdLG18, KVHT10, KCH+13, KL18+18, KS18d, KS18c, KLW+16, LC17, LCP04, LL04b, LQK+16, LY17, LY18a, LYJ10, LZWX13, LXL+17, LJJ18, LLWW18, LD17, LH13b]. using [LOJ+07, LLCF11, Lin18, LLWN04, LYT+05, LAH10, LSD11, LLGY18, LLZ+18b, LLYW+16, LU+18, LKTC14, Luk89, LWJ+19, LTZ15, MLL15, MWL18a, MSS+13, MJM+16, MK17, MCSS00, MBM18, MVG18, MJ98, MB+18a, Mat18, MSBA16, MRH17, MC04, MK11, MDD15, MGA+18, MGLPPJ13, MS+18b, MRN19, NKX09, NS84, NK18, CNC+19, NCS04, NUPA19, OMD+18, PSLZ18, PC18a, PA01a, Pap05, PPS18, Pon19, Pri95, PRW14, PDDS10, QGX18, QGT+18, RdSH+00, RBGA18, RJJ+19, RLP12, RTHB17, RSK16, RS16, RGC+10, RKB18, RCD03, RS17b, SCL18, SPT+18, SC19, SKT+08, SZ98, SF19, SAGGB17, SPdSR+17, SMRM13, SH99, ST11, SW05, SVC+07,
using [VBLs09, WLZ14, WMX+17, WCB+18, WCM+19, WNR19, WBKL16, WDD00, WBF08, WLA18a, WCC14, WTS14, WLS+18, WLR18, Xia06, XLZ+14, XSM04, YJA03, YWJ+18, YD05, YLG+16, YSL19, YCZ18, YWF+10, YK17, ZG19, ZMS+06, ZGZ+10, ZLZ13, ZWL+16, ZXW+18, ZGV19, ZZJY16, ZAC+18, ZZS+19, Zin18, dFPFG19, vWMBs14, vdV89a, vdS04], utilisation [EPJ+05], Utility [Pa116, PdAF12, BB12, BYV+09, FP13, HIA18a, MSLP93, MPR+16, NK17, RZ16, VDPHS09, Ven09, XY15, YVCB10, YK17, ZLL17a, GBS10, KLM+03]. utility-based [Ven09], Utility-driven [PdAF12]. utilization [DFC+08, GXL+18, LLC+14b, MDB+18a, NF07, RSJ+14, TCH19]. Utilizing [GVI13, CZL+18a, HFM19, KTY03]. Utrecht [Bis96].

V [vdR87c], v.1.1 [MCF+11], V2 [CCL11].

vaccination [BOHCC17], Vadera [vdR87j].
vague [vdR87k]. Validating [LYT+05].

Validation [GHGP19, ZYA+18, Hol93].

validations [DC17], valley [CPMG19].

Value [BT17, HA16, BH03, GAYTC18, HPZL18, VVB11, WHZ19]. value-based [VVB11], valued [MZH+17], VANET [SBK18].

VANETs [IOV+18, LWYS18, ROK19, TA18].

variability [ASB18]. Variable [SCCS11, FZT+18, RNK09].

Variable-sized [SCCS11], variance [DHS99].

variant [JCSS01, ZXW18].

variation [BBI13, CPK05]. various [DGA18, JOPW14]. Varrier [PSG+06].

varying [BH03, Li15]. vascular [ZSo5b], vault [KHMB13, RHH+16].

VCP [VCC+16], VDB [YWF+10], VDC [SLB+17], VDM [BHH91, BHH92]. VE [DBA98]. Vector [LFWV05, VSvD95], CLY14, HBCR01, HAA+16, KCK04, PM04, PdLS+99, ZZ15, ZWL+16]. Vectorization [vNM94]. vectorized [LN94]. vectors [BB04].

vehicle [BBC+99, DOV01, DJH+19, HDC+94, OVDV98], vehicle-to-vehicle [DJH+19].

Vehicles [JBM+18, KJJ19, MJJ18, KLMB19].

Vehicular [KMJJ18, KIMR15, RQN+19, WSQ+18, BK16, LLYW19, LW+19a, SGCCR+16, VCD+18, WLZ+16, WSC18, LWW+16].

vein [LFW+17], vending [SDG17], ventricular [AFO+18, DNV+19]. VENUS [Mrr86].

Verifiable [ABH18, CZZ+18, LLL+18, KKL09b, WCL+17a, WLXZ18, ZZ15]. verification [CY12, CMVA18, EPB18, Hol93, LPMY18, LYZC15, LEW19, MKM11, TYH04, ZZ09, ZW10, dLLA93]. verified [HKA+18, HHXL13]. Verifying [AH11].

Versatile [HTV07, SBD+18, ZWX+19].

version [JL95, LFWV05, QCYJ17, ZDW+16].

versioned [ED16]. versioning [HDO16], versus [BVDF00, BM00, FLN+18, GJS+94, MGMT18, NHT06]. vertex [GL95]. vertical [FJL+16, KAEC+18, LF18b, MCDa16].

vertices [LXM+18, WCM+19].

Very [Klo05, CWJ+18b, GLA88].

VHSIC [AAb06].

VHT [MYBBM18], VI [HO02].

via [AS18b, BBH18, BBCN18, CZL+18a, DH16, DGA18, GCBM17, GDP+18, GJF+12, GDAS18, HHG05, JHC10, LLL18, LEW19, MZH+17, MBC+11, MHA09, MYK16, NS19, DLS14, QCYJ17, SC16, SYJ19, SAG19, WZW+19, WJLW18, XFTZ16, XLL+18a, YHH+19]. viability [dACAM13].

Victoria [PWB+13]. Video [ASPB03, GFR+06, TWZP18, DQXW19, GGH+19, HKU+11, HSP+13, HMA+18a, JLLC12, JHL+06, KWK16, KSK+11].
KSW+13, KHO+19, LYS12, LYXT14, MYK16, PSPP16, SKF+11, WWC+97, YARH18. video-on-demand [WWC+97].

videoconferencing [SWCP03]. videos
[HWWT12, KYY4, SLT19].

videos [PK08]. view [AD18, DCMB15, LYS12, LTTZ15, VS04, YCAS03]. viewers [WK03]. viewpoint [PD11].

VIGO [ACC+05a]. violation
[HH8+18, XYL+18, ZAC+18]. violations
[ENC+12, NJH+18]. Viper [WP04+18].

Virtual [BDF+99, BKS98, BCF+10, CCBR98, CFVP12, CT99, CHK98, DBL03, DGS09, DFG+00, DK17, Dzw97, Kaa98, Kaa99, KTY03, KTX95, LYYY17, LPBB+18, MRR98, MG10, PBM95, Rsn00, SSFFR99, SOR05, S01b, S01+17, ZLL+16, Zln00, ACC+05a, AKB+01, ASTEP98, ADA+19, AFB+15a, ALM+10, AAM+16, AS14, BJ12, BGH+03, BBSV92, BLRR98, BFC02, CGN18, CRM+16, CM01, CRC13, dCCDF015, CN98, DJZ+15, DSS+09, DBA98, DEG+17, DQL15, DCMW17, Dua94, EGAQ09, GVT13, GRPL04, GCV+14, GFGB03, GHH+19, HMHI17, HZZ+14, HRJ+06, HSC15, HZ16, JNR12, JDW+14, JSS9+99, KSSG16, KTKN11, KCS14, Lee04, LJS17, Lii0, LJJL13, LYYY18, LLLF+18a, LLWW18, LJJY10, LJJL12, LSYC18, LC13, DPK16, Man15, Mar99a, MK03, MFG+14, MRO10, NWT19, PADDD03, PFPJ18, PSG+06, Psn19, PHM+99, Ram95, RL98, RMM+98, RJ+09, RMHM17].

virtual [SS13, SB14, SDWS13, Sch98, SLJ13, SMSF18, SK+10, SUD+98, SYAL13, SLA+16, SLZ+18, TMVM12, TDG+06, UZ11, VVBI3b, WQG15, WTMM0, XJWW15, XWX+17, YLHJ14, YPLZ17, YYW+10, ZYJ+18, ZCS+16, ZWCH17, ZHHC17, ZFY18, ZZZ+17, ZLL+10, vVDBB98, EV98, HLC16, LLWW+13, SB99].

virtual-to-physical [ABF+15a].

virtualization
[FJKK17, KKB14, LL+12a, LCL14, MG19, MS+12, SVN+10a, SWW+18, VOS12, WCC+16, YCL+19, ZLZ13, MCJ19].

Virtualized [BB17, ACC+05a, ASB18, BJVZ08, B0d11, BBC+12, CP17, FNC11, GKW+12, GFB+12, GSP+17, JLL+13, JK17, LC13, PLL+15, TTB+13]. virus [LFL+17].

visa [GWO03]. visco [N06]. visco-plastic [N06]. VisGenome [JHC10]. visibility [DS04a]. Vision
[AUSA19, BYV+09, CCK88, GML+17, GBMP13, LPK94, Shi85]. visionary [Pin87].

visit [Kuo86]. Visual
[DM12, Kam85, AGT02, ATJ02, ADLM18, BCD+18, B99, HZ16, LSZ+18, LYXT14, MSM+18b, PC17, PAKA9, XJJ+18, ZLD+03].

Visualisation [PB05, CTMO06, DMM+99, ZAP05].

Visualization [GLW99, GLS99, LRI+06, MJ98, Pag99, YDK11, DLR+09, DMMP08, EBG99, Hub+06, IdLR01, LGG17, LJP505, MDB16, NOF18, OP13, PSG+06, PK08, PoLS+99, RvdSB+03, RJH+09, Rum99, SBS4L06, SHN10, Sch00, SUD+98, TWC+06, Tako5, Wes99, WCKW10, ZCW+04, dKD05].

visualizations [Gra15]. Visualizing
[BAPS14, CTF+99, DK00, GRM+18, SW99, BGC+03, D0K+10, PDK10].

vital [HYC+18, KXBA18]. vitality [LFL+17].

vitro [Kar01, SUD+98]. ViVa [Hol93].

vivo [Kar01, WXX18a]. VizieR [FOO+99].

VLADYMIR [LC04]. VLAM
[BGH+03, HBJ+03]. VLAM-G
[BGH+03, HBJ+03]. VLBI
[CHJS+10, WWD+14]. VLBI_UDP
[CHJS+10]. vblGRID [HJP03]. VLSI
[BSS4, KA88, OBK88, SAS85, TR85, VS88]. VM
[AB16, CJHH13, CFF14, FCY18, HZW+16, JFZL17, KSF+13, MYW+19, STMV18, WLA18a, YLQ14, YJL18, ZZJ17]. VM-scaling [AB16]. VMI [LLF+18a]. VMM [AD18]. VMP [JNR12]. VMs
[KMT14]. VMsLab [GRPL04].
VMS Lab-G [GRPL04], vocabulary
LYXT14], vocal [AHMS18]. VoD [LJY12].
VoIP [Che13a, YCX05], volatile [CCL11].
voltability [Lin18], volume
[LG16b, WWZC19]. volume
[Ano95h, Ano98a, Ano98c, Ano03a, Ano91a,
Ano92a, Ano92b, Ano92h, Ano92i,
Ano93a, Ano93i, Ano94a, Ano94g, Ano95a,
Ano95h, Ano98a, Ano98c, Ano03a, Ano03i,
Ano05f, EWG99, HHS8, LGMV02, Pf99].
volumes [Ano94b, WHMO13]. volunteer
[ALFR16, CGCB+12, CMT16, CCCC14,
GJJ+13, GJJ15, KJJ12, KMV+15, MKK13,
PdASM18, SH99, Sar02, SG13]. VOMS
[ACC+05b]. Voronoi
[KS02, LGMV02, STA17a, WZW+19].
Voronoi-based [STA17a], VOs [VKK14].
voting [Din03, ZCC+18]. VPN
[MSI+12, vDPGZ+16]. VR
[EMB98, Kaa98, MS98]. VRML
[Zip00, AD00, AV00, Avg00, IdLR01, Jon00,
MJ98, MJ00]. VRML-enhanced
[AV00]. vs [BCH+08, Ger02, IPG+18]. VSA
[SHLJ13]. VTK [WKF03].
VTK/CAVE+TM [WKF03].
Vulnerabilities [YS16, GHYK18, GGC18].
Vulnerability [LKCS18, NJK13].
W [vdR87g]. W3P [FKC11]. Wafer
[AKW90a]. Wait [Ray05, BB06, BKY18].
Wait-free [Ray05, BB06]. wakes [SSP04].
wake [MLW+18b]. Walker [vdR87g]. walks
[LXM+18]. wall [NRR+15, KID+16].
wallets [VSM+19]. Wallis [MSA+19]. walls
[YDK11]. WAM [CY88, CB90].
WAM-based [Cy88]. WAM-Plus
[CB90]. WAMM [BFL99]. WAN
[SISG18, TDG+06, ZFY18]. wandering
[Cu10b]. WANS [GGH+05]. want
[VSM+19]. Warning [ZP17, VMN+18].
warp [ZXL+18]. WASAM [AL14]. wasn’t
[DA18]. wastewater [Mae89]. watchdog
[ABF+15b, JXC+19]. water [BNJ16, Igl04a].
Waterman [Zem86]. watermark [PVSS17].
watermarking [AIA+18a, AIA+18b, BW13,
HK+18, RS17b, SKS+18, ZMS18]. wave
[Fin99, GCK98, Kni89, Sap88]. WAVE-1
[Sap88]. wave-turbulent [Kni89].
wavefront [MAPIA19]. Wavelet
[KKV+99, SMC99, BWR12, BW13,
GHEB+18, KU01, NUPA19, WLY+14].
Wavelet-Based
[KKV+99, SMC99].
wavelet-time [WLZ+14]. wavelets
[PRW14]. waves [GPH+94]. way
[ABMMC18, ABF+03, dRADFG18,
GFW+18, HM98, YG18, YCH19, ZJJ17].
WBAN [GCK18]. weakening [CWL+18].
weaker [Wan18b]. wear [WZS+18].
wear-aware [WZS+18]. wearable
[CRRC18, CRC+19, DP19, GRX19, KMU19,
LNY+18]. weather
[LCL+18, WH99, ZLX14, PSP+09]. Web
[CAS+16, LKA+19, Opp00, YPF05, AAF18,
ACPI9, FTH16, HC17, KHS18, LPMY18,
LXL+17, MCT+15, NWT19, NK18, Qu04,
RW18, ZJW+14, ADM06, AKMK05, ATF11,
AFP07, AMW99, BJA+05, BKK99,
BRXSI11, BDF+16, Br01, BCM07,
CMZ+12, CAC+10, CW04, CBK+01,
QL17, CGL+10, DCS+07, DMM11,
EKB00, FD12, FKOC11, FCD+14, GP11,
GBP00, Gra01, KZH10, HANF09, HAF00,
KSI1, Lan00, LML13, LWHC07, LJ07,
LLKF09, LASL16, LCO3, MCSS00, ML11,
MJ06, Mar98a, MSX00, MGLPP13,
MPPM09, NKX00, NMA00, OF07, OVK+09,
P000, PPS06, PPAK99, PFS+13, PBB+05,
QP08, RHMCG14, SH99, SMA08, She00,
SGY+07, TAG11, VSP+14, WCV12,
XLZ+14, XRPT18, YMLT13, YAO14,
YMM00, ZCW11, ZWW+13]. web-based
[FTH16, AMW99, Bn01, CBK+01,
DMM11, GBE00, Gra01, LCO3, MCSS00,
MJ06, Mar98a, MSX00, P000, PPAK09,
SH99]. Web-centric [LASL16]. WebFlow
[HAF00]. Webservices [OFT09].
Websim99 [Bn01, FC10, Gra01, IdLR01,
PFO1, PSS01, SM01a]. websites [SZ12].
weekly [MHW+16]. Weibo [MNC+18, WRCC17, WNR19]. weight [AKB+18a, Eng14, LTC12]. weighted [BRL19, LFWV05, LLSL18, LJW+19, PLL+18, TJI+18, YPCK12, YZI+12, YLI+16, RCM+17]. weighted-fair-queuing [YZI+12].


while [BKY18, LLW12b]. white [ZSW+18a]. white-box [ZSW+18a].

whiteboard [FP03]. whitelists [HLNM11].

whole [CMX+16, CC00]. whole-exome [CMX+16]. whole-program [CC00]. Wi [AKM18, DCFB19, SLS10]. Wi-Fi [AKM18, DCFB19, SLS10]. Whole [Opp00, OS10, AL14, BBI13, GGH+06, GGSZ09, GG10, LCBF13, LRJ+06, LWS07, RR599, VBS09, ZG19].

Wide-area [OS10, AL14, GGH+06, LCBF13, LRJ+06, VBS09]. WiFi [AMRM18, NS10]. WiFi-based [NS10].

Wiki [LG16a]. Wiki-Health [LG16a]. Wikipedia [BAPS14]. wildfire [JNHL18]. wildland [ACML06, Wiley [Ano87c, vdR87a, vdR87d]. Wilson [vdR87g]. WiMAX [SLS10].

WiMAX/heterogeneous [SLS10]. Wind [SMC18, YGY+19]. window [YLI+16].

windows [AQBB15, RJN+19, FPX+09].

wings [GTCZG+18]. wire [BKY18]. Wireless [SYI+19b, AS18b, PC17, SMS16, TKA18b, WWTF18, AKP+18, AIB+18, BLAN+16, CZY+18, CJ14, CCM+18, FG18, FJJ+18, GBKJ18, GLXF17, GZL+18, HKA+18, HMW14, HDI+18, IASK14, KU19, KLW+16, LC17, LBY08, LLQS14, LW18a, LCZR12, LZXG12, LHBC16, LZY+16, MYK16, MK04, NS10, PSVL02, PZ14, QGX18, SJ14, SCY+18, SCS+18, TSD18, WDJC18, WCW18, WLS+18, WGX+19, XZ14b, YHL+19, ZBL+14, ZZLH18, ZWJ+18, AS18a]. wise

[LHCC18, XTL+19]. within

[AJY15b, BBD+99, DMPP16, EP12, EBCP18, MZP+19, MT17, PO00, Pag99, PA01b, ZDL+13]. without

[CYH04, DH16, Gor02, LY17]. WK [VS90].

WK-recursive [VS90]. WLAN

[MYBMM18, WOA [HEES19]. WoBinGO

[ISS+15]. WonderSpace [NMA00]. Work [JO11, TF13, Hen87]. workbench

[SB11, dRSH94, Wes99]. worker

[BAI91a, LC14]. Workflow

[AL18, AM17, BGK+05, FPX+09, GKW+12, HHS15, MJM+16, MSE19, NHG06, SV16, WCC+09, AEN13, ACKY+17, AB18a, ALK15, ABP16, CHC+17, CsdS15, CLR18, CBK+17, CGJ18, CS09, DGST09, DVJ+15, DMM11, DNP14, EHT10, FK11, GYH+18, GGC17, GJ15, GWW+09, GME10, GRCP+17, HDD+12, HOB9, HZP+14, HH11, JP17, KKS07, Kim07a, KVH10, KTM+08, LWHC07, LS05, LGY+16, LCF11, LSH+11, MSS+13, MJDN15, MBZL09, NF13, OdOD+13, PAC+17, RRB10, RB12, RLRC13, RB18, SD06, SL1+17, SB11, SGJ18, Sip12, SIL+13, SV15, SDC11, SCKB+16, SLL+18, TMM+13, TIK14, WYBS11, WHP09, WWT+16, XWL+18, ZCW11, ZME+15, ZBB09, ZLR+15, ZSS+19, dSG13, dSFP+17, AKM05].

Workflow-and-Platform [SV16].

Workflow-based

[NHG06, WCC+09, LSH+11, MSS+13]. workflow-oriented [SL1+17]. Workflows

[DGST09, LPV+16, MG11, AHP16, AHP+18, ABG17, AB17, AB17b, AB18c, AGMT17, Bal16, BB16, BKK11, CLR17, CMX+16, CTR+17, CBBC+17, dCCDFdO15, DGS09, DGR+15, DM12, GAB+14, GP009, HM18, HCB14, JTS13, JTB15, JCD+13, KJ18a, KCK16, KJ17a, KOP+17, KTK17, LH07, MT17, MD0+17, MDO+15, Nag16, PFS+13, RKB18, SG17, SSC09, TDPF+17, TDF07, TBNF09, TGM11, WLF+09, WZZ16, WHW16, WHW16b].
REFERENCES


References

Adhikari:2018:HBL


Al-Ayyoub:2018:RSP

Mahmoud Al-Ayyoub, Muneer Al-Quraan, Yaser Jarar-
REFERENCES


**Adamo:1992:DSI**


**Agarwal:2007:GCC**


**Aiftimiei:2010:DIG**


**Ahn:2004:TOB**


**Aoun:2013:TOA**

Rosy Aoun, Chinwe E.
REFERENCES


Abdou:2018:SAF


Abdou:2018:SAF

Aljawarneh:2017:CSE


Aljawarneh:2017:CSE

AlMamun:2017:CBF

Khondaker Abdullah Al Mamun, Musaed Alhussein, Kashfia Saimunaz, and Mohammad Saiful Islam.
REFERENCES


Ali:2018:DHG


Anderson:2018:SOF


Arabnejad:2018:RMQ


Abdel-Basset:2019:CT


Alavi:2019:OST


Abawajy:2006:APS

J. H. Abawajy. Adaptive parallel I/O schedul-


[ABC+18] Toni Adame, Albert Bel, Anna Carreras, Joan Melià-Seguí, Miquel Oliver, and Rafael Pous. CUIDATS: an

Alexandris:2000:SLC


Antony:2003:MET


Antony:2005:EPL


Ahmad:2019:SCN


Abe:1992:PSH

Aharoni:1993:AGC


Andronico:2003:GSE


Ammendola:2015:HWM


Abramson:2002:CEG

Alper:2017:SAT

[ABG17]

Azad:2018:PVD

[MAS18]

Anderson:1994:PSS

[ABK94]

Argentini:2004:EUM

[ABL04]
REFERENCES


Aloisio:2007:SSL


Abdel-Basset:2018:NFE


Abdel-Basset:2018:ITI


Abdel-Basset:2018:HWO

REFERENCES


[ABKZ15]


[ABTA18]


[ABTF16]


[AC92]

REFERENCES


[ACC+05a] Adabala:2005:VRV

[ACC+05b] Alfieri:2005:GFV
R. Alfieri, R. Cecchini, V. Ciaschini, L. dell’Agnello, A. Frohner, K. Lőrentey, and F. Spataro. From gridmap-file to VOMS:

**Aufaure:2016:BIS**


**Ahmad:2019:PAP**


**Anastasi:2017:QAG**


**Aloisio:2002:EEG**


**Acacio:2002:MDM**


REFERENCES

Asensio:2019:EHA


Alberti:2017:NNR


Ardagna:2018:CAD


Allen:1995:MMT


Ahmad:2019:IAS


Amon:2000:GEE

REFERENCES

140

A:2018:AML


A:2019:EAC


A:2012:PAL


A:2014:SIU


A:2019:NZZ


[ADK+09] Athanasia Asiki, Katerina

Aljundi:2006:UPF


Arleo:2018:PDG


Al-Dubai:2012:ESI


Al-Dubai:2006:BNT


Abhari:2006:WOB

REFERENCES


Angskun:2010:SHN


Alef:2009:IMM


Arentoft:1992:OAP


Aktas:2007:FTH

Mehmet S. Aktas, Geoffrey C. Fox, and Marlon Pierce. Fault tolerant high performance information services for dynamic collections of Grid and Web...
REFERENCES


**Arentoft:1991:OAP**


**Agosti:2016:DLI**


**Al-Faifi:2018:PPM**


**Al-Faifi:2019:HMC**


**Agrawal:1992:SSP**


**Alt:2005:AJR**


Lawrence Albinson, Dominique Grabas, Pascal Pi-

Airehrour:2019:SRS


Arbab:1994:M


Aziz:2011:VDP


Acharya:2019:CFE


Alberda:1997:UFM


Acevedo:2017:CPF

César Acevedo, Porfidio Hernández, Antonio Es-


[AHP+18] Fatma Alali, Nathan Hanford, Eric Pouyoul, Raj Kettimuthu, Mariam Ki-
ran, Ben Mack-Crane, Brian Tierney, Yatish Kumar, and Dipak Ghosal.

Abawajy:2018:ICT


Ali:2018:CBR


Ali:2018:ZWA

Amin:2018:RAP


Aigrain:1986:TP


Aiso:1988:FGC


Akatyev:2019:EII


Albodour:2012:HLQ


Abraham:2015:GBP


Albodour:2015:QWB

Reda Albodour, Anne James, and Norlaily Yaacob. QoS within business grid quality of service Systems.
Aliabadi:2002:PSF


Altmann:2014:CMB


Aslan:2018:TRA


Aujla:2018:MES


Afsarmanesh:2001:RAS

REFERENCES


[AKM18] Osamu Ammae, Joseph Korpela, and Takuya Maekawa. Unobtrusive

**Abramson:2005:ASW**


**Ahmad:2018:TMO**


**Alkindi:2001:OAE**


**Aiso:1986:E**


**Anderson:1990:FPC**


**Anderson:1990:FGP**

Paul Anderson, Paul Kelly, and Phil Winterbottom.

**Alcaraz:2014:WDW**


**Alkhanak:2018:HHC**


**Alberts:2004:SRS**


**Alder:1989:CCS**


**Alexandre:1997:BSC**


**Arcanjo:2016:MEV**

REFERENCES


Amato:2017:ECW


Amano:1986:TMT


Amamiya:1988:DFC


Almasi:1992:PDS


Angelov:2003:SIM


Ahmad:2018:OOC

Jamil Ahmad, Khan Muhammad, Sambit Bakshi, and Sung Wook Baik. Object-oriented convolutional fea-

**Afzal:2008:CPS**


**Alonso-Monsalve:2018:HMC**


**Ahn:2002:SEF**


**Ahn:2004:CML**


**Arnedo-Moreno:2010:JRA**


**Amit:1990:ANN**

Daniel J. Amit. Attractor neural networks and biological reality: associa-
Ahmed:2016:SAD

Mohiuddin Ahmed, Ab- 
dun Naser Mahmood, and 
Md. Rafiqul Islam. A 
survey of anomaly de- 
tection techniques in fi-
nancial domain. *Future Generation 
Computer Systems*, 55(??):278–288, 
February 2016. CODEN 
FGSEVI. ISSN 0167-739X 
(print), 1872-7115 (elec-
tronic). URL http:// 
www.sciencedirect.com/
science/article/pii/S0167739X15000023.

Amiri:2018:OLM

Maryam Amiri, Leyli 
Mohammad-Khanli, and 
Raffaela Mirandola. An 
online learning model 
based on episode min-
ing for workload predic-
tion in cloud. *Future Generation 
Computer Systems*, 87(??):83–101, Oc-
tober 2018. CODEN FG-
SEVI. ISSN 0167-739X 
(print), 1872-7115 (elec-
tronic). URL https:// 
www.sciencedirect.com/
science/article/pii/S0167739X18300712.

Abbasinezhad-Mood:2018:DHI

Dariush Abbasinezhad-
Mood and Morteza Nikooghadam. 
Design and hardware im-
plementation of a security-
enhanced elliptic curve 
cryptography based lightweight 
authentication scheme for 
smart grid communications. *Future Generation 
Computer Systems*, 84(??): 
47–57, July 2018. CODEN 
FGSEVI. ISSN 0167-739X

Aljawarneh:2016:IAM

Shadi A. Aljawarneh,
REFERENCES

Amadio:2006:CFE


Amato:2019:SMR


Antonic:2016:MCS


Al-Muhtadi:2019:MCL


Asghari:2018:ETF

Atkinson:2018:YWL


Arunarani:2019:TST


Andronikou:2012:DQA


Aloisio:1999:XAH


Ardaiz:2008:GBD


Abdullahi:2016:SOS

Mohammed Abdullahi, Md Asri Ngadi, and Shafi’i Muhammad Abdulhamid. Symbiotic organism search optimization based task scheduling in cloud computing environment. *Future Generation..."
REFERENCES


Abridhshami:2013:DCW


Ahmed:2019:PSS


Akima:1992:SSC


Anonymous:1984:ASA


Anonymous:1984:A


Anonymous:1984:Ca


Anonymous:1984:Cb

Anonymous. Calendar.
REFERENCES


Anonymous:1984:ESE


Anonymous:1984:EB


Anonymous:1984:EEC


Anonymous:1984:EE


Anonymous:1984:EEC


Anonymous:1984:EE


Anonymous:1984:EE


Anonymous:1984:EE


Anonymous:1984:EE

REFERENCES


[Ano85g] Anonymous:1985:NLU


[Ano85c] Anonymous:1985:Ca

[Ano85d] Anonymous:1985:Cb

[Ano85e] Anonymous:1985:Cc


[Ano86b] Anonymous:1986:Ca

REFERENCES


1986. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


REFERENCES

[Ano86]

[Ano87]

[Ano86a]

[Ano87a]

[Ano87b]

[Ano87c]

[Ano87d]

[Ano87e]

[Ano87f]
REFERENCES

Anonymous:1987:Cc


Anonymous:1987:Cd


Anonymous:1987:EB


Anonymous:1987:ERA


Anonymous:1987:LE


Anonymous:1987:MID


Anonymous:1987:RST


Anonymous:1988:Ca


Anonymous:1988:Cb

Anonymous:1988:EB

Anonymous:1989:AIV

Anonymous:1989:Ca

Anonymous:1989:Cb

Anonymous:1989:Cc

Anonymous:1989:EB

Anonymous:1989:P

Anonymous:1990:AIV

Anonymous:1990:Ca
REFERENCES

Anonymous:1990:Cb


Anonymous:1990:Cc


Anonymous:1990:Cd


Anonymous:1990:EB


Anonymous:1990:PC


Anonymous:1991:AIV


Anonymous:1991:Ca


Anonymous:1991:Cb


Anonymous:1991:EB


Anonymous:1992:AIVa

[Ano92a] Anonymous. Author index to volume 7 (1991/

Anonymous:1992:AIVb


Anonymous:1992:Ca


Anonymous:1992:Cb


Anonymous:1992:Cc


Anonymous:1992:Cd


Anonymous:1992:EB


Anonymous:1992:SIVa


Anonymous:1992:SIVb


Anonymous:1993:AIV

REFERENCES

Anonymous:1993:BAb

Anonymous:1993:BAa

Anonymous:1993:Ca

Anonymous:1993:Cb

Anonymous:1993:Cc

Anonymous:1993:Ca

Anonymous:1993:EB

Anonymous:1993:SIV

Anonymous:1994:AIVa
REFERENCES

445, November 1994. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

[Ano94f]

Anonymous:1994:AIVb


[Ano94g]

Anonymous:1994:Ca


[Ano94a]

Anonymous:1994:Cb


[Ano95b]

Anonymous:1994:CFC


[Ano95c]

Anonymous:1994:EB


[Ano95d]

Anonymous:1994:SIV


[Ano95e]

Anonymous:1995:AIV


[Ano95f]

Anonymous:1995:Ca


[Ano95g]

Anonymous:1995:Cc

REFERENCES

Anonymous: 1995: Cd


Anonymous: 1995: Cb


Anonymous: 1995: Ce


Anonymous: 1995: Eb


Anonymous: 1995: Siv


Anonymous: 1996: CCEa


Anonymous: 1996: CCEb


Anonymous: 1996: C


Anonymous: 1996: Eb

REFERENCES

FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

[Ano97a]

[Ano97b]

[Ano97c]

[Ano97d]

[Ano97e]

[Ano97f]

[Ano97g]

[Ano98a]

[Ano98b]

[Ano98c]
REFERENCES

Anonymous:1999:E

Anonymous:2000:Ia

Anonymous:2000:Ib

Anonymous:2001:AI

Anonymous:2001:GE

Anonymous:2001:SI

Anonymous:2002:AI
REFERENCES


Anonymous:2003:IE


Anonymous:2003:SIV


Anonymous:2004:AI


Anonymous:2004:SI


Anonymous:2005:CA


Anonymous:2005:Cb


Anonymous:2005:EBa


Anonymous:2005:EBb


Anonymous:2005:EA


Anonymous:2005:SIV

REFERENCES

Anonymous:2005:R

Anonymous:2006:PN

Anonymous:2007:AR

Anonymous:2008:AR

Anonymous:2010:AR

Anonymous:2011:AR

Anonymous:2011:C

Anonymous:2011:EB
Anonymous:2012:AR


Anonymous:2012:Ca


Anonymous:2012:Cb


Anonymous:2012:Cc


Anonymous:2012:Cd


Anonymous:2012:Cf


Anonymous:2012:Cg
REFERENCES


Anonymous:2012:C


Anonymous:2012:EBa


Anonymous:2012:EBb


Anonymous:2012:EBc


Anonymous:2012:EBd


Anonymous:2012:EBe


Anonymous:2012:EBf

Anonymous:2012:EBg


Anonymous:2012:EBh


Anonymous:2012:OHA


Anonymous:2013:Ca


Anonymous:2013:Cb


Anonymous:2013:Cc


Anonymous:2013:Cd

REFERENCES


[Anonymous:2013:EBa]

[Anonymous:2013:EBe]

[Anonymous:2013:EBb]

[Anonymous:2013:EBc]

[Anonymous:2013:EBd]

[Anonymous:2013:EBf]

[Anonymous:2013:EBg]

[Anonymous:2013:EBh]
REFERENCES

Anonymous:2014:EBd


Anonymous:2015:Ca


Anonymous:2015:Cb


Anonymous:2015:Cc


Anonymous:2015:Cd


Anonymous:2015:Cd


Anonymous:2015:Cf


Anonymous:2015:Cb

REFERENCES


Anonymous:2015:EBf


Anonymous:2015:EBg


Anonymous:2015:EBh


Anonymous:2015:EBi


Anonymous:2016:Ca


Anonymous:2016:Cb

Anonymous. Contents. *Future Generation Computer Systems*, 55(??):iii–vi, February 2016. CODEN FGSEVI. ISSN 0167-
REFERENCES


Anonymous:2017:EBa


Anonymous:2017:EBb


Anonymous:2017:EBc


Anonymous:2017:EBd


Anonymous:2017:EBf


Anonymous:2017:EBg


Anonymous:2017:EBh

Anonymous:2017:EBi


Anonymous:2017:EBj


Anonymous:2017:EBk


Anonymous:2017:EBl


Anonymous:2018:EBa


Anonymous:2018:EBb


Anonymous:2018:EBc

Anonymous. Editorial Board. *Future Generation Computer Systems*, 78 (part 3)(??):ifc, January 2018. CODEN FGSEVI. ISSN 0167-739X.
REFERENCES

Anonymous:2018:EBd

Anonymous:2018:EBf

Anonymous:2018:EBg

Anonymous:2018:EBh

Anonymous:2018:EBi

Anonymous:2018:EBj
REFERENCES

Anonymous:2018:EBk
[Ano18k]

Anonymous:2018:EBl
[Ano18l]

Anonymous:2018:EBm
[Ano18m]

Anonymous:2018:EBn
[Ano18n]

Anonymous:2018:EBo
[Ano18o]

Anonymous:2018:EBp
[Ano18p]

Anonymous:2019:EB
[Ano19a]

Anonymous:2019:EBa
[Ano19b]
REFERENCES

Anonymous:2019:EBb


[Ano19c]

Anonymous:2019:EBc


[Ano19d]

Ansell:2011:MPQ


[Ans11]

Aahlander:2006:SDF


[AO06]

Abdullah:2010:OWA


[AOIS10]

Arcos:1996:IRO


[AP96]

Abdi:2017:CMD


[APAZ17]
Aguilera:2017:CCD


Ali:2018:SUA


Ahmad:2016:SCS


Alowayyed:2019:PHP


Al-Qurishi:2018:PSS

Muhammad Al-Qurishi, Majed Alrubaian, Sk Md Mizanur Rahman, Atif Alamri, and Mohammad Mehed Hassan. A prediction system of Sybil attack in social network using deep-regression model. *Future Generation Computer Systems*, 87(??):743–753, Oc-
REFERENCES


Oyindamola O. Akande and Philip J. Rhodes. To-

Ahmed:2017:MEC


Ahmed:2018:HAS


Altmann:2012:PSI


Alghamdi:2014:SBS


Almond:1999:UUA

REFERENCES


[AS19] Zakarea Al-Shara, Frederico Alvares, Hugo Bruneau, Jonathan Lejeune,

Asyabi:2018:PHC


Amjad:2012:SDR


Atchley:2003:VI


Atchley:2003:VI

Asuncion:2013:ADP


Aguilar:2013:SAD


Ahmadi:2011:CRP


Ansari:2018:NML


Amin:2018:BDA


Alba:2001:ASA

Enrique Alba and José M. Troya. Analyzing synchronous and asynchronous


**[ATdC16]** Fernanda Nascimento Almeida, Gisela Tunes, Julio Cezar Bretas da Costa, Ester Cerdeira Sabino, Alfredo Mendrone-Júnior, and João Eduardo

Ai:2011:PCW


Al-Theneyan:2002:XBV


Alamri:2014:TMO


Allis:1996:MLS


Arshad:2013:NIS

REFERENCES

Afzal:2019:EIP


Amon:2000:VEL


Avgoustinov:2000:VME


Apte:1997:DMD

Abramson:2003:DSA


Argasinski:2019:APS


Almuttairi:2013:TSP


Abawajy:2016:TSP


Azzedin:2016:MBC


Aazam:2018:OFC

Mohammad Aazam, Sherali Zeadally, and Khaled A. Harras. Offloading in fog computing for IoT: Review, enabling technologies, and research opportunities. *Fu-
REFERENCES

Babar:2017:SUP

Baayen:1987:PPP

Beloglazov:2012:EAR

Breskovic:2013:CSP

Berket:2002:PAI

Bondarescu:2005:ASC
Ruxandra Bondarescu, Gabrielle Allen, Gregory Daues, Ian Kelley, Michael


(Bal93) Henri E. Bal. Evaluation of KL1 and the inference

**Bandini:2002:CA**


**Bandman:2002:CNA**


**Bandman:2005:CPS**


**Balis:2016:HMC**


**Bandini:2002:CA**


**Bandman:2002:CNA**


**Bandman:2005:CPS**


**Balis:2016:HMC**


**Bandini:2002:CA**


**Bandman:2002:CNA**


**Bandman:2005:CPS**


**Balis:2016:HMC**


Barthes:2011:OFM


Baroudi:2014:DCP


Banares:2016:ECS


Bibel:1984:TCM


Bibel:1985:TCM


Boojhawon:2004:RSG

[BB04] Ravindra Boojhawon and Muddun Bhuruth. Restarted Simpler GMRES aug-

**Berrios:2006:UWF**


**Brandic:2012:SSR**


**Balaji:2013:GEI**


**Bassem:2017:MCP**


**Begeman:2011:LIS**


**Bochenina:2016:SSM**

Klavdiya Bochenina, Nikolay Butakov, and Alexander Boukhanovsky. Static
scheduling of multiple workflows with soft deadlines in non-dedicated heterogeneous environments. 


Boukhelef:2019:OCD


Barisone:2001:JSM


Beccaria:1999:HPR


Bertran:2012:EAS

REFERENCES


[BBCN18] Pierfrancesco Bellini, Ivan Bruno, Daniele Cenni, and Paolo Nesi. Man-


parallel functional pearls: automatic parallel recursion scheme detection in Haskell functions via antifi-


REFERENCES

March 2006. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


REFERENCES


[Byun2007] EunJoung Byun, SungJin Choi, MaengSoon Baik,

**Bellavista:2017:GGA**


**Brook:2018:LCL**


**Borgetto:2012:EAS**


**Belmonte:2010:FRM**

REFERENCES


**Baude:2002:ORM**


**Broker:2005:UPL**


**Banatre:1988:PMM**


**Bubendorfer:2013:ESC**


Brunner:2012:NAS


Bernaschi:1999:HPS


Brezany:2001:GIP


Bhushan:2018:CCU


Bellotti:2007:DMI


Brezany:2001:GIP


Bhushan:2018:CCU


Bellotti:2007:DMI


Brezany:2001:GIP


Bhushan:2018:CCU


Bellotti:2007:DMI


Brezany:2001:GIP


Bhushan:2018:CCU


[Botta:2016:ICC]


[Badawi:2017:MCB]


[Beck:1999:HNG]


[Bonacin:2016:SIS]


Bodei:2002:FLD


Bucci:1992:LCW


Benoit:2013:SLC


Balke:2011:AEI


Bosin:2011:ESP


Bulat:2010:CTC

References

Bent:2017:MUB


Beltran:2016:BNA


Benkner:1999:HHP


Bernaschi:1996:RHP


Beazley:2003:ASS


Beltran:2016:BNA

REFERENCES


REFERENCES


Baraglia:1999:OTF


Baig:2018:CGN


Bartolini:2018:ERB


Brune:1999:MPE


Bessonov:2005:DEC

O. Bessonov, D. Fougère, and B. Roux. Development of efficient computational kernels and linear algebra routines for out-of-


Badrinath:2012:PBR


Blanco:2003:VPP


Belloum:2003:VGG


Bardeen:2006:QGC


Bubak:2005:WCS

REFERENCES

CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

**Bouhafs:2005:DEA**


**Badia:2008:SSS**


**Borges:2017:CHH**


**Borcea:2017:PEE**


**Bywater:1999:MPD**

Benedetto:2019:TPF

Biget:1997:HSC

Baumann:2003:SVD

Blanke:2013:SPB

Bhat:2018:BDC

Blanke:2009:AHS
Bjørner:1991:FMO


Bjørner:1992:FMO


Beemster:1993:ECP


Bhuyan:1995:HPC

REFERENCES


Klavdiya Bochenina, Sergey Kesarev, and Alexander Boukhanovsky. Scalable parallel simulation of dynamical processes on


[BKL01] Marian Bubak, Dawid Kurzyniec, and Piotr Luszczek. Convenient use ...

**Benner:2003:SPC**


**Belleman:1998:VEE**


**Baars:2014:CCS**


**Basu:2018:ICM**


**Beynon:2002:OEC**


Bhattacharyya:2018:WWL


Bougé:1992:CSD


Barak:1998:MMO


Bohn:2002:LBH


Blanc:2013:IMA


[BLAN+16] Benzaid:2016:FAW

[BLL+19] Bai:2019:LMD

[BLAV06] Bote-Lorenzo:2006:SSC

[BLLMU19] Baldassarre:2019:MPM
Giorgio Baldassarre, Paolo Lo Giudice, Lorenzo Musarella, and Domenico Ursino. The MIoT paradigm: Main features and an “ad-hoc” crawler. Future Generation Computer Sys-
REFERENCES


Bahnasse:2018:NSA

Bal:2003:E

Blach:1998:HFV

Bisiani:1992:DMH

Brown:2000:CVA

Bergstra:2008:DSI
REFERENCES

2008. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

**Bazinet:2007:GSB**


**Brocco:2010:EEI**


**Bilal:2014:TSG**


**Bourdena:2014:RIT**


**Barakat:2018:ACD**


REFERENCES

Banditwattanawong:2016:MPC


Bhateja:2018:UMA


Bergamaschi:2001:IQN


Bicocchi:2010:HDD


Blaheta:2006:SSN


REFERENCES

ng/10/19/19/41/25/27/abstract.html.

**Bello-Orgaz:2017:DDC**


**Berkhoff:2014:CFI**


**Bousri:1995:PNM**


**Bodin:1994:OKP**


**Bastien:2007:CSH**

Olivier Bastien, Philippe Ortet, Sylvaine Roy, and Eric Maréchal. The configuration space of homologous proteins: a theoretical and practical frame-


**Bechini:2001:BIC**

REFERENCES

Bandini:2002:CGT


Brooke:2010:ESC


Benerecetti:2013:TPI


Brenot:1992:AKB


Braun:2001:PLB


Bernabe:2014:SAM

Jorge Bernal Bernabe, Juan M. Marin Perez, Jose M. Alcaraz Calero, Felix J. Garcia Clemente, Gregorio Martinez Perez,
REFERENCES


**Beltrame:2007:GGE**


**Bemmerl:1992:PTD**


**Bouya:2010:SSF**

Belyaev:2018:COA


Bendouda:2018:PAB


Bouaziz:2019:EMA


Byrski:2018:SSF


Bai:2019:MGO


Bretherton:1989:ES

REFERENCES


Barros:2011:CAB


Burger:1984:VRU


Bettini:1991:CMO


Berridge:2004:IGM


Bettini:1992:CMO


Benerecetti:1996:MPT

Blanas:2009:CBP

Balakrishnan:2011:SEC

Balakrishnan:2017:MMS

Barbosa:2006:EAI

Benson:2013:PUS

Brandes:2005:MCB
Thomas Brandes, Helmut Schwamborn, Michael Gerndt, Jürgen Jeitner, Edmond Kereku, Martin Schulz, Holger Brunst, Wolfgang Nagel, Reinhard Neumann, Ralph Müller-Pfefferkorn, Bernd Trenkler, Wolfgang Karl, Jie Tao, and Hans-Christian
REFERENCES


Shijila B., Anju Jose Tom, and Sudhish N. George. Simultaneous denoising and moving object detection


739X (print), 1872-7115 (electronic).


[250]


Basanta-Val:2015:IPD


Bik:1997:ISP


Bhatnagar:2013:BIW

REFERENCES


Bello:2019:TES


Bagheri:2010:AIA


Bessis:2018:SOS


Celaya:2013:TRA


Celaya:2015:FSB


Celaya:2015:CAA

Cioara:2018:OFM

Campos:2010:ACM

Chen:2018:NFD


Chinellato:2005:COM


Choi:2010:GBA


Cohen-Boulakia:2017:SWC


Cushing:2016:TDP


Cavdar:2015:SFP

Derya Çavdar, Robert Birke, Lydia Y. Chen, and Fatih Alagöz. A simulation framework for pri-

### Cooper:2005:AAP

**[CBD^{+}05]**


### Casavant:2001:PDA

**[CBK^{+}01]**


### Chirkin:2017:ETE


### Costa:2013:AIE


### Chard:2016:NHS


REFERENCES

Conejero:2014:VTC

Clematis:2010:JRM

Carpentieri:2019:OPL

Caron:2008:DPS

Ciriello:2007:ARS

Cooperman:2003:UTC
Gene Cooperman, Henri Casanova, Jim Hayes, and Thomas Witzel. Using TOP-C and AMPIC to port large parallel applications to the Computational Grid. Future Generation Computer Systems,


REFERENCES

Camacho:2018:BAC

Casola:2013:CAS

Chen:2010:DBF

Castiglione:2018:CBD

Chang:2018:ITB
REFERENCES


REFERENCES

(Castiglione:2017:SGC)

(Cappello:2005:CLS)

(Conti:2018:ITS)

(Choo:2016:CCT)

(Campa:2014:PPH)
Curry:2019:RTL

Carniani:2016:UCC

Cui:2018:ABC

Costa:2019:NPC

Crisci:2005:PCA
Chu:2003:RMC


Chen:2015:UIM


Chalermwat:2001:PGB


Collette:1994:SSC


Chemodanov:2019:AAA


Chiu:2009:SST

Corradi:2014:VCR


Cui:1993:SDU


Curti:2005:ARH


Celesti:2019:ASM


Carretero:2003:HDS


Castano:2016:CCC

Silvana Castano, Alfio Ferrara, Lorenzo Genta, and Stefano Montanelli. Combining crowd consensus and user trustworthiness for managing collective tasks. *Future Generation Computer Systems*, 54(??):378–388, Jan-


[CGBAP18] Jesus Carretero, Javier Garcia-Blas, Gabriel Antoniu, and Dana Petcu. New directions in mobile, hybrid, and hetero-

Calderon:2012:EVC


Castiglione:2014:EMF


Coveney:2010:LSC


Chang:2004:TSSa

REFERENCES

0167-739X (print), 1872-7115 (electronic).

Chang:2008:MPD


Cotelo:2010:RGG


Church:2015:EHS


Cannataro:2007:UOP


Corbellini:2018:DND


Cicirelli:2019:IMA

Franco Cicirelli, Antonio Guerrieri, Alessandro Mercuri, Giandomenico Spez-

Caggianese:2018:ESI


Choudhary:2018:GBH


Comito:2009:SOS


Cicirelli:2017:EBP


Cornubert:1995:BAS

references

Chang:2014:CBI


Chandra:2015:BAN


Chang:2017:PAO


Chen:2013:CQS


Chen:2013:UAS


Chen:2014:HOF

Mu-Yen Chen. A high-order fuzzy time series fore-

Chen:2018:TCA


Chengzheng:1991:PPO


[CHK98]

Chang:2004:MES


[CHJ+04]

Chang:2004:MES


Casey:2010:VAT

Chang:2011:SSF

Choi:2004:PTA

Chen:2011:SEI

Chen:2018:CHT

Castro:2018:ADC

Chvalovsky:1987:KPB
REFERENCES


Chen:2018:ARH

Chen:2013:SOV

Chung:2018:ARA

Chao:2015:CLM

Chang:2019:GTS
Jinyong Chang, Yanyan Ji, Maozhi Xu, and Rui Xue. General transformations from single-generation to multi-generation for ho-

Chen:2000:ESL


Chen:2000:ESL

Cherin:2006:SCS


Cerin:2006:SCS

Chang:2004:ASM


Chang:2004:ASM

Cox:2004:ASC


Chapin:1999:RML

Chiu:2006:DSD


Chiu:2006:DSD

Cox:2004:ASC

Dennis D. Cox, Petr Klouček, and Daniel R.


REFERENCES

Chen:2018:ECC

Clark:2011:CTU

Chen:2014:SBO

Carie:2018:HDC

Chang:2018:RBM

Crispo:2000:WST
Bruno Crispo, Peter Landrock, and Václav Matyáš, Jr. WWW security and trusted third party services. *Future Gener-
REFERENCES


Chetsa:2014:EPC

[CLP+14] G. L. Tsafack Chetsa, L. Lefèvre, J. M. Pier-son, P. Stolf, and G. Da Costa. Exploiting performance counters to pre-
dict and improve energy performance of HPC sys-
DEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic). URL http://

Carlini:2016:DMR

[CLR16] Emanuele Carlini, Alessan-
dro Lulli, and Laura Ricci.
dragon: Multidimensional range queries on dis-
tributed aggregation trees. *Future Generation Com-
puter Systems*, 55(??):101–
115, February 2016. CO-
DEN FGSEVI. ISSN 0167-
739X (print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X15001556.

Chen:2018:IBB

[CLR18] Long Chen, Xiaoping Li, and Rubén Ruiz. Idle block based methods for cloud workflow scheduling with preemptive and non-
preemptive tasks. *Future Generation Computer Sys-
tems*, 89(??):659–669, De-
cember 2018. CODEN FG-
SEVI. ISSN 0167-739X (print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X18300761.

Cai:2017:DBD

Zhicheng Cai, Xiaoping Li, Rubén Ruiz, and Qianmu Li. A delay-based dy-
namic scheduling algo-

rithm for bag-of-task work-
flows with stochastic task execution times in clouds. *Future Generation Com-
puter Systems*, 71(??):57–
72, June 2017. CODEN FG-
SEVI. ISSN 0167-739X (print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X17300870.

Cai:2018:PFS

Zhicheng Cai, Xiaoping Li, Rubén Ruiz, and Qianmu Li. Price forecasting for spot instances in cloud computing. *Future Generation Computer Sys-
tems*, 79 (part 1)(??):38–
53, 2018. CODEN FG-
SEVI. ISSN 0167-739X (print), 1872-7115 (elec-
tronic). URL https://
www.sciencedirect.com/
science/article/pii/S0167739X17312621.


Carvalho:2017:CPI

Curcin:2014:IIP

Celledoni:2003:CFL

Chianese:2017:AEB


Cacciari:2012:SBM


Cui:2018:RDF


Carmichael:1992:PPP


Cruz-Neira:1998:MVR


Carneiro:2017:QEE

Carneiro:2019:PCT


Ciobanu:2019:DCA


Chadwick:2003:PXR


Cheng:2010:RFG


Cooper:1986:ESM


Arcangelo Castiglione, Raffaele Pizzolante, Alfredo De Santis, Bruno Carpentieri, Aniello Castiglione, and Francesco Palmieri.
REFERENCES


Chang:2005:NME


Ciechanowski:2019:SUV


Cotroneo:2016:ARC


Carneiro:2018:UBF


Candel:2018:AMC


REFERENCES


Zitao Chen, Wei Ren, Yi Ren, and Kim-Kwang Raymond Choo. LiReK: A lightweight and real-


[CRSdS10] Cannataro:2010:SSB


[CRYG18] Chen:2018:PPB

Clare:1993:IFD


Ciampolini:1996:EPM


Craven:1997:UNN


Chen:2005:AGI


Curran:2009:WMH


Chinnaiah:2012:GRB


[Cui:2013:GEP] Xiaohui Cui, Jesse St.Charles, and Thomas Potok. GPU enhanced parallel computing for large scale data

**Cui:2017:UMD**


**Cannataro:1991:PLS**


**Cannataro:1992:HLC**


**Carrington:2006:PPF**


**Chen:2018:SIA**

Jiageng Chen, Chunhua Su, Kuo-Hui Yeh, and Moti Yung. Special issue on advanced persis-


Casas:2017:BSD


Cannataro:2002:DDM


Congiusta:2007:DDM


Cannataro:2008:SSS


Chen:2008:LSA


Calheiros:2012:CSE


REFERENCES

Chmaj:2013:PCS

Chang:2016:MCC

Cao:2004:FUC

Castain:2008:ORT

Chen:2016:CGB

Cheng:2018:CSA
Jiatang Cheng, Lei Wang, Qiaoyong Jiang, Zijian Cao, and Yan Xiong. Cuckoo search algorithm with dynamic feedback information. *Future Gener-
REFERENCES


Cai:2018:ENC


Chen:2014:CRS


Chapin:1999:NMS


Cao:2019:CLN


Cheng:2018:HCE


Cai:2018:ENC


Chen:2014:CRS


Chapin:1999:NMS


Cao:2019:CLN


Cheng:2018:HCE

Chen:2013:HMS  [CWW+13]


Chen:2016:MCC  [CWW+16]


Chen:2017:IDI  [CWZ+17]


Cheng:2018:ECR  [CXC+18]


Castane:2018:OHR  [CXDM18]

REFERENCES


Chen:2017:ETS


Chang:2018:RDM


Chenxi:1988:SMS


Chengzheng:1990:FBP


Chi:2001:LBD


Cha:2012:SFV

REFERENCES

Chenxi:1990:IPD

Chang:2004:TSSb

Chen:2019:EMB

Cai:2005:FMH

Chen:2015:TTS

Chen:2012:NMM
Xi Chen and Jiashu Zhang. A novel maximum margin neighborhood preserving embedding for face recognition. *Future Generation Computer Sys-


Andrea Dessi and Maurizio Atzori. A machine-learning approach to ranking RDF properties. *Future*
REFERENCES


[Dal06] J. T. Daly. A higher order estimate of the optimum checkpoint interval

**Deris:2008:ERD**


**Datta:2003:KSM**


**deBoer:1990:CTL**


**Dzwinel:1999:MPV**


**Demuynck:1998:VPS**


**Dosanjh:2014:EDS**

DeFanti:2003:IIV


Durfee:2014:UHS


Dorigo:2000:AAS


Dupuis:2000:OOA


DOrazio:2017:TCS


Diro:2018:DAD

Abebe Abeshu Diro and Naveen Chilamkurti. Distributed attack detection

**DOrazio:2018:CIS**


**Dou:2013:CBF**


**Davoli:2019:DEP**


**DOC18b**

D’Orazio:2018:CIS


**Dou:2014:MSN**


**Davoli:2019:DEP**


**Coutinho:2015:OVM**

Rafaelle de C. Coutinho, Lúcia M. A. Drummond, Yuri Frota, and Daniel

Ding:2019:SSA


Deonarine:2003:IML


Dawson:2000:KMN


Danger:2015:ACV


Duan:2017:EAS

DOnorioDeMeo:2007:HPG

deCarvalho:2018:ESR

Dreyfus:1986:CSO

Dhaene:2005:SOM

Dimkovski:2007:KTT

Dorronsoro:2014:SIE
[DDB14] BenaBor NONcorno, Grégoire Danoy, and Pascal Bouvry. Special issue: Energy-efficiency in large distributed computing architectures. Future Gen-
DeSensi:2018:SSA


Dalman:2013:CMM


Dormann:2001:FAT


Dimov:2008:SSA


Dodonov:2010:NAD

Diaz-Diaz:2017:BMA


Danelutto:1992:MDS


Djordjevic:2007:DSP


Decker:1996:MUR


Dorigo:2000:GEA


DeFanti:2009:STG

REFERENCES


Dekker:1986:IBD


DelBuono:2006:DAS


Domingo-Ferrer:1997:MAS


DeFarias:2017:CDE


DeRose:2008:ASU


Deshpande:2000:VEM


Dekker:1988:OLD


Deves:1992:AES


Dogra:2018:ODS


Dodero:2017:TBI


Djorgovski:2016:RTD


REFERENCES


[Din99] Chris H. Q. Ding. High Performance Fortran for practical scientific algorithms: an up-to-date evaluation. Future Generation Computer Sys-


Dini:2003:SAE

Dukaric:2013:TUT

Du:2019:ABD

Dai:2015:TVD

Din03

Dukaric:2013:TUT

Dj03

Djakic:2013:TUT

Dj13

Dj:2013:TUT

Du:2018:RDL

Deng:2018:SHO

Dai:2015:TVD

[DK17]


[DK00]


[DKD08]


[DK14]


[dKdOS03]

Diehl:2000:VPA

[DK00]

Deshpande:2017:TSL

[DK17]

Diehl:2000:VPA

[DK00]

DiMartino:2008:SSG

[DKD08]

Duong:2014:FTR

[DK14]

deKergommeaux:2003:FPV

[dKdOS03]
REFERENCES


REFERENCES

Dong:2004:HXS


[DL04]

deLlano:2010:SNN


[dLB10]

Díaz-Lopez:2016:DCM


[DLDTGMMP16]

de-la-Fuente-Valentín:2014:TSE


[dlFVPShL+14]

Dong:2017:EED

REFERENCES


(print), 1872-7115 (electronic).


Dudkiewicz:2005:CBM


Dessi:2016:CCB


DHeygere:1993:QDS


Dongarra:1997:CTH


Dongarra:2004:SNA


DiStefano:2009:PSQ

[DMZ09] Antonella Di Stefano, Giovanni Morana, and Daniele Zito. A P2P strategy for...
REFERENCES


Rafael de Oliveira Werneck, Waldir Rodrigues de Almeida, Bernardo Vecchia Stein, Daniel Vatanabe Pazinato, Pedro Ribeiro Mendes Júnior, Otávio Augusto Bizetto Penatti, Anderson Rocha,

[DP19]

DelBuono:2003:GNA


[DP03a]

Dieci:2003:CE


[DP03b]

Dessi:2017:SSA


[DP17]


[Din:2019:SHM]


[DPBK16]

Anna Divoli, Domenico Potena, Claudia Diaman-
REFERENCES


Dao:2019:RAR


Duan:2014:SCG


Dhem:1997:LCA

J. F. Dhem and J. J. Quisquater. Lossless compression algorithms for smart cards: A progress


REFERENCES


Debroy:2019:SIS


daSilva:2019:CLM


Dumic:2018:EPR


Deboosere:2011:GDM


daSilva:2013:SHW


Donato:1999:MMD


Dabbagh:2014:FDI


Machado:2017:EHC

REFERENCES

CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

DeFalco:2014:TNF


Diaz:1993:PBR


Desprez:1994:LLO


Dongarra:2008:SSC


DiModica:2016:MSS


Duato:1994:IEV


Duby:1991:EIT

Jean-Jacques Duby. The evolution of information technologies in the 90s and
Dieci:2003:OIB


Devi:2013:SAA


Depoorter:2014:ARC


Desmet:2012:DSO

REFERENCES


REFERENCES

Doukidis:1987:DRE


Deng:2011:LAT


Dai:2018:GQQ


Dougherty:2012:MDA


Dobre:2014:ISB


Deng:2014:CCC

Dou:2018:RCA


Dupuis:2004:LBM


Du:2018:MIM


Dorier:2016:EFM


Dantas:1998:ESM


Dandamudi:2004:PAS


Absalom E. Ezugwu and Aderemi O. Adewumi. Soft

El-Alfy:2016:SFF


Elshenawy:2018:TSO


Elhoseny:2018:HMI


Esposito:2018:OTP


Esiner:2019:TFA


Eavis:2010:POS


Esteban:2013:DAE


Enes:2018:BRT

REFERENCES


Eirinaki:2018:RSL


Elmroth:2010:DUL


Ellison:2000:PSK


Elnroth:2010:TFD


Ebadi:2011:NDH


El-Khalili:2000:STW


REFERENCES


Kathleen Ericson and Shrideep Pallickara. Adapt-

Ericson:2013:PHD


Evangelidis:2018:PMV


Eres:2005:IUG


Erdil:2013:ACR


Etiemble:1994:PAL


Emad:2006:AAN

Nahid Emad, S.-A. Shahzadeh-Fazeli, and Jack Don-

Erickson:2017:IRA


Evripidou:2001:PMP


Ebrahimi:2017:AMH


Elmroth:2008:GRB


Exposito:2013:PAH


Jordán Pascual Espada, Ronald Yager, and Zhiyong Yu. Communications, collaborations and...

Fiore:2011:SSD

Fudzee:2011:QBA

Fahd:2018:CPA

Fahringer:1998:SAT

Feig:1999:LSD

Fernandez-Ares:2017:SRT
A. Fernández-Ares, A. M. Mora, M. G. Arenas, ...


REFERENCES


**Fagg:2002:HFT**


**Farsandaj:2012:SGB**


**Fadika:2014:MUM**


**Ficco:2017:OTA**


**Furtado:2007:PPS**


**Ficco:2018:CRG**

Massimo Ficco, Christian Esposito, Francesco Palmieri, and Aniello Castiglione. A coral-reefs and game theory-based approach for optimizing elas-


Fu:2019:WAO


Fito:2014:BDM


Folino:2010:GPS


Fito:2014:BDM


Fernandez:2007:ETC

José-Jesús Fernández, Inmaculada García, Jose-María Carazo, and Roberto Marabini. Electron tomography of complex biological specimens on the Grid.
REFERENCES


Fernandez:2003:FPA

Feng:2013:EDM

Faro:2011:MMD

Falchi:2009:DBD

Fang:2019:CTA

Fan:2013:CPP
Chun-I Fan and Shi-Yuan Huang. Controllable privacy preserving search based on symmetric pred-

**REFERENCES**


**Fowler:1995:BRI**


**Fowler:1995:PTD**


**Floros:1999:PRM**


**Floros:1999:PRM**


**Fan:2015:IPF**


**Feng:2018:ABB**


Muhammad Farhan, Sohail Jabbar, Muhammad Alam, Mohannad Hamoudeh, Mudassar Ahmad, Shehzad Khalid, Murad Khan, and Kijun Han. IoT-based students interaction framework using attention-scoring assessment in eLearning. *Future Generation Computer Systems*, 79 (part 3)(??):909–919, February 2018. CODEN FGSEVI. ISSN 0167-
REFERENCES


Ian Foster and Carl Kesselman. The Globus project:

**[FK11]**


**[FKOC11]**


**[FK12]**


**[FKT14]**


**[FLN+18]**

Jingcheng Fu, Jianwen Li, Yawei Niu, Guanghui Wang, and Jianliang Wu. Multipolarization versus unification in community networks. *Future Generation Computer Systems*, 83(??):454–460, June 2018. CODEN FG-
REFERENCES


[FMN+17] I. Farris, L. Militano, M. Nitti, L. Atzori, and A. Iera. MIFaaS: a mobile-IoT-federation-as-a-service model for dynamic cooperation of IoT


[Fox:2013:RWU] Geoffrey Fox and Shrideep Pallickara. Recent work in utility and cloud com-
REFERENCES

Fortino:2014:ICC

Facin:2004:NLL

Filelis-Papadopoulos:2018:FSL

Fu:2019:SES

Furfaro:2018:CBP
REFERENCES

Fortino:2014:BSA


Ficco:2018:ARP


Fairman:2009:ESM


Fernandez-Quiruelas:2015:LSC


Fortino:2008:UPG


Frattolillo:2008:SDM

Ferreira:2014:AIC


Fredriksson:1984:I


Frenkel:1994:CCC


Frincu:2014:SHA


Firouzi:2018:ITB


Filho:2019:PPA

REFERENCES

Feigenbaum:1993:JNF

Fayyad:1997:DMK

Folino:2007:ATB

Fugkeaw:2018:SSA

Frankel:1988:SON

Farias:2018:RBP
Fysarakis:2018:XCD


Fahringer:2002:DRW


Fylaktopoulos:2018:DMP


Fei:2019:CDS


Fiolet:2007:CMD


Fahad:2014:PPP


Fki:2017:AFC


Fugini:2016:WBC


Fahad:2014:OSF


Fensel:2017:CAE


Fernandez:2014:RDS


Uwe Freiwald and Jörg R. Weimar. The Java based cellular automata simulation system — JCASim. Future Generation Computer Systems, 18(7):995–
REFERENCES

1004, August 2002. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

[Fu:2013:GSA]

[Fu:2013:HAS]

[FX07]

[Fan:2010:MPP]

[Feng:2014:MND]

[Feng:2018:DDA]
Yixiong Feng, Zhifeng Zhang, Guangdong Tian, Zhihan Lv, Shaoxu Tian, and Hongfei Jia. Data-driven accurate design of variable blank holder force
REFERENCES


Hervé Gallaire. ECRC: a joint industrial research centre. *Future Generation
REFERENCES


**Garg:2018:CCB**


**Gonzalez-Aparicio:2018:TTS**


**Gupta:1999:EIM**


**Goscinski:2010:TDA**


**Goderis:2009:HCM**


**Ge:2018:BDI**

Mouzhi Ge, Hind Bangui, and Barbora Buhnova. Big data for Internet of Things: A survey. *Future
Granlund:2000:DWB


Goiri:2012:EEM


Gu:2018:DTF


Gubbi:2013:ITI


Goher:2018:CPC

Syeda ZarAfshan Goher, Peter Bloodsworth, Raihan Ur Rasool, and Richard McClatchey. Cloud provider capacity augmentation through automated

**Garg:2010:TCT**


**[GBT87]**


**Gurd:1987:PID**

**[GCBM17]**


**Gesing:2017:BAL**


**Gupta:1994:OIP**


**Guynup:2000:ACD**


**Ghosh:2016:STC**

[GBY16]
REFERENCES

García-Carballeira:2007:GPF

Gong:2018:MIL

García-Crespo:2010:SSL

Gosman:2018:CFU

Guidec:1998:PIS

Gohar:2018:CBG
[GCK18] Moneeb Gohar, Jin-Ghoo


Soguy Mak-Karé Gueye,

Giorgi:2004:TIC


GE90


GdVC10


GEAR13


[GE90]


GioGi:2010:ALC

[GEAR13]


Giot:2013:FCP


Grasa:2006:VTG

Gu:2018:GCD

Gupta:2018:HDB
Shashank Gupta, B. B. Gupta, and Pooja Chaudhary. Hunting for DOM-based XSS vulnerabilities

Gonzalez-Granadillo:2018:DRM


Grossman:2003:ESU


Grossman:2005:TGW


Grossman:2006:DMM


Guna:2019:IVC

[GGH+19] Joze Guna, Gregor Gersak, Iztok Humar, Jeungeun Song, Janko Drnovšek, and Matevž Pogačnik. Influence of video content type on users’ virtual reality sickness perception and

Gentzsch:2013:HPC


Gesbert:2010:BSP


Guo:2018:RPC


Groeper:2009:CAB


Gurini:2018:TPP

REFERENCES

Ghadiri:2017:BFP


Gutierrez-Garcia:2013:FHA


Garcia-Galan:2016:ACS


Gibson:2009:DPI


Genge:2019:ESA

Béla Genge, Piroska Haller, and Adrian-Vasile Duka. Engineering security-aware control applications for data authentication in smart industrial cyber-physical systems. *Future Generation Computer


REFERENCES


[GKIK18] M. Gribaudo, M. Iacono, and M. Kiran. A performance modeling framework for lambda archi-

**Gilmore:1985:MAE**


**Giloii:1985:AOO**


**Gillan:1994:FPC**


**Gribaudo:2016:IRP**


**Ghafarian:2015:CAD**


**Gan:2018:FFG**


Goel:2018:BMC


Gao:2005:NNE


Giering:2005:GED


Grzonka:2015:ANN


Gogouvitis:2012:WMS


Golby:1995:ICV

D. Golby and M. A. Leschziner. Implementa-

Gervasi:2004:SPP


Gervasi:2004:SPP

Guan:2004:MAM


Gervasi:2004:SPP

Gava:2005:SAB


Gervasi:2004:SPP

Garcia-Luna-Aceves:1988:RMV


Guo:2018:KAA


Gregoretti:2008:MGE

Gallard:2012:ANG


Ghosh:2013:MPA


Gonzalez-Lopez:2018:DNN


Groller:1999:VDS

Eduard Gröller, Helwig Löffelmann, and Rainer Wegenkittl. Visualization of dynamical systems.
REFERENCES


Guo:2017:MMM

Groth:2011:RDS

Gravvanis:2007:SSG

Greenberg:2005:IMG

Guerrera:2019:RSC


[GML99] Gretchen Greene, Brian McLean, and Barry Lasker. Development of the astronomical image archive and catalog database for pro-


**Gidding:2013:ADC**


**Garcia:2017:MDP**

REFERENCES

Goy:2016:ODC


Gravina:2017:CBA


Gravvanis:2018:SIR


Gravvanis:2009:SSD


Gunupudi:2017:CSC


**Garatani:2001:GHP**


**Ghanbari:2016:MOM**


**Gil:1998:ABH**


**Gollmann:2000:NPO**

[Go00] Dieter Gollmann. New paradigms — old paradigms. *Future Generation Com-
REFERENCES

Goossens:2001:HIP


Goossens:2002:TIC


Gorlatch:2002:MPS


Grandinetti:2011:WBP


Giunchiglia:1996:TPC

Fausto Giunchiglia, Paolo

Gamvroulas:2000:SBN


Goedbloed:1994:MSL


Garcia-Penalvo:2014:ILR


Gonzalez-Pardo:2017:ABC


Ghosal:2005:PCF

REFERENCES

ISSN 0167-739X (print), 1872-7115 (electronic).

**Grandinetti:2013:AIC**

**Guzzetti:2017:PAE**

**Gai:2018:MBD**

**Gai:2018:PPM**


**Goswami:2014:FFD**
Gaurav Goswami, Brian M. Powell, Mayank Vatsa, Richa Singh, and Afzel Noore. FaceDCAPTCHA:
Gehring:1996:MFM


Grigoras:2007:CEM


Gentzsch:2009:SSD


Grant:1992:RMA


Granlund:2001:BWW


Graves:2015:TRC


Glatard:2017:SAI

Tristan Glatard, Marc-Étienne Rousseau, Sorina Camarasu-Pop, Reza Adalat, Natacha Beck, Sanir Das, Rafael Ferreira da Silva, Najmeh Khalili-Mahani, Vladimir Korkhov, Pierre-Olivier

Gao:2005:AGJ


Giuliani:2011:GES


Gudigar:2019:AMA


[GSN18] B. B. Gupta, A. K. Sangaiah, Nadia Nedjah, Shingo Yamaguchi, Zhiyong Zhang, and Michael Sheng. Recent research in computational intelligence paradigms into security and privacy for online so-

**Gomes:2017:ECM**


**Glatard:2010:LSF**


**Guo:2017:ODA**


**Gracia-Tinedo:2018:GWY**


**Gad:2018:IRU**

Ramadan Gad, Muhammad Talha, Ahmed A. Abd

Guo:2017:ODF


Goudo:2014:GFS


Gueron:2001:DAS


Gurd:1985:MDM


Gutjahr:2000:GBA


REFERENCES


Gadiraju:2016:BPM

Gerofi:2013:UMC

Grosso:2018:EIS

Garcia-Valls:2014:LCR

Guo:2001:DDS

Guo:2016:PEF
Rui Guo, Hongzhi Wang, Mengwen Chen, Jianzhong

Guan:2003:MCM


Gommans:2009:MDL


Gao:2012:SCN


Guo:2018:BFT


Guizhong:1990:OMC

REFERENCES

Guan:2004:PNG


Guo:2018:SHG


Gao:2016:SCP


Gunarathne:2013:SPC


Gassler:2014:GCS


Gong:2018:RAM


REFERENCES

[Hamid:2018:KDS]

[Haber:2005:SSS]

[Hutam:2006:DCV]

[Heil:1992:DPN]

[He:2003:QTH]
Hanford:2016:INP


Haupt:1999:WBM


Halvorsen:1988:SSS


Hamid:2017:MDA


Hossain:2018:CAM


[HB98] Alfons G. Hoekstra and


Zeger W. Hendrikse, Adam S. Z. Belloum, Philip M. R. Jonker, Bert van Eijkel, Ron M. A. Heeren,


Xiao Han, Ángel Cuevas, Noël Crespi, Rubén Cuevas, and Xiaodi Huang. On exploiting social relationship and personal background for content discovery in P2P networks.
Huynh:2019:ECO


Hsu:2007:PEP


Hu:2017:TPS


He:2014:DSA


He:2014:ICN

Huang:2018:BBF


Huang:2018:CCH


He:2017:DPC


Halepovic:2005:JPM


Haug:1994:TVC

E. Haug, J. Dubois,
REFERENCES


Hu:2018:CIP


HaddadPajouh:2018:DRN


Harshan:2016:DEC


Hassan:2019:HRT

Mohammed K. Hassan, Ali I. El-Desouky, Sally M. Elghamrawy, and Amany M. Sarhan. A hybrid real-time


REFERENCES


Huang:2016:NVN


Huda:2018:HMF


Habiba:2018:CBU


Hazas-Izquierdo:2006:OUF

Raúl G. Hazas-Izquierdo, Salvador Castañeda-Ávila, Luis M. Farfán-Molina,


Hawick:1999:DES


Halvorsen:1988:PSD


Hameed:2018:TFV


Kim:2011:SCC


Kim:2009:SSG


Hussain:2016:OBM

Iftikhar Hussain, Luk Knapen, Stéphane Galland, Ansar-Ul-Haque Yasar, Tom Bellemans, Davy Janssens, and Geert Wets. Organizational-based model.

**Hoisie:2006:SSL**


**Hwang:2010:MRO**


**Herrero:2010:SSG**


**Kim:2017:SCI**


**Hsu:2018:CCA**


**Hidaka:1994:APM**

Yasuo Hidaka, Hanpe Koike, and Hidehiko Tanaka. Architecture of parallel


[Huang:2012:ESS] Hong Huang, Jianwei Li, and Jiamin Liu. Enhanced semi-supervised local Fisher discriminant analysis for face recog-
REFERENCES


REFERENCES

442


Yuguang Huang and William F. McCall. A two-way BSP algorithm for tridiagonal


Hossain:2018:ICSH


Hallawi:2017:MCC


Hwang:2006:HBC

REFERENCES


[HMS15] Jan Hidders, Paolo Missier, and Jacek Sroka. Recent advances in Scalable Workflow Enactment En-

Hu:2014:PAT


Hu:2019:IFI


Hirsch:2018:ACC


Herrero:2013:RMI


Hlavacek:2006:WSD

REFERENCES

Hassanzadeh-Nazarabadi:2018:DLA


Hascoet:2005:RAR


Hu:2018:UFI


Hovland:2005:MAD


Hellwagner:2002:VAC


Hachaj:2017:CTT

REFERENCES


Hofinger:2003:LRR

Hollnagel:1993:VSA

Hirabayashi:2004:LBS

Howe:1991:KBS

Hey:1992:GE

Hernandez:2018:UML

Huang:2008:MBG
Peijie Huang, Hong Peng, Piyuan Lin, and Xuezhen


[HPP+18] Shi-Zhuhan Han, Wen-Tsao Pan, Ying-Ying Zhou, and Zong-Li Liu. Construct the prediction model for China agricultural output value based on the optimization neural network of fruit fly optimization al-
REFERENCES

Huang:2007:RTU

Huang:2010:MPA

Han:2016:SSC

Han:2014:GTK

Hyväläma:2004:ELB

Hirano:2006:FFD
Akira Hirano, Luc Renambot, Byungil Jeong, Jason Leigh, Alan Verlo, Venkatram Vishwanath, Rajvikram Singh, Julieta Aguilera, Andrew Johnson,


Vitor Horta, Victor Ströele, Regina Braga, José Maria N.
REFERENCES


Hayat:2019:SGB


Hsu:2015:LLA


Huai:2007:RRH


Han:2013:IBD


Holub:2013:GAD

Petr Holub, Martin Srom, Martin Pulec, Jirí Matela, and Martin Jirman. GPU-accelerated DXT and JPEG compression schemes for low-latency network transmissions of HD, 2K, and 4K video. *Future Generation Computer Sys-
REFERENCES


[Hagerup:1992:FHL]

[Huang:2000:HSE]

[Hui:2017:MRB]

[Hilal:2018:DSM]

[Hsu:2014:IBD]


Hummel:1992:WHS


Hassan:2018:RHA


Hofman:1992:DHS


Huper:2003:NAI


Hossain:2017:CBM


Huang:2018:FCB


Huang:2018:IQE


He:2018:NBA


Hu:1990:ADC

[HXL90] Yueming Hu, Zhiliang Xie, and Xinda Lu. Approaches to decentralized control of job scheduling for homogeneous and heterogeneous parallel computer systems. [HXY13]

Huang:2013:ECF

Jun Huang, Yanbo Xue,

Holmgren:2003:SNG


Han:2009:NGR


Huang:2004:STI


Huang:2018:PIB


Hu:2018:SSS

REFERENCES


[HZC+08] Songqiao Han, Shensheng Zhang, Jian Cao, Ye Wen, and Yong Zhang. A resource aware software partitioning algorithm based on mobility constraints...

Hao:2010:WSD


Hou:2019:DIR


Han:2018:ERA


He:2019:LSC


Han:2018:ERA
REFERENCES


[HZZ14] Ligang He, Deqing Zou,


Iqbal:2011:ARP


Imran:2019:TOS


Indrusiak:2001:BWI

Leandro Soares Indrusiak and Ricardo Augusto da Luz Reis. Best of Websim99: 3D integrated circuit layout visualization using VRML.

Iglesias:2016:ITC


Iglesias:2004:FNB


Islam:2012:GUE

Salekul Islam and Jean-Charles Grégoire. Giving users an edge: a flexible


Imran:2019:ETS


Ierotheou:2003:UIP


Islam:2012:EPM

Sadeka Islam, Jacky Keung, Kevin Lee, and Anna Liu. Empirical prediction models for adaptive resource provision-

Iosup:2008:GWA


Inui:1989:DMB


Iannello:1990:PSD

G. Iannello, A. Mazzeo, C. Savy, and G. Ventre. Parallel software development in the DISC programming environment. *Future Generation Computer Sys-

[Imran:2019:ETS]

[IJCR19]

[ILJ+08]

[IJLC03]

[IMKB89]

[IKLL12]

[IMSV90]
Inamuro:2004:NSB


Islam:2018:REP


Ibrahim:2016:GEC


Imbernon:2018:ELS


I ellas:2003:MSM

REFERENCES


REFERENCES

Javed:2016:CMM

Jin:2008:SES

Joung:2009:OOB

Juve:2013:CPS

Jiang:2015:TSR
REFERENCES


Jugravu:2005:JPM


Janzadeh:2009:SCB


Jiang:2017:DFA


Jatoth:2018:QAB


Jeon:2016:MCS


Jakubowska:2010:VCS

Jeon:2018:PGT


Jo:2006:IHV


Janicki:1992:IPC


Joe:2017:EDI


Jan:2019:PBM


Joe:2017:OOP

Janssen:1995:PVP


Jenq:1998:FBA


Jia:2003:PMT


Jia:2008:SSS


Jeong:2014:ITP


Jiang:2018:AHP


Jin:2019:DLA


Jin:2013:FTL


Jung:2000:SSP


Jedari:2017:GTI

Behrouz Jedari, Li Liu, Tie Qiu, Azizur Rahim,

[Ji:2018:MOL]


[Jian:2018:INB]


[Jiang:2018:FNF]


[Jakobs:2018:TLA]


[Jacob:2003:PBC]


Caroline Japhet, Frederic Nataf, and Francois Rogier. The optimized order 2 method — ap-


[JOH02] William E. Johnston. Computational and data Grids in large-scale science and

**Jonkers:2000:UVE**


**Jarus:2014:RPU**


**Junior:2019:CSO**


**Jebadurai:2018:SRR**


**Janetschek:2017:WRE**

**Joita:2007:CMD**


**Jagodic:2011:EMU**


**Jansen:1989:PBB**


**James:2012:SSQ**


**Jin:2013:PCU**


**Jiang:2015:SSS**

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Jovanov:1999:EAT

Jin:2012:HAS

Jin:2019:CEP

Jin:2018:CPA

Jovanov:1999:EAT

Jovanov:1999:EAT

Jin:2012:HAS

Jin:2019:CEP

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-

Javadi:2013:CSP
Bahman Javadi, Ruppa K. Thulasiram, and Rajkumar Buyya. Characterizing spot price dynamics in public cloud environ-


[JXC19] Behrouz Jedari, Feng Xia, Honglong Chen, Sa-


Khanli:2008:AGR


Kalantari:2009:PSS


Katz:2013:RAS


Kolomvatsos:2019:MCO


Kaandorp:1998:GEE


Kalamboukis:1994:CPM


Kamae:1985:VTU


Karpowicz:2018:DIE


Kari:2001:DCV


Kourtesis:2014:SBQ


Kashiwagi:1985:JSS


Kashiwagi:1986:O

H. Kashiwagi. Obituary. *Future Generation
REFERENCES

Kousiouris:2018:IIL


Katsinis:2004:MSM


Kawabe:1992:SQP


Khorshed:2012:SGT


Kumar:1992:GPC


Kotsis:2000:GBC

Gabriele Kotsis and Markus Braun. Graph based characterization of dis-


Pankaj Deep Kaur and


Kienpisheh:2016:RDS

Khernane:2019:OPR


Kokkinos:2011:EDC


Kotapati:2000:BMW


Karnik:2004:CSD


Kacsuk:1999:GGE


Koning:2019:MES


Kabat:2016:HPF


Kuwahara:1985:MIP


Keane:1993:PFS


 REFERENCES


[KH18b] Dongyoung Koo and Junbeom Hur. Privacy-preserving deduplication of encrypted data with

**Khaled:2019:ICF**


**KhG13**


**Kern:2018:SSP**


**Kershaw:2010:SCB**

Khalil-Hani:2013:BEB


Koh:2019:ADC


Hu:2018:PBG


Kabir:2018:NST


Kurozumi:1989:TRP

Khan:2017:DPS


Kumar:2012:CLA


Kido:2016:SBT

[KID+16] Yoshiyuki Kido, Kohei Ichikawa, Susumu Date, Yasuhiro Watashiba, Hirotake Abe, Hiroaki Yamanaoka, Eiji Kawai, Haruo Takemura, and Shinji Shimojo. SAGE-based Tiled Display Wall enhanced with dynamic rout-


Kim:2007:LWK


Kim:2007:SSI


Kim:2014:CAM

REFERENCES


[KFS12] Alexander Kipp, Tao Jiang, Mariagrazia Fugini,

Khachana:2011:RAP


Kukla:1997:ISD


Kacsuk:2000:GED


Kertesz:2010:GNM


Koseoglu:2010:JRN


Khanli:2011:FFR

Kunsemoller:2014:GTA

Krol:2016:SSS

Karatas:2019:FBD

Kumar:2018:FFA

Kaseb:2019:ITI

Kertesz:2014:ISA
A. Kertesz, G. Kecskemeti, and I. Brandic. An interop-

**Kaur:2018:EMP**


**Kandhai:2001:IMR**


**Kajdanowicz:2014:PPL**


**Kovacs:2010:AMT**


**Kim:2007:HPA**

Khan:2013:TSM

Kritikos:2017:TSE

Kritikos:2018:RTS

Koo:2006:NSS

Kim:2009:SDT

Kim:2009:SVN
Kovacs:2011:UPD


Karmakar:2018:EDD


Krawczyk:2000:STC


Kacsuk:2008:SGI


Kovalchuk:2018:DDD

Sergey V. Kovalchuk, Evgeniy Krotov, Pavel A. Smirnov, Denis A. Nasonov, and Alexey N. Yakovlev. Distributed

Kumar:2018:SEL


Kofidis:1999:WBM


Kierzynka:2017:EES


Kolodziej:2014:SEP

REFERENCES


[Kong:2019:STT]
REFERENCES


Kumar:2018:CIB


Kumari:2016:UFM


Kumari:2017:DPS


Kettimuthu:2018:TPD


Kraeva:2001:ATP


Taesik Kim, Hong Min, and Jinman Jung. Vehicular datacenter modeling for cloud computing:
REFERENCES


Korkhov:2009:DWB


Kousiouris:2014:DBB


K:2019:ODL


Kuksheva:2005:SSS


Kessaci:2014:MSL

Kos:2019:CWC


Kovacs:2015:BGC


Knupfer:2006:CMD


Kijsipongse:2010:PPS


Knight:1989:NSD

Doyle D. Knight. Numerical simulation of 3-D shock

**Kalyuzhnaya:2018:TSB**


**Kobayashi:1992:POS**


**Kollman:1989:GCC**


**Kolomvatsos:2018:IUD**

Kostas Kolomvatsos. An intelligent, uncertainty driven management scheme for software updates in pervasive IoT applications.
Komatsu:1989:UES

Komiya:1989:APC

Kranjc:2017:COW

Koski:1995:STL

Kosch:2000:MOO

Khalil:2018:ETA
REFERENCES

Kowalski:1984:SEA

Kowalski:1985:SEA

Kacsuk:2000:LEM

Kim:2012:SHM

Kushwaha:2018:LBB

Khan:2017:TSS

Karonis:2003:HRR
Nicholas T. Karonis, Michael E.


King:2001:AIS


Khanli:2012:NST


Kobayashi:2002:CVD


Kanbayashi:2011:DAS


Knepper:2017:FOS

Kozhirbayev:2017:PCC

Kanagaraj:2018:SAR

Khan:2018:ISR

Khonsari:2003:AMA

Kumar:2018:WPC

Kumar:2018:MPA
Kiasari:2008:AMP


Katsaros:2013:SFE


Kitamura:2011:BLV


Kryza:2007:EGO


Kryza:2007:GOM


Kakarontzas:2011:ACC

G. Kakarontzas, I. K.

Katsaros:2016:EFE

Kim:1992:OOD

Kacsuk:2008:SSG
Koksal:2017:ODD


Kyriazis:2008:IWM


Kozsik:2018:FCR


Krieger:2017:BOS


Kecskemeti:2011:AVA


Kranzlmuller:2003:EDL

REFERENCES

ISSN 0167-739X (print), 1872-7115 (electronic).


[KV09] Panagiotis Kokkinos and Emmanouel A. Varvarigos. A framework for providing hard delay guarantees...

[Kokkinos:2012:SER]

[Kumar:2017:EAC]

[Kvartalnov:2018:MAB]

[Karpenko:2015:AGW]
Kiljan:2018:ETA


Kimball:2016:LBD


Kamruzzaman:2018:ASN


Kaiiali:2013:GAG


Kolodziej:2011:EGB


Kong:2016:UTC

Xiangjie Kong, Zhenzhen Xu, Guojiang Shen, Jinzhong Wang, Quyuan Yang, and Benshi Zhang. Urban traffic congestion...

**Kato:1985:OND**

**Kwon:2004:GDR**

**Kelarev:2019:MPA**

**Katz:2014:SIE**

**Katz:2017:LER**

**Khan:2011:CRB**
Muhammad Khurram Khan.


REFERENCES

FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


Lang:2000:CSW

Liu:2007:FTP

Liu:2010:SJC

Liu:2015:SEC

Lizcano:2016:WCE


Lip:2016:WCE

Liang:2015:SEC


REFERENCES

Laue:1992:AAB

Laure:2001:OJF

Lan:2003:ECA

Li:2009:MBS

Lorenz:2009:JMS

Losada:2019:LRR
REFERENCES


0167-739X (print), 1872-7115 (electronic).

**Li:2008:SKM**


**Lin:2001:GEC**


**Lu:2003:DIF**


**Latt:2004:VCM**


**Li:2005:SAA**


**Liu:2013:SPV**


[LCCM18] Daniela Loreti, Federico Chesani, Anna Ciampolini, and Paola Mello. A dis-
Lara-Cabrera:2019:SAR

Lai:2011:CCB

Liu:2018:MBS

Li:2014:DPE

Lin:2014:IQA


Wenjuan Li, Jian Cao, Jiyi Wu, Changqin Huang,

Liang:2017:DSS


Liang:2019:CMO


Lindemann:2006:UCM

REFERENCES


Lee:2004:VSQ


Lee:2012:SST


Lenz:2001:MPS


Lent:2016:ECC


Leopold:1998:ASD


Leopold:2001:SSS

Liu:2019:DVP


Lanteri:1995:UCC


Loriot:1995:FFC


Lee:2001:BMR


Liu:2015:UPE


Li:2017:EVI


REFERENCES


[Larkin:1997:LSD]

[LGH97]

Li:2017:ECM

[LGL+17]

Luchnikov:2002:VDA

[LGW07]

Lloyd:2007:IBC

[LGW07]

Li:2007:MPD
REFERENCES

ISSN 0167-739X (print), 1872-7115 (electronic).

Li:2017:RID


Li:2016:SCA


Liu:2018:TSB


Liu:2007:DBP


Laure:2013:P


Liao:2013:NMS

REFERENCES


Libeskind-Hadas:1995:OBF

Lounis:2016:HCS

Lv:2018:SSU

Lee:2018:CLM

Lin:2003:NKA

Lin:2003:NRU
Iuon-Chang Lin, Min-Shiang Hwang, and Li-Hua Li. A new remote user authentication scheme for multi-server architecture.
REFERENCES


REFERENCES


[LJ17b] Yu Lei and Zhang Junxiong. Service composition based on multi-agent in


[LJJ18] Weimin Li, Shu Jiang, and Qun Jin. Over-


REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X11001403


REFERENCES

Liao:2012:NDR

Liu:2008:GQO

Li:2012:BIB

Litke:2008:MSL

Louge:2019:SWS

Lee:2018:GTB
REFERENCES


[LKK+16] Johannes-Y. Lohrer, Daniel Kaltenthaler, Peer Kröger, Christiaan van der Meijden, and Henriette Obermaier. A generic frame-

[Lockemann:1991:FDT]


[Lee:2014:LSI]


[LKTC14]


[Li:2003:CCA]

Lagana:2004:F


Lee:2004:DIS


Li:2004:CPR


Lu:2016:PFC


Li:2018:SGI


Liu:2013:HMS


Luo:2017:PPM


[LLF11+18a] Huixi Li, Wenjun Li, Qilong Feng, Shigeng

Li:2018:NOV


Liu:2018:PBR


Lee:2003:GTF


Li:2017:MKP

Ping Li, Jin Li, Zhengan Huang, Tong Li, Chong-Zhi Gao, Siu-Ming Yiu, and Kai Chen. Multi-key...


Ping Luo, Kevin Liu, Zhongzhi Shi, and Qing He. Distributed data min-


[Tiejiang Liu, Tun Lu, Wei Wang, Qi Wang, Zhenyu Liu, Ning Gu, and Xianghua Ding. SDMS-O: a service deployment management system for optimization in clouds while guaranteeing users' QoS requirements. *Future Generation Computer Systems*, 28(7):1100–1109, July 2012. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).]
REFERENCES


Li:2018:HDM


Lv:2018:GAS


Liao:2019:SDC


Liu:2004:ENN


Liang:2019:TTB

REFERENCES

Li:2018:OVM

Liu:2018:ASS

Li:2018:PPM

Lai:2019:EDR

Liu:2007:SHP

Li:2018:SSE
Junnan Li, Zhihui Lu, Wei Zhang, Jie Wu, Hao Qiang and Bo Li, and Patrick C. K. Hung. SERAC3: Smart


REFERENCES


[Li:2014:SIB]


[Li:2004:LUA]


[Lin:2019:SEL]


[Liu:2018:SDY]


[Liu:2018:SDY]
REFERENCES


[LOR+18] Yunbo Li, Anne-Cécile Orgerie, Ivan Rodero, Betsegaw Lemma Amersho, Manish Parashar, and Jean-Marc Menaud. End-to-end energy models for edge cloud-based IoT platforms: Application to data

![Lowe:2001:HPC]


![Low:2005:DAP]


![Launay:2001:EPP]


![Lagana:2004:PSQ]


![Lopez-Pires:2018:VMP]


![Lang:1995:PCS]


REFERENCES


[LQK16] Laleh:2018:CVF


[LPMY18] Laleh:2018:CVF

[LPV+16] Liu:2016:MDT

[Liu:2016:MOS]
Liu:2010:HCF

Lecomber:2001:EPA

Le:2006:DMC

Lopez:2017:EPS

Liu:2018:PMD

Leigh:2006:GLV
Jason Leigh, Luc Renambot, Andrew Johnson, Byungil Jeong, Ratko Jagodic, Nicholas Schwarz, Dmitry Svistula, Rajvikram Singh, Julieta Aguilera, Xi Wang, Venkatram Vishwanath, Brenda Lopez, Dan Sandin, Tom Peterka, Javier Girado,


Li:2017:ANE

Li:2018:RRT

Loh:2001:GBF

Li:2005:NWN

Laccetti:2007:FMG

Lamehamedi:2007:DDM
Houda Lamehamedi and Boleslaw K. Szymanski. Decentralized data management framework for
REFERENCES

Luckow:2008:MFT


Li:2010:SSP


Lloyd:2013:ESG


Lehrig:2018:CTS


Liu:2011:CPD


Li:2017:SMP

Wei Li, Igor Santos, Flavia C. Delicato, Paulo F. Pires, Luci Pirmez, Wei Wei, Houbing Song, Albert Zomaya, and Samee Khan. System modelling...


Logesh:2018:HQI


Liao:2018:EEV


Lee:2012:LWA

Steven S. W. Lee, Pokai Tseng, and Alice Chen. Link weight assignment and loop-free routing table update for link


[Luk00] Peter Luksch. Parallel and distributed implementation of large indu-

[Luk00]
<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
</table>

**Li:2014:RAM**


**Lu:2017:EFV**


**Lin:2018:DCB**


**Lee:2007:BSS**

Liu:2018:SCM

Liu:2018:ABH

Liu:2018:DME

Liu:2018:ELM
Zhen Liu, Ruoyu Wang, and Deyu Tang. Extend-

Lu:2013:IBV


Liu:2016:TRC


Liu:2018:DSV


Liu:2018:EQA


Liu:2013:PBS

Jianhua Liu, Xin Wang, Guangxue Yue, and Shigen Shen. Data sharing in VANETs based on evolutionary fuzzy game. Future Generation Computer


Liangliang Liangliang and Ci Yungui. Clause representations in a compiler-based Prolog.


[Liu:2012:HSI] Xingang Liu, Laurence Tianruo Yang, and Kwanghoon Sohn. High-speed interview frame mode deci-

Liu:2005:VKC


Lu:2016:FTS

Kuan Lu, Ramin Yahyapour Philipp Wieder, Edwin Yaqub, Monir Abdullah, Bernd Schloer, and Constantinos Kotsokalis. Fault-tolerant service level agreement lifecycle management in clouds using actor system. *Future Generation Computer Systems*, 31(??):69–76, February 2014. CODEN FGSEVI. ISSN 0167-
<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal Details</th>
<th>URL</th>
</tr>
</thead>
</table>


Jinqiang Li, Shuming...

Liu:2018:SFG


Li:2018:MUA


Liu:2018:SPN


Lv:2019:MOF


REFERENCES

Malyshkin:2002:PCT


Malyshkin:2005:PCT


Mambretti:2009:OEA


Mann:2015:RRE


Mompean:2019:GBP


Marchand:1986:CES


Martinez:1990:SMA

REFERENCES

Marsh:1998:CWB

[Mar98a]

Marsh:1998:CCT

[Mar98b]

Marsh:1999:CVM

[Mar99a]

Marsh:1999:EPT

[Mar99b]

Marchese:2002:DDA

[Mar02]

Matsumoto:1988:NNM

[Mat88]

Matsumoto:1989:ESS

[Mat89]
REFERENCES

Matsui:2018:IPS

Mirza:2018:CIM

Marinescu:2001:BMD

Malawski:2010:IOS

Margolis:2011:TCP


[MBV+15] H. D. Mustafa, B. M. Ba'enna, S. Vijayan, S. N. Merchant, and U. B. De-


McPhillips:2009:SWD


Maniezzo:2000:AHF


Min:2004:AIT


Ma:2018:ACA


McColl:1996:SPP

[W. F. McColl. Scalability, portability and pre-

**Molto:2016:AMB**

**Moreau:2011:OPM**

**Ma:2019:ASF**

**Ma:2016:QAQ**
Shang-Pin Ma, Kuan Y. Chang, Jing-Hong Lin, Chih-Chun Ma, and Ju-Hsaing Lin. QoS-aware query relaxation for service discovery with business rules. *Future Genera-
REFERENCES


Mason:2018:PHC


Meddeb:2018:AAF


McKoy:1989:SCS


Moens:2015:ARC


Mirzaei:2019:AAA

Mattoso:2015:DSH


Maurer:2012:CBA


Marinho:2017:DSW


Mezghani:2016:CMT


Misale:2018:PHP


Mills:2018:MPS

Martin-Flatin:2005:HSN

Malawski:2013:CMC

Monster:2017:CIN

Murphy:2010:VOC
Missier:2011:WOP


Macias:2014:SNE


Macias:2016:ATM


Meilander:2018:MSR


Makowski:2019:EVT


Mohammed:2018:RTC

REFERENCES


[MG+19]


Martis:2018:RAB


Mondejar:2013:CTI


Meirosu:2005:NGE


Mirko Mariotti, Osvaldo

Mambretti:2006:ACA


Mambretti:2009:ARW


Malik:2014:LBG

Mallig:2016:MWE


Mohd:2018:HDM


Meng:2018:PAC


Matsuoka:2001:TPE


Michaud:1997:CT


Middelham:2001:TSP


Mahmud:2016:CED

Miles:2011:MAM

Misra:1992:LCP

Milde:2000:EUV
Jan-Torsten Milde and Bernhard Jung. Educational use of VRML and Java in agent-based AI and computer graphics. Future Generation Computer Systems, 17(1):79–
Marovic:2006:WBG


Malawski:2015:ACD


Ma:2018:BDR


Maheshwari:2016:WP1


Mofrad:2016:SLA


Mathis:2006:PMN

Mauch:2013:HPC

Munthe-Kaas:2003:EPL

Marosi:2013:TVC

Mishra:2011:HRL

Mokatren:2018:EPM


Joe Mambretti, Mathieu Lemay, Scott Campbell, Hervé Guy, Thomas Tam, Eric Bernier, Bobby Ho, Michel Savoie, Cees de Laat, Ronald van der Pol, Jim Chen, Fei Yeh, Sergi Figuerola, Pau Minoves, Dimitra Simeonidou, Eduard Escalona, Norberto Amaya Gonzalez,


Danilo Meana-Llorián, Cristina González García, B. Cristina Pelayo G-Bustelo, Juan Manuel Cueva Lovelle, and Nestor García-Fernandez. IoFClime: the fuzzy logic and the Inter-

Ma:2015:CSD


Mendez:2016:PES


Mo:2016:CS

Moca:2016:MCS


Modersitzki:2001:ERB


Ma:2018:SFG

[MLW18a] Xingpo Ma, Junbin Liang, Jianxin Wang, Sheng Wen, Tian Wang, Yin Li, Wenpeng Ma, and Chunhua Qi. Secure fine-grained spatio-temporal top-k queries in TMWSNs. *Future Generation Computer Systems*, 86(??):174–184, September...
REFERENCES

Mo:2018:ERS

Munz:2000:PAP

Monga-Made:1995:IPB

Michailidis:2003:PEL

Meo:2008:QCM

Martinelli:2010:UCG
Fabio Martinelli and Paolo Mori. On usage control


Mrowczynski:2018:BMF


Munoz:2019:EAE


Mostefaoui:2002:IOA


Muresano:2017:AEE


Mian:2013:PDA


Mancini:2008:GAM

Emilio P. Mancini, Sonya

Mao:2018:MMD


Maheshwari:2012:DEE


Megahed:2019:OCS


Martinez:2018:LND


Morillo:2018:CWI

Pedro Morillo, Juan M. Orduña, Marcos Fernández, and Inmaculada García-Pereira. Comparison of

**Min:2006:SSS**


**Moore:1999:ET**


**Morale:2001:MSA**


**Mauri:2002:PAP**


**Mazumdar:2017:PES**


**Mailund:2007:EGM**

Matri:2018:KSD


Martinez-Prieto:2015:SAR


Mate:2016:HIA


Meijer:1996:PMC


Mainguet:2000:FRB


Memos:2018:EAM

Vasileios A. Memos, Kostas E. Psannis, Yutaka Ishibashi,
REFERENCES


Morabito:2018:LLE


Malensek:2013:EGC


Moralis:2009:KSA


McLachlan:2003:LGF


Messina:2016:TAS


REFERENCES

7115 (electronic). See [MR03a].

Mesbahi:2017:HRA


Moonsamy:2014:MPP


Muhuri:2019:ASR


Morillo:2010:EPS


Moreira:2018:SIP


REFERENCES

Mehrotra:2016:TAP


Momenzadeh:2019:WSA


Matsuhashi:2012:TVF


Matijasevic:2003:DEM


Maran:2007:MCI

REFERENCES


Mishra:2002:ORS


Madougou:2013:CWB


Macker:2017:OAD

Joseph P. Macker and Ian Taylor. Orchestration and analysis of decentralized workflows within heterogeneous networking

Mizeranschi:2016:MMD


---

**Mencagli:2018:EPT**


**Michopoulos:2005:DDE**


**Matsuda:2000:NIA**


**Machida:2008:IDS**


**Mastroianni:2005:SPM**


**Mullender:1992:DMS**

Sape J. Mullender. Distributed multimedia sys-


Muraki:1986:VTP


Moreno-Vozmediano:2009:HMR


McHugh:1989:CMM


Muthuvelu:2013:TGP


Gunasekaran Manogaran, R. Varatharajan, Daphne Lopez, Priyan Malarvizhi Kumar, Revathi Sundarasekar, and Chandu Thota. A new architecture of Internet of Things and big data ecosystem

**Mencagli:2018:HFM**


**Mulder:1998:CSC**


**Monmarche:2000:HPA**


**Meliones:1999:MEG**

REFERENCES


Bidyut Mukherjee, Songjie Wang, Wenyi Lu, Roshan Lal Neupane, Daniel Dunn, Yijie Ren, Qi Su, and Prasad Calyam. Flexible IoT security middleware for end-to-end cloud-fog communication. *Future Generation Computer Systems*, 87(??):688–703, Oc-
REFERENCES


Mateos:2008:JAE


Mateos:2010:EGE


Mekki:2016:UUD


Ma:2017:MVC


Ma:2019:MMA


Noury:2019:AIC

Amir Noury and Morteza Amini. An access and inference control model for time series databases.
Nawaratne:2018:SEI

Nagao:1986:CRI

Nagao:1986:CSF

Naghibzadeh:2016:MSH

Nafi:2018:SDN

Narjes:1986:PEC
Karl-Heinz Narjes. Perspectives for European cooperation. Future Generation Computer Systems,
REFERENCES


[NDA+19] Tuan Nguyen Gia, Imed Ben Dhaou, Mai Ali, Amir M. Rahmani, Tomi Westerlund, Pasi Liljeberg, and Hannu Tenhunen. Energy efficient fog-assisted IoT system for monitoring di-

See [NDZ+18a].

[NDZ+18a]

See corrigendum [NDZ+18b].

[NDZ+18b]

See corrigendum [NDZ+18a].

Nieuwstadt:1994:DLE


Nemeth:2000:AMD


Naiksatam:2007:ERE


Nadeem:2013:OET


Nemeth:2010:SSD


Nesa:2018:NPS

REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X17314474


[Niw89] Katsuhiko Niwa. Use of artificial intelligence confirm-

**Nogoorani:2016:TTD**


**Nguyen:2017:RTE**


**Nguyen:2018:SFU**


**Nawaz:2018:EDA**


**Nou:2011:PAS**

Nickolay:2018:BGB


Njogu:2013:CVB


Ng:2006:BGE


Neruda:2005:LMR


Nguyen:2007:PGP


Newman:2015:RAF

REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X14001800


Grzegorz J. Nalepa, José Palma, and María Trinidad
REFERENCES


Nayak:2012:NAD


Nijim:2013:AEC


Nam:2015:MCR


Namasudra:2017:TES


Nekovee:2010:SLS

Nabti:2017:QMG


Neves:2017:PST


Nie:2019:KGE


NSF:1987:FRP


Nakashima:1988:TCI


Nakamura:1984:ALU

Kiyohiko Nakamura, Andrew P. Sage, and So-suKE IwAI. Associative learning using similarity knowledge bases for relational database search. *Future Generation Computer Systems*, 1(2):123–133, November 1984. CODEN FGSEVI. ISSN 0167-
Nolte:2002:ECN


Natarajan:2007:GBA


Nakada:1999:DIN


Niewiadomska-Szynkiewicz:2014:DPM


Nagao:1986:STA


Nishad:2019:ACH

Anurag Nishad, Abhay Upadhyay, Ram Bilas Pachori, and U. Rajendra Acharya. Automated classification of hand movements using tunable-Q

Nagarajan:2011:DTE


Naserian:2018:PLP


Nedjah:2017:EYR

REFERENCES


Okun:2004:AWD


Ogiela:2017:NPI


Ozsoydan:2019:SIB


Oyarzun:2018:ECC


Ozkasap:2014:FHE

Oznur Ozkasap, Emrah Cem, Sena Efsun Cebeci, and Tugba Koc. Flat and

Oliveira:2007:TAC


Okeyo:2014:COT


Ochoa:2014:DSU


Odelu:2017:PSA


Ócana:2013:DPC

Kary A. C. S. Ocaña, Daniel de Oliveira, Jonas Dias, Eduardo Ogasawara, and Marta Mattoso. Designing a parallel cloud based comparative genomics workflow to improve phylogenetic analyses. *Future Genera-


**Olejnik:2009:WOD**


**OLoughlin:2018:PBH**


**Oh:2010:RTP**


**Okayama:1989:KBD**


**Oldfield:2002:APF**


**Okuno:1992:EPA**

REFERENCES


[OP97] E. Onbasioglu and Y. Paker. A comparative workload-
REFERENCES


Olanda:2013:HPS


Oyekan:2017:RRT


Oppliger:2000:PPA


Ohlendorf:1992:NNE


Overeinder:2001:EWA

Ouillon:2006:LRS


Ozsoy:2014:OLC


Oyang:1993:MHM


Overeinder:1996:DLB


Osman:2019:NBD


Ostholm:1992:EMD


Ochi:1998:PEA

Luiz S. Ochi, Dalessandro S. Vianna, Lúcia M. A. Drummond, and AndréO. Victor. A parallel evol-


[PA01b] Thierry Priol and Guil-
REFERENCES


[Pal09] Francesco Palmieri. Network-aware scheduling for real-time execution support in data-intensive optical...
Palmieri:2013:SSD


Pallickara:2016:SRA


Pearce:2019:EDL


Pan:1995:OSL


Panda:1995:FBS


Papadopoulos:2005:MIA

REFERENCES


[Par04]
Pham:2005:VFS

Pedersen:2017:LSB

Ponciano:2018:ABC

Piccialli:2018:ISC

Pullen:2005:UWS

Pickles:2001:MAI
Perez:2011:SBA

Podzimek:2016:RPL

Podzimek:2017:RRP
Andrej Podzimek, Lubomír Bulej, Lydia Y. Chen, Walter Binder, and Petr Tuma. Reprint of “Robust partial-load experiments with Showstopper”.

Plaat:2001:SPA

Peng:2018:ITR
Pfenning:1995:VSM


Penenko:2002:MST


Palmieri:2013:DSF


Peixoto:2017:WVS


Pan:2018:SAM


Piccialli:2018:EFS

[PC18b] Francesco Piccialli and Angelo Chianese. Editorial


María S. Pérez, Jesús Carretero, Félix García, José M. Peña, and Víctor Robles. MAPFS: a flexi-

**Plante:1999:NAD**


**Pham:2011:HTF**


**Paton:2012:UDA**


**Panadero:2018:MCB**


**Pucciani:2010:PSS**


**Peng:2018:TIC**

Limei Peng, Ahmad R.

Ponto:2010:GSM


Post:1999:GGF


Pereira:2019:PCG


Primet:2005:EED

Pascale Vicat-Blanc Primet, François Echantillac, and Mathieu Goutelle. Experiments with equivalent differentiated services in a

**Perry:1986:NSS**


**Peterson:1989:CCA**


**Petkov:1995:BMC**


**Perumalla:2001:BWI**


**Poonpakdee:2017:REM**


**Pfister:1999:ART**


[PGPW09] Rosario M. Piro, Andrea Guarise, Giuseppe Patafia, and Albert Werbrouck. Using historical account-
ing information to predict
the resource usage of Grid
jobs. *Future Generation
Computer Systems*, 25(5):
499–510, May 2009. CO-
DEN FGSEVI. ISSN 0167-
739X (print), 1872-7115
(electronic).

Pairot:2005:TNL

Carles Pairot, Pedro García,
Antonio F. Gómez Skarmeta,
and Rubén Mondéjar. To-
wards new load-balancing
schemes for structured
peer-to-peer grids. *Future
Generation Computer Sys-
tems*, 21(1):125–133, Jan-
uary 1, 2005. CODEN FG-
SEVI. ISSN 0167-739X
(print), 1872-7115 (elec-
tronic).

Perez:2018:RDN

Juan Luis Pérez, Alberto
Gutiérrez-Torre, Josep Li.
Berral, and David Carrera.
A resilient and distributed
near real-time traffic fore-
casting application for fog comput-
ing environments. *Future
Generation Computer Sys-
tems*, 87(??):198–212, Oc-
tober 2018. CODEN FG-
SEVI. ISSN 0167-739X
(print), 1872-7115 (elec-
tronic). URL https://
www.sciencedirect.com/
service/article/pii/S0167739X1732678X.

Potma:1994:BPL

Kitty Potma and Walter
Hoffmann. Boosting the
performance of the linear
algebra part in an ODE
solver for shared memory
systems. *Future Generation
Computer Systems*, 10
CODEN FGSEVI. ISSN
0167-739X (print), 1872-
7115 (electronic).

Peddemors:1999:HPD

A. J. H. Peddemors and
L. O. Hertzberger. A high
performance distributed
database system for en-
hanced Internet services.
*Future Generation Com-
puter Systems*, 15(3):407–
415, April 1, 1999. CO-
DEN FGSEVI. ISSN 0167-
739X (print), 1872-7115
(electronic). URL http://
www.elsevier.com/gej-
ning/10/19/19/30/19/25/
abstract.html.

Perez:2007:SSD

María S. Pérez and Pi-
lar Herrero. Special sec-
tion: Data analysis, ac-
cess and management on
Grids. *Future Generation
Computer Systems*, 23(1):
CODEN FGSEVI. ISSN
0167-739X (print), 1872-
7115 (electronic).

Pan:1998:ESQ

Yi Pan, Mounir Hamdi,
and Keqin Li. Efficient
and scalable quicksort on

**Prins:1999:VES**


**Pipan:2010:UTO**


**Poenaru:2018:AAF**


**Pop:2018:HHH**

[PIKM18b] Florin Pop, Alexandru Iosup, and Radu Prodan. HPS-HDS: High performance scheduling for het-
REFERENCES


[Sooky+17] Sri Vijay Bharat Peddi, Pallavi Kuhad, Abdul-salam Yassine, Parisa


Weifeng Pan, Bing Li, Jing Liu, Yutao Ma, and Bo Hu. Analyzing the structure of Java software systems by weighted K-core decomposition. *Future Generation Computer Systems*, 83(??):431–444, June 2018. CODEN FGSEVI. ISSN 0167-739X.
REFERENCES

Panneerselvam:2018:IIT


[PLLA18]

Palau:2019:CPS


[PLLP19]

Polemi:2000:IRS


Pal:2004:AES

Mahesh Pal and P. M. Mather. Assessment of

**Punithan:2014:PTT**


**Perl:2014:PPT**


**Pimenta:2011:CMN**


**Papamartzivanos:2018:DGT**


Pandey:2013:CCS


Palanca:2013:DPS


Pancake:1999:SPS


Pervaiz:2014:UAQ


Page:2000:IAW

REFERENCES

Pohl:1987:SRN


Piechotta:2016:SDC


Polemi:1999:TBS


Ponraj:2019:OVM


Porcher:1995:BPC


Politi:2006:NMC

[PP06] T. Politi and A. Pugliese. Numerical methods for...
<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>


Stefan Plantikow, Kathrin Peter, Mikael Höögqvist,


REFERENCES

__Plageras:2018:EIB__

__Pallickara:2012:TED__

__Power:2006:SWS__

__Peakall:1995:SIB__


DEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

Pramsohler:2015:LIA


Peterka:2006:PVA


Paul:2012:QEG


Preissl:2010:TMS


Park:2004:HSC


Pennycook:2019:IMP

S. J. Pennycook, J. D. Sewall, and V. W. Lee. Impli-


REFERENCES


**Pagliarecci:2013:MCG**

**Pillai:2018:LDE**

**Pascoe:2002:MEM**

**Patton:2014:SSP**

**Piao:2019:PPG**
REFERENCES


[PTD+18] Sarogini Grace Pease, Russell Trueman, Callum Davies, Jude Grosberg, Kai Hin Yau, Navjot Kaur, Paul Conway, and Andrew West. An intelligent real-time cyber-physical toolset for energy and process prediction and optimisation in the future industrial Internet of Things. *Future Generation Computer Sys-


[Pud01]

[PvSS17]

[PW09]

[PWA+19]
Sven Plaga, Norbert Wiedermann, Simon Duque Anton, Stefan Tatschner, Hans Schotten, and Thomas Newe. Securing future decentralised industrial IoT infrastructures:

Pettit:2013:BEP


Pei:2017:EPU


Peng:2018:IID


Polap:2018:MTL

REFERENCES

Park:2003:ERS


Perez:2007:SSS


Park:2000:ELR


Pournaras:2017:SRS


Pagnin:2018:HDB


Peng:2018:SNB

REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X18312184

Pagan:2018:PTW


Pop:2016:MAT


Quick:2013:DDM


Quick:2018:DFI


PZ18


QC13


QC18


Qiu:2018:PPW


Qin:2007:DAL


Qian:2018:AAE


Quan:2012:APE


Quiroz:2008:FDC


Quezada-Pina:2012:APJ

Ariel Quezada-Pina, Andrei Tchernykh, José Luis González-García, Adán Hiraless-Carbajal, Juan Manuel Ramirez-Alcaraz, Uwe Schwiegelshohn, Ramin Yahyapour, and Vanessa Miranda-López. Adaptive parallel job scheduling with resource admissible allocation on two-level hierarchical grids. *Future Generation Computer Systems*, 28(7):965–976,


REFERENCES


Rycerz:2015:CES


Raghavendra:2018:ASD


Ravi:2013:SCA


Rieffel:2014:PAP


Ranjan:2013:MDP


Reale:1993:PDH

[RBS93] F. Reale, M. Barbera, and S. Sciortino. A parallel 2-d hydrodynamic FOR-


REFERENCES


Rodero:2010:GBS


Ros-Giralt:2018:ADS


Rico-Gallego:2016:EIL


Ramirez-Gallego:2018:OEB


Rosswog:2001:TSC


**Rego:2018:SDN**


**Rahman:2016:SPV**

**Ronkko:2015:APE**
Mauno Rönkkö, Jani

Rosas:2014:WSR


Raza:2017:SEE


Rivas:2000:PAR


Renambot:2009:EHR

Luc Renambot, Byungil Jeong, Hyejung Hur, Andrew Johnson, and Jason Leigh. Enabling high resolution collaborative visualization in display rich virtual organizations. *Future Generation Computer...*
Rajkumar:2019:SSI


Rodriguez:2018:DPA


Rizk:2008:PGO


Rantzau:1998:SVE


Ren:2017:MCT

Roman:2018:MEC


Ramachandran:2012:DAR


Rudolph:1997:TSI


Roy:2011:ERM

Roshanbin:2016:AIU


Renambot:2016:SCP


Rezaeimehr:2018:TTC


Reyna:2018:BII


Rodero-Merino:2012:UCS


Reyes:2010:MSG

S. Reyes, C. Muñoz-Caro,
REFERENCES


Roy:2018:AAE


Rubio-Montero:2015:GEM


Rubio-Montero:2017:SMV


Re:2018:ESE


Rasmussen:1998:VTB

[RMM+98] Mary Rasmussen, Theodore P. Mason, Alan Millman, Ray Evenhouse, and Daniel Sandin. The virtual temporal bone, a tele-


Riesinger:2018:NSP


Robenack:2005:ADN


Rehman:2019:HRN


Roskies:1989:SBS


Rossi:1994:SIH


Rourk:2000:VBC


Ravandi:2018:SOR

REFERENCES


[Rahim:2010:CDW] Mustafizur Rahman, Rajiv Ranjan, and Rajku-


Reinefeld:2002:GTC


Ravikanth:1990:SSP


Raza:2018:ABP


Reuter:2006:LKE


Rao:2015:HBS


Rajavel:2016:APB

Ranjan:2017:NEI


Ren:2016:SSC


Ruschitzka:1990:P


Ruschitzka:1990:TLG


Roest:1995:UGS


Rho:2016:CPSb

Seungmin Rho, Athanasios V. Vasilakos, and


References


chitecture for contextu-


Sanchez-Artigas:2010:EPB


Somasundaram:2010:CRB


Sarbazi-Azad:2003:AAC


Seidel:2002:GGA


Sapaty:1988:WNI


Smara:2017:ATF

Sarmenta:2002:STM


Sasaki:1985:TVJ


Sarier:2018:MBI


Schiemann:1997:NAL


Szalay:1999:AAF


Singh:2018:SDD

REFERENCES


REFERENCES


Soille:2018:VDI


Smarr:2009:SSO


Scholl:2009:SCD


Schulz:2008:CMB


Serrano:2016:SGC

Subba:2018:GTB


Sultan:2018:ISS


Steiger:2005:UAD


Shen:2014:AOB


Sotiriadis:2017:VMC

Seinstra:1998:PSI

Scarpa:2006:HID

Sanati:2016:LEO

Saia:2019:EBU

Shakhov:2004:DMD

Starlinger:2016:EES
REFERENCES


Schroeder:2000:TVA


Schonfisch:2001:SIB


Schneider:2003:SBH


Sun:2017:AAS


Sun:2019:CBM


Shimojo:2000:SMD

Fuyuki Shimojo, Timothy J. Campbell, Rajiv K. Kalia, Aichiho Nakano, Priya Vashishtha, Shuji

[Sch00]

[Sch01]

[Sch03]

[SCH+17]

[SCH+19]

[SCK+00]


REFERENCES

[Soudan:2009:FSE]

[Shen:2018:LML]

[Sheu:2001:MSC]

[Shah:2018:EIA]

[Su:2014:EEA]

[Si:2019:MRA]
Huayou Si, Zhihui Chen, Wei Zhang, Jian Wan, Jilin Zhang, and Neal N. Xiong.
REFERENCES


REFERENCES

CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

Song:2011:WFI

Stevens:2009:MCJ

Solano:2017:SVM

Srinivas:2019:GRC

Schoneveld:1999:PCF

Surmas:2004:LBS
Rodrigo Surmas, Luís O. E. dos Santos, and Paulo C. Philippo. Lattice Boltzmann simulation of the flow interference in bluff body wakes. *Future Generation Computer Sys-

Severino:2018:ITC


Sehgal:2011:UAL


Selvitopi:2019:LAL

Sergot:1995:CFT


Seredynski:1998:STP


Smith:2006:BSU


Salza:2019:SGA


Simonet:2015:ADP


Sloot:1995:GEM


Schenk:2004:SUS

REFERENCES

Selikhov:2005:CMB

Smaoui:2013:IVC

Somasundaram:2014:CFS

Subirats:2015:AFE

Sethi:2017:SWD

Singh:2018:BFB
Sierra:1996:DDL


Schenk:2001:PHP


Sanchez-Garcia:2016:SSA


Sodan:2008:TSA


Singh:2018:NCE

Secretan:2010:AAP


Sarti:1999:PBM


Simmhan:2011:SST


Shuja:2017:CAE


Smarr:2009:BOC


Sanchez-Garcia:2019:DPB

J. Sánchez-García, D. G. Reina, and S. L. Toral. A distributed PSO-based exploration algorithm for a UAV network assisting a

**Song:2018:QFS**


**Shen:2007:ABP**


**Shi:1990:ATL**


**Sarmenta:1999:BBS**


**Stutzle:2000:MMA**


**Sharma:2016:ECP**

Sugam Sharma. Ex-
REFERENCES


Young-Chul Shim. Performance evaluation of scheduling schemes for...

**Stack:2006:MAF**


**Sierra:2004:LCC**


**Spencer:2010:RED**


**Sun:2008:RDT**


**Shao:2013:VOS**


**Schnorr:2010:TIV**

[SHN10] Lucas Mello Schnorr, Guillaume Huard, and Philippe O. A. Navaux. Triva: Interactive 3D visualization for performance analy-

Sahuquillo:2016:DET


Sedaghat:2016:DCD


Sanin:2019:EBK


Shah:2018:PCI


Smanchat:2013:SPS

Sucha Smanchat, Maria Indrawan, Sea Ling, Colin Enticott, and David Abramson. Scheduling parameter sweep workflow in the Grid based on resource competition. *Future Generation
REFERENCES

Simmons:1986:TMT


Sinclair:1984:SCS


Sinkwitz:1992:PMS


Sinnott:2007:AIM


Sipos:2012:PCW


Sanchez-Iborra:2018:EIN

REFERENCES

Saginbekov:2014:ECD


Shmeis:2018:FCG


Son:2017:TLT


Sun:2018:PSO


Sartakhti:2013:NLB


Strizh:2007:SBG

[SJTG07] Irina Strizh, Alexei Joutchkov, Nikolay Tverdokhlebov, and Sergey Golitsyn. Systems biology and Grid
technologies: Challenges for understanding complex cell signaling networks. [SJV⁺15]

Shao:2018:ELB


Srirama:2012:ASC


Schulte:2015:EBP


Schneier:1997:RAS


Sarfraz:2004:AAA


REFERENCES

Seredynski:2001:DMS


Somu:2017:CMR


Singh:2018:MWT


Sirakoulis:2002:CAM


Sakurai:2008:PML

Sheu:1987:EPI


Sloot:1997:HGA


Seneviratne:2011:TPM


Sun:2016:NTE


Sun:2017:EFA


Silva:2017:RDQ

Shen:2015:SMD


Sun:2018:FSI


Singh:2003:THR


Slezak:2014:SSA


Shi:2017:PDG

Zhan Shi, Junhao Li, Pengfei Guo, Shuangshuang Li, Dan Feng, and Yi Su. Partitioning dynamic graph asynchronously with distributed FENNEL. *Future Generation Computer Systems*, 71(??):32–42, June 2017. CODEN FGSEVI. ISSN 0167-739X
Sobieski:2006:DPL

Seol:2017:IMO

Sun:2017:LLO

Sloot:1996:RMD

Sloot:2005:P
REFERENCES


Sun:2011:FED


[SLW11]

Sun:2019:EET


[SLY^+19]

Steinfeld:1995:FAP


[SLZ95]

Skobeltsyn:2009:QDI


[SLŽ^+09]

Sunderam:1996:PDS

V. S. Sunderam and

**Sanchez:2001:BWA**


**Shudo:2001:AME**


**Scariot:2003:NMB**


**Saito:2010:BSR**


**Sood:2018:FCB**


**Sharifian:2008:CBL**

Saeed Sharifian, Seyed A. Motamed, and Mohammad K. Akbari. A content-based load balancing algorithm with admission con-

**Souza:2018:TPS**


**Sanjuan:2018:WFP**


**Shang:2018:SAA**


**Smidt:1986:UIC**

Sena:2001:IPG


Schreiber:2005:PSE


Soares:2014:GBA


Sanchez:2012:AFE


Sarkar:2013:RRP


Spillner:2013:COC

[SMS13] Josef Spillner, Johannes Müller, and Alexander Schill. Creating optimal

**Shakshuki:2014:WCP**


**Smith:2014:MSR**


**Sheltami:2016:DCT**


**Silva:2018:AGF**


**Sun:2016:CFF**

Le Sun, Jiangang Ma, Yanchun Zhang, Hai Dong, and Farookh Khadeer Hussain. Cloud-FuSeR: Fuzzy ontology and MCDM based cloud service selection. *Future Generation Computer Systems*, 57(??):42–
REFERENCES


[SOA17] Simon Scheider, Frank O. Ostermann, and Benjamin Adams. Why good data analysts need to be critical synthesists, determining the role of se-
Sanchez-Oro:2018:IGA


Shokripour:2012:NMS


Sas:2005:VET


Fogelman-Soulie:1991:NNC


Smith:1993:EOK


Sapountzi:2018:SND


REFERENCES

**Spinnato:2009:SSN**


**Satria:2017:ROM**


**Sanchez:2007:MDE**


**Small:1986:PAI**


**Sanchez:2010:HPS**


**Shi:2010:AGA**


Sousa:2019:DLD

Strumpen:1997:PHP

Stiller:2003:CAH

Somu:2018:TCO

Spivak:2018:STA

Sharma:2019:MLB
Pradip Kumar Sharma, Shailendra Rathore, and


Sarbjeet Singh and Jaspree Sidhu. Compliance-based multi-dimensional

Shah:2019:CUC


Stuer:2005:TOC


Syed:2013:PGC


Sosonkina:2004:UPA


Shao:2009:EDC

**Smith:2009:SDG**


**Sanchez-Sepulveda:2019:VII**


**Sassi:2017:DBN**


**Said:2019:TAN**


**Stankovski:2008:GED**


**Schafers:1995:TGP**

REFERENCES


Skalkowski:2013:QBS

Silaghi:2012:TCS

Swain:2010:PFG

Sterling:1995:IEC

Smit:2013:DAL
REFERENCES

Sun:2017:STT


Schmidt:2002:HAB


Shafiq:2017:TEB


Shimizu:2006:IRT


Satpathy:2018:SAS

Song:2019:ERM


Smari:2013:RDH


Sun:2017:ARS


Spezzano:1998:DPM


Spezzano:1999:PCA


Sashi:2011:DRD

[ST11] K. Sashi and Antony Sel-

**Shao:2017:VBR**


**Sta:2017:QED**


**Singaraju:2015:ASN**


**Steels:1985:SGE**


**Steiner:1992:EMD**


**Stevens:1994:HPC**

REFERENCES

Sato:1998:NPL

[STH+98] Mitsuhisa Sato, Hiroshi Tezuka, Atsushi Hori, Yuta-

[246x628]ka Ishikawa, Satoshi Sekiguchi, Hidemoto Nakada,

Satoshi Matsuoka, and Umpei Nagashima. Ninf and PMCommunication li-

bibraries for global computing and high-performance cluster computing. Fu-


DEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic). URL http://

www.elsevier.com/gej-ng/10/19/19/28/19/27/abstract.html.

Stickel:1993:ATP

[Sti93] Mark E. Stickel. Automated theorem-proving re-

search in the Fifth Generation Computer Systems Project: Model generation


1993. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

Saber:2018:VRH

[STMV18] Takfarinas Saber, James Thorburn, Liam Mur-

[385x625]phy, and Anthony Ven-

tresque. VM reassign-

ment in hybrid clouds for large decentralised com-

panies: A multi-objective challenge. Future Gen-

eration Computer Sys-

tems, 79 (part 2):751–

764, 2018. CODEN FG-

SEVI. ISSN 0167-739X

(print), 1872-7115 (elec-

tronic). URL https://

www.sciencedirect.com/

science/article/pii/S0167739X17301164.

Scheetz:2005:GTC

[TSP+05] Todd E. Scheetz, Nishank Trivedi, Kevin T. Pe-

dretti, Terry A. Braun, and Thomas L. Casavant. Gene transcript clus-

tering: a comparison of parallel approaches. Future Generation Computer Sys-

tems, 21(5):731–735, May 2005. CODEN FGSEVI. ISSN 0167-739X (print), 1872-

7115 (electronic).

Schulz:2003:SIM

[STTK03] Martin Schulz, Jie Tao, Carsten Trinitis, and Wolf-

gang Karl. SMiLE: an integrated, multi-paradigm software infrastructure for


2003. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

Stamatakos:1998:SSM

[SUD+98] Georgios S. Stamatakos, Nikolaos K. Uzanoglu,

Konstantinos Delibasis, Mersini Makropoulou, Nikol-

laos Mouravliansky, and Andy Marsh. A simpli-


[SvAS01] P. F. Spinnato, G. D. van Albada, and P. M. A. Sloot. Performance of N-body codes on hybrid ma-
REFERENCES


[Stratmann:2002:LED] Michael Stratmann and

Schantz:2005:ASW


Stolk:2006:BMG


Schweinsberg:2017:ACS


Saulsbury:1995:ASC


Schmidt:2003:GSV


Sheikhalishahi:2016:MDJ

REFERENCES


REFERENCES


REFERENCES

Sun:2018:DDA


Shih:2009:OBC


Song:2017:SAM


Shen:2017:RDP


Salleh:1998:MSU


Shahriar:2012:TTP

Sanna:2005:DJB


Song:2017:TTO


Shen:2016:MSH


Slawik:2018:EUC


Sarjoughian:2000:CDN


Thirunarayan:2014:CTM


Takahashi:1989:ATE


Takamura:1989:ESC


Takatsuka:2005:COS


Tserpes:2012:RMS


[Trivedi02] Nishank Trivedi, Jared Bischof, Steve Davis, Kevin Pedretti, Todd E.

**Tierney:2016:SSH**


**Turek:2006:HON**


**Tao:2010:SST**


**Truong:2009:DDP**


**Tan:2018:ARM**


Tai:2018:HKF


Tomas:2011:NAM


Triboan:2019:SBA


Tang:2014:SIR


Tsai:2019:EUP


Thilakanathan:2014:PSM

[TNN+14] Dunan Thilakanathan, Shiping Chen, Surya Nepal, Rafael Calvo, and Leila Alem. A platform for secure monitoring and sharing of generic health data in the Cloud. *Fu-
Tudoran:2016:JEH

Truica:2018:BTK

Tomas:2012:GBA

Tang:2014:LCM


Tchana:2016:SCE


Thysebaert:2008:SDR


Tebra:1986:PPF


Teimourikia:2017:ODR


Tang:2018:CBI


Tse:2004:TMC

Rebecca O. C. Tse and Christopher Gold. TIN meets CAD — extending


Tiskin:2007:CEP


Tung:2018:SOF


Tierney:2000:DID


Tao:2010:SDO


Tang:2015:SAS


Taylor:2018:CSP

Thirukrishna:2018:REE


Terstyanszky:2014:ESW


Tao:2015:NNT


Theodoropoulos:2014:ESI


Tarczynski:2008:AGC

Andrzej Tarczynski, Tamas Kiss, Gabor Terstyanszky, Thierry Delaitre, Dongdong Qu, and Stephen Winter. Application of Grid computing for designing a class of optimal periodic nonuniform sampling

[Tsai:2019:SSE]

[Tao:2017:GTM]

[Tang:2015:EHI]

[Tang:2011:SSA]

[Tang:2006:IDR]

[Tang:2005:DRA]
Ming Tang, Bu-Sung Lee, Chai-Kiat Yeo, and Xueyan Tang. Dynamic

**Treebushny:2005:CRR**


**Tariq:2019:ADS**


**Tiana:2015:PIB**


**Taura:2013:DIG**


**Tordsson:2012:CBM**

Johan Tordsson, Rubén S. Montero, Rafael Moreno-Vozmediano, and Ignacio M. Llorente. Cloud brokering mechanisms for optimized placement of virtual machines across


[Tarneberg:2017:DAP] William Tärneberg, Amardeep Mehta, Eddie Wadbro, Johan Tordsson, Johan Eker,


Torroglosa:2018:MFI

[TOS18] Elena Torroglosa, Jordi Ortiz, and Antonio Skarmeta.

Tchernykh:2014:AEE


Trendafilov:2003:PP

[Tre03] Nickolay T. Trendafilov.

Talbi:2001:PAC

Talia:1999:CAP

Trnkoczy:2008:IPF

Turabieh:2018:DRR

Toosi:2018:RPD

Torres:2011:SMD

Tang:2018:TAC


Boris Teabe, Alain Tchana, and Daniel Hagimont. Enforcing CPU allocation in a heterogeneous IaaS. *Future Generation Computer
Trunfio:2007:PPR


Turek:2018:EBD


Tikar:2008:ERR


Tiwari:2016:IAC


Tang:2014:TPS

Tomiyama:1985:KEC

Tian:2011:TRR

Tzeng:2004:NTM

Tong:2018:NDL

Taheri:2013:HNN
**References**


REFERENCES

0167-739X (print), 1872-7115 (electronic).


REFERENCES


[Uflacker:2011:SNA] Matthias Uflacker and
REFERENCES


Vanmechelen:2014:ECS


Verhoeven:1995:POA


Vaughan:1993:LTB


Varghese:2018:NGC


Vishwanath:2009:ATC


Vicat-Blanc-Primet:2003:GHP


Vijayakumar:2018:CEP

P. Vijayakumar, Victor Chang, L. Jegatha Deborah, Balamurugan Balasamy, and P. G. Shynu. Computation-

**Vijayakumar:2018:KMK**


**Vaquero:2019:RCN**


**Vecchiola:2012:DDP**


**Verba:2019:MIB**


**Vu:2016:PBB**

Trong-Tuan Vu and Bilel


REFERENCES


REFERENCES

(Redirected from page 803)

van de Riet:1987:ESS


van de Riet:1987:OBT


van de Riet:1987:FSD


van de Riet:1987:KSP


van de Riet:1987:LPF


van de Riet:1987:PPF


vandeRiet:1987:PPT


vandeRiet:1987:SVD


vandeRiet:1987:IRA


vandeRiet:1993:GEF


vandeRiet:1993:OAF


vanderSman:2004:DUT


Varvarigou:2012:INA

[VDTK12] Theodora Varvarigou, Anastasios Doulamis, Konstantinos Tserpes, and D-
REFERENCES


Vrbsky:2013:DPC


Vazquez:2010:FTE


Vazquez:2011:UCG


Vinh:2016:CSA


Vidhyalakshmi:2017:CFE


Visegradi:2014:EEG

vanKessel:2013:UTD


Vaquero:2013:MDF


Venkataraman:2003:KFS


Varvarigou:2009:SSR


Vo:1993:UCB


vanMourik:1994:VPM

REFERENCES


vanOudenaarde:2005:DPM


Voith:2012:QSP


Villalba:2017:APA


Violard:1994:PSU


Vassilakis:2018:ESE


Veloudis:2019:ASD

Simeon Veloudis, Iraklis Paraskakis, Christos Petros, Yannis Verginadis, Ioannis Patiniotakis, Panagiotis Gouvas, and Gregoris Mentzas. Achieving

Vouros:2010:SIS


Vasile:2015:RAH


Veit:2000:FDP


Varadarajan:2005:NRS


Vivekanandan:2012:BFO

REFERENCES


**Vree:1988:ECG**


**Vree:1989:ECG**


**Vecchia:1988:RSN**


**Vecchia:1990:OBT**


**Vazquez:2004:BRR**


**Varalakshmi:2013:TDA**

Viegas:2019:BRT


Vazhkudai:2002:PDI


Volety:2019:CBW


REFERENCES

CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


REFERENCES


VanBerghe:2003:DPB


VanHeddeghem:2012:DCC


vanVeen:1998:NTV


vanWerkhoven:2019:KTS


Verstappen:1994:DNS

REFERENCES

Volckaert:2008:GCA

vanWerkhoven:2014:OCO

Wieners:2006:DPO

Wahlster:1984:CAS

Wilson:1989:ISC
Wallace:1994:HEP


Wang:2019:PSK


Wang:2018:LRI


Wang:2018:PPA


Wybranietz:1990:LPE


Wismuller:2008:HLA

REFERENCES


REFERENCES


REFERENCES


Wazid:2019:DSK

Wang:2018:NIA

Wang:2018:PAS

Weekley:2016:CHQ
References

Wesche:1999:TDV

Wei:2007:TED

Wenyin:2010:DPT

Wiendahl:1991:TCI

Walton:2000:AMM

Wong:2013:UFD
Waite:1992:PAC


Weinreich:2015:ESK


Wu:2019:BFD


Walker:2005:CPS


Wang:2019:EBT


Wang:2018:MMI

REFERENCES


Wang:2013:HVE


Wang:2018:PPR


Wang:2016:SOM


Wieczorek:2009:TGM


Wang:2017:ERS


Wiechert:2003:RMC


Wiig:1984:MTA


Wilmot:1986:MP


Wilson:1989:GCC


Williams:2000:GEH


Witten:1994:RHP


Wang:2018:MPI


[WKZ+03] Kai Wang, Sang-Bae Kim, Jun Zhang, Kengo Naka-

**Weng:2005:HSB**


**Widodo:2017:NCD**


**Widodo:2017:SSD**


**Witanto:2018:ASD**


**Witanto:2018:SGF**

REFERENCES


REFERENCES

Wang:2016:NFS


Woo:2018:RIS


Wu:2017:DIS


Wu:2010:OPS


Wu:2018:NMG

Xiaoban Wu, Peilong Li, Yongyi Ran, and Yan

**Wu:2018:LRT**


**Wang:2011:PHB**


**Wang:2014:INA**

Yan Wang, Wenzao Li, Jiliu Zhou, Xiaohua Li, and Yifei Pu. Identification of the normal and abnormal heart sounds using wavelet-time entropy features based on OMS-WPD. *Future Generation
Wang:2016:OMD


Watanobe:2014:HIA


Wei:2018:PAU


Wang:2015:HRR

Wang:2019:ICR

Wille:1994:TFP

Wang:2015:STT
Lizhe Wang, Rajiv Ranjan, Joanna Kolodziej, Albert Yellow:2019:PMB

Wendler:2005:EOC


Wu:2010:ISA


Wei:2016:RRR

Wang:2018:PPS

Wu:2016:BPK

Wahid:2018:BDA

Wegener:2009:GRB

Wherrett:1987:OCD

Wang:2010:RFR
2010. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).

[Wang:2018:TAO]

[Wandelt:2018:QQR]

[Wang:2002:DPC]


[Wang:2007:DPP]

[Wang:2017:PVI]
Jun-chao Wang, Arie Taal, Paul Martin, Yang Hu,


2005. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (electronic).


Pengyao Wang, Jianqin Wang, Ying Chen, and

Wang:2014:ADE


Wang:2014:ADE

Wang:2018:ASA


Wang:2018:ASA


Wang:2017:CAA

Wang:2018:LAS


Wang:2016:TIA

Yongzhi Wang, Jinpeng Wei, Shaolei Ren, and Yu-long Shen. Toward integrity assurance of outsourced computing — a game theoretic perspective. *Future Generation Com-
REFERENCES

Ward:1998:DAS

Wu:2016:IPC

Wang:2016:PSR
Wan:2017:POT


Wu:2018:RII


Wang:2019:EOP


Wang:2018:RAD


Wang:2002:CFS

Wu:2018:HPC


Wang:2016:SHI


Wang:2017:HIT


Wang:2015:DCA


Wang:2018:RAM

Wang:2018:SAC

Wang:2011:OMR

Wu:2011:NMA

Wei:2017:RAD

Waheed:1999:PNB

Wu:2016:FAR


Wei:2018:RSI


Wang:2008:ACM

Hua Wang, Yanchun Zhang and Jinli Cao. Access control management for ubiquitous computing. *Future Generation Computer Sys-


Zi Wang, Zhiwei Zhao, Geyong Min, Xinyuan Huang, Qiang Ni, and Rong Wang. User mobility aware task assignment for mobile edge computing. Future Generation Computer Systems, 85(??):1–8, August 2018. CODEN FGSEVI. ISSN 0167-739X (print), 1872-7115 (elec-
REFERENCES


[WZML18]

[WZWC18]

[WZWW18]
Wang:2016:RAI


Xhafa:2014:SIP


Xing:2010:ABS


Xiao:2018:CCP

REFERENCES

Xu:2017:BAE

Xue:2012:PEO

Xiang:2015:CCS

Xie:2016:OAS

Xu:2016:AEM
REFERENCES


Xie:2018:FPP


Xie:2013:P


Xin:2018:DII


Xiong:2019:FMA


Xu:2014:APA


Xiong:2018:ASR

Wei Xiong, Zhihui Lu, Bing

Xu:2018:PPE


Xu:2019:DBB


Xu:2017:APS


Xu:2014:MTE


Xu:2018:SSI

Zheng Xu, Yunhuai Liu,


Xu:2019:FEI


Xi:2019:PWD


Xie:2016:DDT


Xue:2019:EDS


Xu:2018:QGR


Xu:2014:AFN


Xu:2014:MBP


Xu:2016:ABI


Yang:2002:DDS


Xia:2014:BBI


Xu:2018:SBT

<table>
<thead>
<tr>
<th>Reference</th>
<th>Details</th>
</tr>
</thead>
</table>
Younas:2016:ITC


Yaseen:2018:CBS


Yatagai:1988:OCJ


Yu:2018:TLR


Yang:2007:DRA


Ye:2013:NCG


Yaun:2003:OPS

Garrett Yaun, Christopher D. Carothers, Sibel Adali, and David Spooner.

Yin:2019:ADM


Yao:2015:LAB


Yu:2005:PGB


Yu:2018:DDM


[Ye:2018:FPP]


[Ye:2018:CKS]


[Yi:2018:INI]

REFERENCES


Yadav:2018:TWR

Yasar:2016:SIE

Yu:2019:LEW

Yu:2016:RIS

Yang:2018:CTF

Yaqoob:2019:ITF


REFERENCES

www.sciencedirect.com/
science/article/pii/S0167739X16300280

Yang:2003:IDC

Ge Yang, Ruoming Jin,
and Gagan Agrawal. Im-
plementing data cube con-
struction using a clus-
ter middleware: algo-
rithms, implementation ex-
perience, and performance
evaluation. Future Gen-
eration Computer Systems,
CODEN FGSEVI. ISSN
0167-739X (print), 1872-
7115 (electronic).


Neil Y. Yen, Qin Jin,
Ching-Hsien Hsu, and
Qiangfu Zhao. Special
issue on “Hybrid intelli-
gence for growing Inter-
net and its applications”.
Future Generation Com-
puter Systems, 37(??):401–
403, July 2014. CODEN
FGSEVI. ISSN 0167-739X
(print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X14000624

Yen:2014:SIS

[102x399]Yen:2018:DIR

Jiachen Yang, Bin Jiang,
and Houbing Song. A
distributed image-retrieval
method in multi-camera
system of smart city based
on cloud computing. Fu-
ture Generation Computer
Systems, 81(?):244–251,
April 2018. CODEN FG-
SEVI. ISSN 0167-739X
(print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X17321362

Yen:2018:DIR

[102x339]Yun:2017:MHA

Unil Yun and Donggyu
Kim. Mining of high
average-utility itemsets us-
ing novel list structure
and pruning strategy. Fu-
ture Generation Computer
Systems, 68(?):346–360,
March 2017. CODEN FG-
SEVI. ISSN 0167-739X
(print), 1872-7115 (elec-
tronic). URL http://
www.sciencedirect.com/
science/article/pii/S0167739X16304733

Yun:2017:MHA

[102x156]Yildirim:2013:MTS

Esma Yildirim, Jangyoung
Kim, and Tevfik Kosar.
Modeling throughput sam-


[YL16]


[YKŁ07]


[Yu:2018:RSB]


[Yuan:2018:ESD]
Yu:2006:MDL

[YLCL06]

Ye:2016:RMU

[YLGL16]

Yuan:2019:NSP

[YLHL19]

Yang:2014:MMG

[YLHL14]

Yang:2017:HSC

[YLJ17]

Yang:2018:EFA

[YLJL18]
Bo Yang, Zhiyong Li, Shilong Jiang, and Kequin Li. Envy-free auction mechanism for VM pricing and allocation in clouds. *Future Generation Computer Systems*, 86(??):680–693, September 2018. CODEN FGSEVI. ISSN 0167-739X.


Yoshida:2000:WEK


Yang:2013:ECS


Yan:2018:CBR


Yuan:2017:GTB


Yi:2018:SCS


Yang:2012:BOC

[YNSM12] Xiaoyu Yang, Bassem Nasser, Mike Surridge, and Stuart Middleton. A business-oriented Cloud federation model for real-time applications. *Future Generation Computer Sys-
Yu:2014:SAM

Yoshimura:1989:RBA

Yeom:2012:MAA

Yu:2014:FAC
Xu Yu, Li Peng, Zhixing Huang, and Hai Zhuge. A framework for automated construction of resource

Youn:2005:BPS

Yoshimura:1989:RBA

Ye:2019:ISA


Yang:2017:EEV


Yoo:2016:CRD


Yang:2015:AMI


Yassine:2019:IBD

Abdulsalam Yassine, Shailendra Singh, M. Shamim Hossain, and Ghulam Muhammad. IoT big data analytics for smart homes with fog and cloud computing. *Future Gener-
REFERENCES


Yang:2018:HBH


Yang:2018:SAD


Yang:2017:MRT


Yu:2017:SSS

Chen Yu, Namin Wang, Laurence T. Yang, Dezhong Yao, Ching-Hsien Hsu, and Hai Jin. A semi-supervised social relationships inferred model based on mobile
REFERENCES


**Yang:2018:MSM**


**Yu:2016:CDI**


**Ying:2018:CHA**

REFERENCES


REFERENCES

You:2012:WFQ

Yang:2018:PPF

Yang:2014:IIV
Yu:2015:RDP


Yu:2014:GSO


Yang:2018:ERB


Yao:2018:EJC


Yuan:2019:GCS


Zhang:2013:NBE


Lotfi A. Zadeh. Mind over machine: The power of human intuition and expertise in the era of the computer: Hubert L. Drey-
REFERENCES


Zikria:2018:SRP


Zudilova:2005:SSI


Zhu:2017:ROL


Ziafat:2019:HSO


Zhao:2009:SSW

REFERENCES

0167-739X (print), 1872-7115 (electronic).


REFERENCES


[Zhang:2014:MOS]


[Zhao:2016:NPC]


[Zheng:2019:PPC]


[Shaobo:2018:EPT]


[Zhao:2016:NPC]

[Zhao:2018:EAC]

**Zeng:2004:CDD**


**Zhu:2004:PDM**


**Zhang:2011:WSW**


**Zhang:2018:DDB**


**Zhang:2018:RAS**

Zheng:2018:CAM


Zaki:2013:ADU


Zou:2007:DLK


Zhou:2016:IBP


Zou:2018:MUA


REFERENCES


Zhou:2013:ARS


Zhang:2019:ADW


Zhang:2010:CRU


Zhang:2017:NAV


Zhuge:2017:AMC


Zhang:2017:NAV


Zhang:2013:EPL

Zhou:2018:PAC


Zhang:2018:IBR


Zhuge:2007:SSS


Zhuge:2010:SSS


Zhuge:2014:CPS


Zhuge:2004:SRG


Zhu:2018:IBD


REFERENCES


Qinghua Zheng, Rui Li, Xiuqi Li, Nazaraf Shah, Jianke Zhang, Feng Tian, Kuo-Ming Chao, and Jia Li. Virtual machine

**Zhang:2017:APO**


**Zhu:2017:RSM**


**Zhao:2015:ESS**


**Zhang:2010:MPO**


**Zhu:2018:ADP**


REFERENCES


REFERENCES


Zhu:2014:EPP  Tianqing Zhu, Yongli Ren, Wanlei Zhou, Jia Rong,

**Zang:2018:CMB**


**Zhiyi:1990:CAE**


**Zanikolas:2005:TGM**


**Zudilova:2005:BCI**


**Zhuge:2010:STS**


**Zhuge:2016:SKG**

REFERENCES

www.sciencedirect.com/science/article/pii/S0167739X16302114

**Zvara:2019:ODD**


**Zhu:2012:SSG**


**Zhang:2008:PTR**


**Zhou:2019:AFG**


**Zheng:2018:GDP**


**Zhou:2017:KIC**

Qunzhi Zhou, Yogesh Simmhan, and Viktor Prasanna. Knowledge-infused and consistent Complex Event Processing

**Zhou:2018:SHT**


**Zhou:2018:TPW**


**Zuo:2018:CSA**


**Zhang:2015:PHT**


**Zhang:2014:DBS**

Li Zhang, Xiaoping Sun, and Hai Zhuge. Density-based spatial keyword querying. *Future Generation Computer Systems*, 32(??):211–221, March 2014. CODEN FGSEVI. ISSN 0167-739X.
Zhang:1990:DDM

Zhang:1991:DDM

Zhou:2018:TTA

Zhang:2017:SED

Zhu:2010:CCC

Zhang:2018:MEE
REFERENCES

Zhu:2019:CTB

Zhu:2018:EHM

Zhang:2017:CBV

Zhang:2013:OPD

Zhang:2016:ESM
Jilin Zhang, Jian Wan, Fangfang Li, Jie Mao, Li Zhuang, Junfeng Yuan, Enyi Liu, and Zhuoer Yu. Efficient sparse matrix-vector multiplication using cache oblivious extension

Zhou:2004:AUO
Zuo:2019:LBN


Zhao:2012:PAP


Zhang:2013:TTD


Zhong:2019:SVL


Zhang:2018:SAC


Zhao:2012:PAP


Zhang:2013:TTD


Zhong:2019:SVL

REFERENCES

www.sciencedirect.com/

science/article/pii/S0167739X18302656


[Zhang:2018:ORQ]

Zhao:2019:NAS


[ZWZ19]

Zhao:2019:SCT


[ZXD+19]

Zhao:2014:EFH


[ZXJ+14]

Zhao:2014:SCT


REFERENCES


REFERENCES

Zhou:2014:PBM


Zhou:2018:ESH

Lu Zhou, Youwen Zhu, and Kim-Kwang Raymond Choo. Efficiently and securely harnessing cloud to solve linear regression and other matrix operations. [ZZF18]

Zhang:2018:STII


Zhang:2016:KBD


Zhang:2018:MCD

Bo Zhang, Qian Zhang,

[DZL+10]


[ZZH17]


[ZZL+10]


[Zou:2010:CTV]


[ZZLR18]

Zhou:2018:DSH


Zheng:2004:LDT


Zou:2013:DIT


Zhou:2019:MCM


Zhang:2018:ELM

