A Complete Bibliography of Publications in Future Generation Computer Systems

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Title word cross-reference

(L, α) [SLW11]. 10 [ABB+03]. 16 [Goo01]. 2 [CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]. 3 [CPD+15, CH95, EMB98, EdBG+99, IdLR01, JHL+06, KCK04, Kni89, KA88, MJ98, MJ06, RICW00, SGL99, SHN10, WKF03, XYZ05, YMM00]. 4 [Avg00, DMM+99]. $47.50 [Teb86]. 80/20 [MRH17]. + [PYH+18]. 2 [LG08, OSCY93, WWT+16, ZY04]. 3 [LHM14]. mv [DGS09], 3 [TMDZ15]. D [PP06, SW02], D2 [DRS04], diam log(diam) [SW02]. $1 [Tre03]. $ [GPS13]. K [ZZC14, CCJ16, PSLZ18, Pan95b, SAKOK03, STA17a]. λ [LJY04]. AVISP[A [BGC+03]. μ [JD94]. ~

[Ref87, RW18, SvAS01, Pan95b, SAKOK03]. Q [CLL+18a]. R [CPK05]. R2 [TY11]. τ [RGDML16]. u [HZM14].

* [Vin16]. *AIDA [WM14].


-orthogonal [PP06]. -phase [CEGL01]. -pillbox [HZM14].

.NET [AW03].
06 [Igl07].


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

4 [KSY92]. 4CaSt [MVG +14]. 4K [HKU +11, HSP +13, KSK +11, MBC +11, SST +06, SKF +09, SKF +11]. 4K/2K [SKF +11].

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


7th [BGL08].

84 [Ano84e], ’85 [Ano85a], ’86 [Ano87j]. 8K [KSK +11].

90s [Dub91]. ’92 [GD93a], ’97 [Kaa98].

AAA [GdLvOT03, KKK07, MLM16]. AAA-based [MLM16]. Aachen [BLB03]. aasService [GMP +17]. ABC [JFZL17, X LW +17]. ABE [HQZH14, ZSW +18]. ability [PIKM02]. Abnormal [LSL +15, WLZ +14]. absolute [HKP10]. Abstract [CPB00, DHS00b, GGC17, Ném00, AC92, BM00, DDV92, DHS00a, DK00, FTD17, WG00, dB90]. abstracted [AAD +13]. abstraction [AFS16, KSM +07a, KSM +07b, MRV01]. abstractions [Kea99]. abuse [JSMG18]. AC [HMYW14]. Academic [Teb86, vdR87, vdR87i]. accelerated [HSP +13, LZX16]. Accelerating [FRB +14, VBS09, KKL11]. acceleration [ABF +15a, VF01]. Acceptance [SAPA17]. Access [BL13, BX04, DCMC15, HRR +14, WZ08, AS99, ABF +03, AMHJ10, BCCW01, CC98, CJK +18, CCM +14, DW11, DAM08, DLDGMP16, Doúg09, FNA11, FX07, FS18, FSM +18b, GMHX10, HLCL16, KIS11, LLM13, LSW13, LHO17, LHC03, LZLL18, MAC14, MYBMM18, MLM16, Mer13, NRV +17, NJ16, PFRC16, PSLV02, PH07, QGT +18, SMSF18, Sin07, SCL14, SYK +17, SZR18, WTH84, Wal86, WC06b, WC06a, WG13, YAX +18, ZZ15, ZCL +18, ZDW +16, ZMN99]. accessibility [DFG +00, RMMPP17]. Accessing [CLH10, YSC +15, YCY10]. accident [MCA02]. accountability [HCL +17]. Accountable [XX14]. accounting [BBC +12, PGPW09, SRG +03]. accurate [BL13, BW13a, BW13b, IMD +16, KSAOK08, S17b, WN10]. ACEIS [GACM17]. achieve [CWD04]. achievements [Ano87, Nis93]. Achieving [D11, GE00, JLC18, KHH13, LSL05, TSCL17, XX14, HRF +06, NHJ +11, WCL +17a, WHS +18]. ACID [KJI11].

Acknowledgement [Ano07, Ano08, Ano10, Ano11a, Ano12a]. ACM [KZ17], ACO [GPJC17]. ACO-based [GPJC17]. acoustic [WTP +13]. acquisition [BDZ13]. across [BCPS03, CTVB12, LLM +16, LSVML13, PBC +01, SG17, SFR15, Sin07, TMMVL12, UNM +16, WTR +13, ZZH +16, dFVP/H +14, SMSF18]. action [Cad86, GdBW06, KFP +02, vDDBB98].
Activated [SHJ06].  
[SSZ+17, ZBL+14].  
Active  
[BBG+05, CCK+04, KMI11, SFR15, STC15, BGL+05, FGG13, HC99, LQK+16, MKTS00, XFL116].  
ActiveSort [LQK+16].  
activities  
[diFVPSHL+14, vdR87l].  
activity  
[BDE17, CHWW13, GMP+17, HUMA18, MSS+13, OCW14, dSGD13, GMP+17].  
ActivityaaSService [GMP+17].  
ActOn  
[LYW+16].  
Ad  
[KIAD17, YFY+13, GR07, LBYL08, LM07, LLJ+11, MV09, SGGC+16, SM01a, VCD+18, ZF16].  
Ad hoc  
[LYW+16, DM+09].  
AdaBoost [LLS+14].  
ADAMAS [RM16].  
adaptability  
[MC04].  
adaptable  
[GL04b, PMLVL+13].  
adaptation  
[AKM18, FTD17, FA11b, PWB+13, PSB15, Reu03a, SGH+08].  
adapted  
[LYW+16].  
adapter  
[AG05, SPR+10, SJV12].  
Adaptation  
[AG05, SPR+10, SJV12].  
Adaptation+  
[AG05, SPR+10, SJV12].  
Advantages  
[SW17].  
Advertisement  
[An05e, AMH02, ADH92].  
advisory  
[BDE17].  
aerodynamic  
[BBC+99, LKG08].  
aerosol  
[XAW+10].  
Aerospace  
[WPP+08, AFT+16].  
Adaptively  
[YPCK12, CLH10, JDW+14].  
adaptivity  
[SOR05].  
Addison  
[Zem86, vdR87l].  
AddisonWesley  
[vdR87l].  
address  
[ABF+15a, DL00, GFD14, SVC+07].  
adressable  
[De 88].  
Addressing  
[HNCJ13, ZL12, BFS+17a, BFS+17b, DvdHdL06].  
ADIC [HNS05].  
Adjoint  
[GKS05, HHG05].  
adjusting  
[Lea13, YWY+09].  
adjustment  
[HPLL09, LNJ04, TJ18].  
ADL [Bac14].  
admission  
[MSLP93].  
administrator  
[HY09].  
admissible  
[QPTGG+12].  
admission  
[Che13a, KLM+03, MWPVB12, SMA08].  
adoption  
[CRK16].  
adults  
[CAS+18].  
Advance  
[CJ+18, DVB14, CFG+05, ET08, TCCC11].  
Advanced  
[CSY+18, DO15].  
GCPGBGS10, Gilisb, PPB16, PZY16, PZY17, SGGbC04, VLAC+13, ZL018, ADT03, ALL+18, Ben99, Cuz14, DFRW17, Hab05, KKL09a, Mam09, MLC+11, MVG+14, MI18, NHG02, NHG03, RRH16, WdL16, Ano84a, CMZ95, EGK+07, VO17].  
Advances  
[CLCY18, DPD+14, KGWV14, Pal16, TCG14, WQ14, ADLW12, BB12, HMA15, KUS13, vdR87c, vdR87a].  
Advantages  
[SW17].  
Advertisement  
[An05e, AMH02, ADH92].  
advisor  
[CRTN17].  
aerodynamic  
[BBC+99, LKG08].  
aerosol  
[XAW+10].  
Aerospace  
[WPP+08, AFT+16].  
Affection  
[LW+18].  
affectiveness  
[XY+16].  
AFT  
[PIP18a].  
after  
[BORM07].  
Against  
[SCH+17, JL14, JCL+15, JSMG18, KIAD17, WLY11].  
agency  
[NTN86].  
Agent  
[FR08, TA96, BDP+11a, Bar11, GML17, CTT+18b, COC10, SFR15, HOS8, HKBG+16, KMB+17, KV+18, Kim+14, KB16, LJJ+17, LL03, MIO0, NWE04, PSA+09, SGG17, WWW+17, WXZL11, FM08, Gra92, LWH07, NMC05].  
agent-based  
[BDP11a, GML17, CTT+18b, GGS13, HOB8, HK+16, KV+18, MJ00, NMC05].  
Agents  
[KSS11, AMH02, ADH+16, CWD04, CSJN05, ESPP01, GOW03, HGL17, KRLR01, KFBD+14, LCC+12, PB+13, Sch00, SMS14a, UTT00, VRGR16, YP12, BMS05]
aggregate [JSC+15, LLL+18, YFY+13]. Aggregated [HJK+18, RGC+10]. aggregates [NCS04]. Aggregating [SB17b, HQ10]. aggregation [BMZ10, CLR16, CIK10, DLS+12, ECPF17b, KV12, LCBF13, LLQS14, PvSS17, RBLvM14, TASS+18, WWDF18, ZHH+17]. aggregation-capable [PvSS17].


calculate [WLB00]. aggregate [JSC+15, LLL+18, YFY+13]. Aggregated [HJK+18, RGC+10]. aggregates [NCS04]. Aggregating [SB17b, HQ10]. aggregation [BMZ10, CLR16, CIK10, DLS+12, ECPF17b, KV12, LCBF13, LLQS14, PvSS17, RBLvM14, TASS+18, WWDF18, ZHH+17]. aggregation-capable [PvSS17].

aggregator [LLQS14]. Aided [LAU92]. AI-based [MJ00, OKU92, Poh87, TC92]. agriculture [BNJ16, KH89]. ahead [Eng14, WYBS11]. ai [Pud87, Fuc93, Lau92, MJ00, Oku92, Poh87, TC92]. AI-based [Lau92]. Aided [dRSBH94, LYL15]. air [ZXW+18]. airborne [HY04]..air [BBL05, ECPF17a]. Airport [RdSH+00]. AIV [AFPG91, AFP+92]. AKL [HJP92]. al. [RLM18]. Albatross [KBM+02]. alert [NJKH13, SSB13]. alerts [CPP16]. algebra [BFR05, BCG05, Dal03, DHD89, Igl07, Lop03, MKM11, PIH94, WZ16, vdV89a]. algebraic [Che13b, MD00, SSC04]. Algorithm [ABF93, TKA18, VSvD95, Aba06a, AHEM17, AA18, ATF11, AI16, Bag11, BZMY10, BMT12, CPDJ13, CLRL17, CCL09, CJ14, Che18, DS04c, EAA16, ESFD06, EA17, FLT17, GKI05, Ger02, GPS+17, HZC+08, HHS98, HXWW18, HLL+17, HM98, HBN+13, HLZ18, ISS+15, JM01, KHMB13, KKS18b, LC17, LPC04, LKG07, LLpC12, LYQ06, LCL+16, LSZ+16, LGY+16, LJJ18, LC15, LLWN04, LLZ07, LAH10, LZXG12, LLSL18, LD04, MNV12, MHC14, Mar02, MP02, MAC17, MV50, MFT+17, NP06, NPP12, NWW17, OVDV98, Par04, PKF14, PRC+14, QMSG12, RGAT18, RS17a, RICW00, SR12, SR04, Sch03, Sma08, SCK+00, SO98, SVB07, SYAL13, SLB+17, TDFZ18, TLL+11, TJZ+15, TZLL18, TMT+07, TdPF+17, VAdP12, VPT+15, VAS95, VMN+18, WYBS11, WCL+17b, WJZ+17, WAL17a, WCC14, XY15, ZRZL18, ZWL13, ZBL+14, ZRZ+14, ST11, SM10].

Algorithmic [CCG07, Hab05, WM14, Yos89]. Algorithms [ABMS05, Ber06, DHD89, MJDN15, ANE13, AT01, AGKZ18, AB16, BPS06, CGM+18, CF03, CSQ17, Cuz14, DE03, DP03a, DQ97, DRNC09, Din99, Dog09, DMW04, DBT00, DDS00, ET08, ESPN17, EP13, FK12, FGM11, Fio06, FM10a, GRH05, GJS+94, GODM98, GA06, HLvL+97, HZ10, HV03, JS09, Kha12, KKP+05, KGT15, KVHT10, LR01, LLC11, LKG08, LC01, Mire, MVCC10, SC16, SG13, ST99, TLY05, VSDD13, WQL10, WWT+16, WZJ+17, YJA03, YFY+13, ZLG+14, LOJ+07]. alias [MWYC12]. ALICE [PCFP+17]. Aligning [SBLW14]. Alignment [MFE+08, CS05, KKVdR+17, KSM+07a, KSM+07b, Sch01, YD05]. all-by-all [BORM07]. all-optical [Pal06]. all-to-all [ZTKF17]. alleviate [DV13]. Allocating [QMSG12]. allocate [LLF+18a]. Allocating [MDD15]. Allocation [DFC+08, AOIS10, BAB12, BCDP12, dCCDFdO15, DVB14, DVD12, DEG+17, EMJ+13, FDR17, FPEC18, HMY17, HDLW13, HLL+17, HPLL08, IAL10, JSS+12, KKW+14, LNT13, LPK17, LPK18, LL04c, LWD+14, NCS12, PSP16, PPL+15, QMSG12, QPTGG+12, SCMS12, TTH15, TSBH11, VDPHS20, VAU93, WY17, WCC+09, YBQ07, YCY10, YSC+15, YC13, YY12, YMY+17, YYW+09]. allocations [SMS14b]. allowing [VRG16]. almost [LD04]. along [DFLO17]. Alternative [BDL06, DFT12]. Alvey [ANO4a].

Alzheimer [KKP+05]. Ambient [YGS16, FKTA14, MLGGB+17, Od114, TF17, VRG16]. ambulance [KKS+18a]. amebo [Len01]. among

[ELVD+96, GSY+18, LLF+18a, SAGGB17].
amorphous [Ole07], amount [PCB99].
AMPIC [CCHW03]. amplified [SLDK03].
AMROEBA [MGYC06]. Amsterdam [vdR87c, vdR87e, Ano86i, Ano87b, Ano87c, Ano87l, Baa87], analyse [Bel16], analyses [ATdC16, GCBM17, JHC10, OdOD+13, SBA+17].
Analysis [AM17, BBC+17, KVR15, KCH+13, Li15, LRYJ17, MG16, SAKOK03, SGY+07, SB11, WTG+14, ASV+13, ASO2, ABB+03, AMW99, ABG17, ABK94, AGKZ18, ATX13, BCT+07, BPP+07, BSRR18, BBC+13, BPS+03, CSV+12, CA15a, CP06, CRCV13, CFM17, CGIP14, CPE+17, Cha15, CHC+17, CLL18b, CRYG18, Cho04, DDMPG17, DMM+18, DDL01, DMM14, ETR+13, Fah98, Fer13, FNA12, Fio06, GI07, GHMX10, GAB+14, GL05, GLNT13, GY16, GPJ17, HHL11, HNP05, HKM+06, HMW14, HLL12, HJK+04, IPCA+16, JBC16, JAA09, JSS+99, KZL06, KPS18, KN06, KVC11, KV03, KU01, LSB+18, LOK9, LGMV02, MLL15, MZH+17, MT17, MEBA12, MOK06, MLZ+00, NJW+06, NKP16, NJ17, OKF10, OCCK14, PVN+12, PH07, DLS14, PTM+18, Qin07, RL98, RS16, RAA+18, RLM18, SOR05, SOA17, SHN10, SG17, SWW+13, SLS+09, SK06, TBK+10, TLSC17].
analysis [TBNF09, VBL09, VR12, WDJC18, WSS+09, WZL18, WBF08, WZ16, XTZ16, Yam89, YPCK12, ZZDM+18, ZSX+15, ZWWL18, ZWJ04, ZXL14, dACAM13, DDI+13].
analysts [SOA17].
analytic [MMVP13].
Analytical [JAA07, ZY04, CPGB06, GS13, JS13, KSAO03, PBA18].
Analytics [PN13, BA17, BMP+16, CMP+17, DGCH+17, FRM+18, HHZ16, MID16, WHYZ18, ZHZH+16].
analyze [BPAP92, RWV+13].
Analyzer [VOV17, SHLJ13].
Analyzing [AT01, CRB+16, CBLS13, HHD+12, UZ11, WMLS14].
and-or [GC94].
AND-parallelism [ZS90].
anddata [CC98].
anddata-parallel [CC98].
Android [GMC18, DMM+18, GMC16, MRL14, WWH+17, WLW+18, ZCQ+16].
ANEJOS [SM01a].
Aneka [VCKB12, CVKB12, TSB18].
aneurism [HORC04].
ANFIS [BBMG10].
angiographic [RICW00].
angle [XZ16].
angle-based [XZ16].
animal [Mor01].
animation [AMA00].
animations [DK00].
anisotropic [KZ04].
Annealing [GODM98, VSvD95, Cha11, SZ98].
Annealing-based [GODM98].
annotating [AFA18].
annotation [GMP+16].
Announcement [Ano84b, Ano87a, Ano93b].
Announcement [Ano93c].
Anonymous [NK17].
Anonymous [WWD18, AIB+18, LHM14, LYL15, VCD+18].
anonymity [Opp00, TVV13, WHS+18, YHL16].
anonymization [NK17].
Anonymizing [ZZL17a].
Anonymous [AnyLogic [MVS00, MC00, WLB00].
AnyLogic [BKK02].
Apache [APA [JNR12].
Apache [HSV+17].
APHID [SGKC10].
API [BC17].
apicalis [MVS00].
APIs [BBC+17, RMJ+18].
App [PS13, CMVA18, WWH+17].
appears [Hen87].
appliance [FTK17, KTKN11].
Application [BB17, BHRT98, DRNMC09, GEAR13, GZ+18, HMH17, JNR01, KLMZ16, KJK10, MED16, NB04, PKC+05, SCL18, SWW+13, SCL14, SBA+05, TKT+08, WMBV17, YWA+89, ASW11, AHP16, ASTEP98, AKPN01, ABB+03, AS14, BMS05, BMFC07, BWR12, BKKM11, CPD13, CHJS+10, CPE+17, Ctn10a, CRB+16, CGSZ95, CW93, CDRS05, DDV92,
application-based [WWD +14].
application-layer [ZJW +14].
application-level [RPMG10, SRZD15, SEMJ11, SSL13, WLYL11].
application-specific [DR05, KANS18, WBF08]. Applications [Ano86i, CHK98, CSP98, DDM +08, KLM +05, PN13, WHW17, ZZLR18, dRSBH94, APAZ17, AOIS10, AW03, ACH +11, AKCY +17, ATJMZ02, AASI17, AHL11, AJY12, AD00, Ano87b, AB16, BMRW01, BBFW03, BGI +14, BC15, BC17, Ben99, BPS06, BDNP13, BB06, BKSS02, BLAV06, BCW01, BCG05, BFK02, BFW +03, BFK02, BFW +03, BGK +05, Biuc05b, CGN18, CGCB +12, CVKB12, CTVB12, CGPBC16, CSdCM +17, Car03, CSW06, CRVZ15, CBK +01, CAI15b, CMZ95, CCL11, CXL +17, CW13a, CGL15, CGSV17, CCHW03, CN98, CRM05, DZ98, DHHB02, DST10, DST14, DMG +08, DFG +00, DMM +18, DPL14, Dub91, EAED18, EMB98, EO86, EMJ +13, ECA +18, EKGS14, ETR +13, FTP14, FRM +18, FHM +99, FS07, FFC12, Fri14, FM10b, FdSC07, FSP +18, GVURIVB14, GBS10, GAW +18, GHWZ04, GJP18, Gi85a, GKW +12, GMA07, GMB +05, GM16]. applications [GVD +03, GPS +17, HY09, HGG +14, HC17, HRSW99, HKPT10, HXA +17, HHW11, HSC15, Hua05, Hum92, HMC06, Ig107, IDCJ11, JOPW14, KT08, KA09, KZLK06, KMB16, KZ14, KC14, KST92, KS02, KMK09, KB00, KAS +18, KKP00, KB09b, KKKM17, KKKM18, LB03, LC04, LJLIW13, LMZ +14, LRYJ17, LCL14, LZYC13, LZX16, LS08, Luk00, MTNM08, MBB10, MFK13, MWC +03, Mam09, MVRM08, MZC08, MZC10, MVD +19, MM08, MAD +16, MTH +05, MDD15, MRL +14, MLZ +00, MMRL17, MVL +13, NF13, NAGD18, NS10, NHG06, OS01, Pa06, Par94, PKY +17, PC17, PMPC13, PBHK01, PA01b, Pro07, QCYJ17, RRS10, RBJ +13, RBS93, RMCN +10, RVC6b, dRRRR +18, dRRdQGR +18, RSJ +14, RBC +15, SHN10, SBHD08, SG05, SBAD +18, Ser95, SY04, SD06, SPR +10, SB17b, Sil12, SSKK13, Sil14, SL97, SPM66, SLJ +06, SG14, SCC04, SPEW09, SSK +08]. applications [SSMG95, SVN10b, TAHS14, TJL00, TBB +17, TS18, VCKB12, VETT16, WYBS11, WTM +17, WY17, WS05, WL05, WCVL12, WBKL16, WOPW13, WG13, WWT +16, WHYZ17, XLZ18, YHJC05, YNSM12, YFYY +13, YJHZ14, YLC +06, YL16, ZME +15, ZZ15, ZCK +15, ZCS +16, ZBB09, ZBF14, dSFP +17, dKdO03, vdR87c, vdR87d]. applicative [OBK88]. applied [DDJ +13, KG01, Szu98, WAE06, ZPPE17]. Applying [CFVP03, UB07, ACML05, KNI +18, NWE04, OCDAM07]. Appraisal [Tic93, vdR93b]. approach [ABZK15, AR18, AGF +01, ACSdRR17, AGP +02, AE97, AIPV17, Ano12r, AB17, AB18b, ATX13, Bae14, Bal16, BBWB +18, BNXD11, BFS +17a, BFS +17b, BP01, BRS04, Bel16, BRH18, BAC02, BMZ10, BCPS03, BVDF00, CGCB +12, CCRV13, CA13, CPK05, Cha11, CMP +17, CM99, De06, DSH +17, DAM08, DA16, DV13, DLDTGPPM16, DMM +11, DMD10, DLX14, DPL14, DC00, ED04, ECA +18, FTK +14, FJL +16, FEPC18, FPPD14, GKI05, GAJP18, GNG17, HAA05, HO17, HHL11, Ham17, HZC10, HLYW17, HB09, HHH +16, Ho93, Hua10, HQ10, HZH16, JLC12, JS13, KSS11, KZA +18, KTKN11, KKB14, KJJ11, KA08,
Approach
[NS17a, NSP07, NJKH13, Nos98, Pal13, PC17, PNZ14, PDV+11, PPB16, PPJ95, PA01b, RGN+18, RLP12, RW16, SBCF16, SB97, SZ12, SMS14a, SGJ18, SCMS12, SBA+17, SMM+14, SLL+17, SAC11, TV16, TOS18, TNS+17, TC92, UZ11, UPP17, Var03, Ven93, VGBLGS+06, Ven08, VV16, WN10, WXZL11, YAO14, YP12, Yos89, YZ12, ZBT17, ZFY16, ZSR0, ZL04b].

Approximating [DK14, GPS13, MM03].

Approaching [CAC+10]. approximate [SK04].

Approximation [Th06, SC16, Tab06]. approximations [Gue01]. apps [AMRM18, DC18, WLV+18].

AppTCP [WWD+14]. APT [DC18].

ancestor [khsZwJW18, JLL17, VMSRM12].

archaeological [KK9+16]. ArchaeoSTOR [GM9+13].

archeological [GML+13].

architect [GLSV07].

Architectural [GS95, KR14, GBMP13, LTM+15, Niv89, QCD16, SSK+08, TNL+18, TSOB15].

Architecture
[CBS17, FP03, GLM+12, Ger02, Her84, HKT94, MBMTJR18, RSRV88, SCL18, ZDL+13, ZLG+14, AKB+01, AG92, AD14, AGP+92, AMW99, BBC+17, BBG+05, BCC+17, BRH18, Bm95, BGL+05, BDH14, CST91, CFO+05, CBK+01, CJ14, CWW+13, CW+16, CS96, DVD12, DGG+17, DJ13, EDH+13, ES94, FNA11, FRM+18, GDI+13, GD10, GD05, GS+17, HDO16, HHS98, HO02, HML07, HML09, JYY+17, KS11, Kat04, KHL+04, KKK07, Kim07a, Kim07b, Kob92, KGLA85, LG08, LLW+12a, LKN+13, LFP+17, LHL03, LHBC16, MH01, MPCA15, Mar90, MPF+16, MRH17, MHA08, MPPM09, Mrr88, Nénm00, OBK88, OFT09, OBG+18, PO00, Par06, PSW+14, PSR+07, PSA+09, PBC+11, PPM+18, PML+13, PSS01, PSBB15, RHPV17, RCOP+11, SA07, SZC05, SS02, SGK10, SD03, SHJ06, TSTD16, TJL+10, VET+16, VDK12, VFHB14, WSH+16].

architecture [WZ16, YAJG+15, YS16, YCX05, ZMP10, GMEL08].

Architectures
[DO15, HYZS16, HV84, P699, TKRA14, VDTK12, BFLL99, BSCC06, BFP18, BW95, BPC+14, BSG+05, CA15a, CDG+14, CG09, CGP14, CCL11, CPGS14, Dnh91, DLH+17, DDB14, DM12, FFC12, Gl85b, GRPC+17, Her87, IGB+14, JP17, JBA94, Kun94, LX13, Lop96, Lop93, MAC14, MSLP93, PSSP16, Pal13, SGdMM96, TR85, UWV92, WBT05, ZMN99, dLB10, VM94].

archiving [Fin99, GML99, ILJ9+08]. archives [AMW99, HC99, SB99].


Ardent [LM90b]. Area [PP10, AL14, GG+06, GGSZ09, GG10, HLYW17, LCF13, LRJ+06, LWSC07, NAGD18, OS01, PSLV02, RRR99, SCS+18, VLS09, vD87].

Arranging [CCK+18, EFD+00, Ven92]. Arrange [CCKW88, VV92, Pan95a, PHL98, WHZL10]. Arrays [Dui89, EFD15, Van92].

Arthritic approximations [DKFKF18, OAMS18].

Arrhythmias [WMLS14]. Artery [TSK03].

Arthroscopy [DIK9+06]. arthroscopic
Artificial [WWSM98].

ASPEN [LM90a].

Assembly [KM01].

Assessment [SG15, ZGS+13].

Assigning [HCL+17].

Assignment [AAM+16, DLXR14, KMT+12, LXD17, LHC03, MC00, RS17a, RN01, THKG98, TRFR01, TdPF+17, VAdlP12, Var03, VTTK17].

Associate [Ueh89].

assistance [Ohy89, SOR05, SZD+17, Tak89b, TD95].

assistant [KFF89, LCMX+6].

assisted [BDS+10, FKT14, HDLW13, LLC14a, LK08, LNY+18, RSK16, WXYL15, WMLL17].

association [AVPV17, EBOY14, LHW+18, SA97].

associations [GJ18, KZCW13].

Associative [CC98, NSI84, SSZ+17, Ami90, CMP+17, WGL92].

assurance [GSC11, LLW+12a, WWRS16].

Astronomical [SB99, GML99, OFO+99].

astronomy [HJPS03, LBM18, PCM99, SLJ+06].

astrophysical [RBS93].

astrophysics [MGY06, BAD+05].

asymmetric [CCRYG18].

asymptotically [CKR04].

Asynchronous [SM01b, AT01, CCL11, DOV01, ESFD06, MMR02, PSvSS17, Pap05].

asynchronously [SLG+17].

ATLAS [KVR15, KMC03, Ueh86].

ATM [MK04].

atmospheric [PPZ12, WJZ+17, ZDL+13, AKMK05].

atomic [Bag11, Tor04, OB04].

Atomicy [WLF+09].

ATOP [SGH+08].

ATOP-Grid [SGH+08].

ATOS [Lau92].

ATREX [Tak89a].

attacker [PLGMCdF18].

Attacks [KL+14, KIAD17, KPS18, OA17, SCH+17, SSB13, VS13, ZJW+14].

attempt [SLZ95].

attention [FJA+18].

attention-scoring [FJA+18].

attestation [GZW18].

Attractor [Ami90].

Attribute [CDL18, KH97, LAL+15, LHL15, Rao17, SH90, SYK+17, WLXZ18, CIK10, FLT17, GB10, GGM+09, HYS17, JSMG18, LYL15, MWQ+14, QGT+18, SMSF18, SCL14, SCZ+14, SHLB08, YCT15, ZCL+18].

Attribute-Based [LAL+15, LHL15, Rao17, CDL18, SYK+17, WLXZ18, GGM+09, HYS17, JSMG18, LYL15, MWQ+14, QGT+18, SMSF18, SCZ+14, YCT15].

attributes [BFS+17a, BFS+17b, VLK09].

attrition [Mil11].

Auction [ZBL+14, IAL10].

Auction-based [ZBL+14].

audiences [PNH99].

audio [BDMO11, LYXT14, MSK03].

audiovisual [VWD+18].

Auditable [ED16].

Auditing [SK97, BSCC06, LYY+18, YXY18].

auditory [YXY18].

augmentation [AGKZ18, GBRM18].

augmented [BB04, KMOV+15, RMSPP17].

AUGUSTUS [SL+09].

AusPlots [TSTL16].

authenticated [ODK+17, ZWA18].

Authentication [ASO14, BDF05, AKB+18, BLAN+16, CHS11, HLC16, KVVE18, KLW+16, KLW+17, LC17, LHM14, LH13b, LHL03, LYL15, LNY+18, LWF+17, MCN+18, MR00, PYH+18, PLGMCdF18, SGGCR+16, SCS+18, SYW17, VCD+18, YHL16].

authenticator [SYY+17].

Authenticity [CBD+05].

Author [Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a].
Balancing [LCZR12, MD12, OSHH96, dRSS97, AA18, ADOKM06, BCMR01, BM08, BL02, CSJN05, CY01, Cho04, HLW12, KRZ12, KNK08, KMK09, LYMZ09, LZXW13, MM03, MKM11, PZA18, PGS05, PRC14, Qin07, SB97, SMG18, STJN18, SMA08, TZZ18, WCF15, ZGB17, ZMJ06, ZFC17, ZFC18].

Balancing balls [LGMV02].

Bandwidth [VS04, XDH17, AHP16, CGL08, CALN03, KWK16, Gra15, PBHK01, WLP10, WQG15].

Bandwidth-aware [XDH17].

Banking [GPA00, KVvE18].

Bank [ABCD00].

Barrier [Pan95b, SO98, WPJ16].

Barter [SM10].

Band [WY17, YW12].
LWF$^+$17, LLSR02, LZY$^+$16, LSF$^+$94, LMF$^+$09, MWQ$^+$14, MML$^+$18, MSS$^+$13, Mae89, MJM$^+$16, MCN$^+$18, MK17, MPH00, MBB10, MHJC14, MCSS00, MVRM08, MCT$^+$15, MJ06, Mar98a, MLDO8, MSBA16, MLM16, Mr17, MJ00, MX00, MLW$^+$18, MJRM16, MHA08, MHA09, MCD16, MYK16, Mor01, MPPM09, MW12, MWMA10, MCG$^+$15, MSR18, MK95, NKX09, NV11, NMA00, NRV$^+$17, NSP07, NCS12, NS10, NHG06, NLM$^+$16, NZL$^+$15, NJKH13, NHT06, NMC05, OdOD$^+$13, Ohy99, OCDAM07, OVK$^+$09, OP97, OBG$^+$18, PO00, PHY$^+$18, PNGFJ13, Pal06, PBV$^+$13, PFRC16, PS10, Par06, PKY$^+$17, PC17, PBC$^+$11, PLGMCdF18, PAB$^+$14, PQBP17, PTT12, PSp$^+$09, PdLS$^+$99, PSS01, PSBB15, PSK$^+$10, PPAK99, PN09, QGT$^+$18, QPO8, RC17, RBA17, RGA18, RC13, RRp$^+$14, RBH08, RT15, RS17a, RD14, RW18, SR12, SCL18, SS13]. based [SAGL10, SGCCR$^+$16, SM01a, SPK$^+$07, SEH99, SZC05, SH99, SRRJ13, SGL99, SM03, SMCG99, Sc01, STTK03, SBHD08, SG05, SSST17, SZ12, STA17a, SMA08, SBLW14, SYT09, SMSF18, SS17, SB17a, SB18, SSKK13, SCN$^+$14, SIL$^+$13, SAPA17, SCL14, SCMS12, SMM$^+$14, SNA92, SK17, SZD$^+$17, SYK$^+$17, SCZ$^+$14, SMZ$^+$16, SSZ$^+$17, SLL$^+$17, SZR18, Sun92, TCC$^+$14, TX14, TJWS10, TOD17, TLL$^+$18, TNY17, TMM$^+$13, TY11, TMDZ15, TCR$^+$12, TBNF09, TIHT14, Tur18, UGBM$^+$17, UPP17, VCC$^+$03, VVB11, VTTK17, Vau93, VGBLGS$^+$06, Ven08, Ven09, VCO03, VOCH17, VKK14, VM93, WWX$^+$17, WCHL10, WW11, WLYL11, WWCN13, WWD$^+$14, WLZ$^+$14, WZZ16, WMX$^+$17, WWVJ17, WRCC17, WCL$^+$17b, WWDF18, WSS$^+$09, WY17, WZL18, WFQ$^+$10, WCC$^+$09, WW13, WZ13, WYH$^+$17, WZCH17, WLXZ18, WXJ$^+$16, XCGD10, XLL$^+$14, XZ14b, XY15, XWL$^+$15, XZ16, XFM16, WXW$^+$17, XTT18, XZZ$^+$18, YMLT13, YAO14]. based [YFY$^+$13, YZLQ14, YWL$^+$17, YJS18, YXA$^+$18, YCT15, YARH18, YW12, YP12, YdOLS$^+$05, YXY18, YS16, Yos89, YZ12, YCX05, YPHZ14, YXA$^+$16, YWY$^+$17, YWF$^+$10, YMY$^+$17, YL16, ZF16, ZRZL18, ZSI08, ZA13, ZWL13, ZSZ14, ZZH$^+$16, ZWHC17, ZCH$^+$17, ZHL$^+$18, ZZZL18, ZWML18, ZZYJ16, ZBL$^+$14, ZLG$^+$14, ZLZ$^+$16, ZFC17, ZFC8, ZZC16, ZDW$^+$16, ZRZ$^+$14, ZaTZ$^+$17, ZL04a, ZMN99, dLLA93, mMM95, PMDS18]. Bases [Wie85, ABTF16, GZS14, NSI84]. basic [Dek86, LM90b]. basis [HAAH05, NK05, SOR05, TSBH11]. Batch [SS13, WSQ$^+$16, AQB15, JLL17, LH07, SVN10b, VCD$^+$18]. batch-oriented [AQB15]. batteries [BR04]. Bayanian [SH99]. Bayesian [CFL$^+$15, Klo05, KIM15, LYY17, TAHS14]. BBS [FHL95a, Ma94, PR95, RS94, Zna94]. BCN [ESPN17]. be [HN05, SOA17]. beam [GL04a]. bearing [FN00]. BECAUSE [Zna94, BP94, Zna94]. BCloud [Bel16]. bed [RR99]. Bee [HLZ18, HXW18, XLW$^+$17]. BeeCup [XZZ$^+$14]. Beerel [vdR87d]. began [Bur02]. behave [NMC05]. Behavior [BP01, CJEH13, BDWM17, BSQ$^+$05, FM10b, JM02, Lee12, LNB14, RWV$^+$13, SHRE16, SZ12, TIHT14, WSS$^+$10, WWH$^+$17, ZZ09]. behavioral [Ale97, CWJ16, KMK$^+$14, MS01, NJ17, NMC05, SBCF16]. behavioral-based [KMK$^+$14]. behaviors [WTG$^+$14]. behaviour [PRW14, Sch01]. Behavioural [RT16, PL18]. Behind [DM12]. belt [TTC$^+$14]. Benchmark [CGSZ95, Zna94, LM09b]. Benchmarking [DFGR14, EGKY$^+$06, GVD16, MML18, Port95, CCD$^+$10, ECA$^+$18, LSB$^+$18]. benchmarks [WYJ99]. benefit [BGV97, MEBA12, MVT$^+$99, SC16]. benefit-aware [SC16]. benefits [KK14, PNGF13, VVB11]. benign
[WLW+18]. Best
[FCW01, Gra01, IdLR01, KZ17, PF01, PSS01, SM01a, LBR02, WBT+08, Brut01].

better [FTD17, Mér17] between [BFP18, BRR+04, BCf16, DGGCl+17, DMN+05, HA18, HICAFM+06, LCL+16, LPE08, MF18, Nag86a, NJKF18, XLZ+14, YAO14].

Beware [Chv87]. Beyond [KSK+11, LW+13, PN13, Eng14, KDHP16, LSH95].


bicconected [AAC04]. bidding [WCHL10]. bidding-based [WCHL10]. Bidirectional [MAC17]. Bién [vdR87l]. bifurcation [AKH+04]. Big [BA17, CCR18, Jun17, KS17a, NNLH18, PN13, SNNX17, WRK+15, BGI14, CGIP14, CRYG18, CSQI17, DJPM18, FRM+18, FS18, GBY16, GSY+17, Hsu14, kHsZw18, HHZ16, HJ16, HJC18, JLC18, KOP+17, LFP+17, LYZC15, LSHW17, LHW+18, MWW+15, MPCAF15, NJ17, ODF17, PFRC16, PVS17, RTHB17, SB17a, SBA+17, SBD+18, SZD+17, SSZ+17, WXPL17, WMY+18, XB14, XFM16, ZFS+18, ZHL+18, CRW+16, CW16, DX14, GIS16, MCR+16, Sh1a16, ZSI16]. big-data [BG14]. BigFMC [GGN17]. bilinear [ZZ15]. bill [MD12]. billing [MK17]. Bin [BB17, SK12]. Binary [RSRD18, SBCF16, CCS9, HXWW18, LLZ07]. binary-search [MCC98]. binding [MLL15, MBS11].


Bioinformatics [MFE+08]. Bioinformatic [SF06, BCM07]. Bioinformatics [DP17, ABM+07, CCM07, CRSDs10, EDH+13, KTTK17, SSS02, SBAD+18, SLS+09].

Biological [MB01, YD05, Ami90, FGC107, Kol89, MP02, PB17, SWW+13, WRBG94].

Biologically [Pet95, Meu05]. Biology [LGS+07, AV00, CCBR98, SSMCM+17, Guo01, KG01, SJTG07]. Biomedical [CRSDs10, CMC+05, CMD+14, DMPP16, KTTK17, Ros89]. biomedicine [ABM+07].

Biometric [KHMB13, BWR12, GEAR13, KZA11, LTJK12, LK12, MR00, NWMG17, Sar18].


BitTorrent [AY16, HWZL08, WSU+10, WFC07, WLQ10]. Black [VVB13b, SHB99].

blackbox [CLL+14]. blackbox-oriented [CLL+14]. Blanc [OBG+18]. blast [YWA+89, BPC+01]. blending [ZY04].

blind [ZaTZ+17]. block

[BFK02, EV98, LCP04, SHJR04, VF01, VFS01, mMM95, vMF94].

block-preconditioned [VFS01].


[Ano18d, Ano18e, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k,
Brownian [vOB95]. browsing [FGRZ09, FD12]. BSP [HS98, HLS06, HM98, McC96, RS98]. bubble [IOO04]. budget [ABP16, CXL+17, WWT+16].

budget-deadline [ABP16]. Buffer [KD00, WWC+97]. build [BNXdS11, LL03]. Building [BH13, FKOC11, KTTS17, LF01, PWB+13, Ram95, SGP+09, SW06, YPF05, dVXB+11, EV98, FS07, GDRS04, GLSV07, HSS17, LRL+14, Niw89, SH99, VM93, WYN+90, Kos95, Zen86]. built [GZS14].

builtins [CYB90]. Bulk [GGLD10, dRRdQGR+18, GL05]. Bulk-Synchronous [dRRdQGR+18].

Bump-Synchronous [dRRdQGR+18]. Bumper [DR15]. burst [KK10b, ZCS+16]. bursty [GHMX10, TCBPR16].

Butcher [MKK03]. Byte [LTOT07]. Byte-code [LTOT07]. bytecode [Ber00].

C [vdR87a, vdR87d, LSZ+16, AC01, BR504, BEWZ10, CCHW03, DSS98, DZZ+15, HCZW17, HBCR01, Kun94, Lop93, PRS+13, Tao10, VBL09, ZWL+16, ZCQ+16].

C-means [LSZ+16]. C-oriented [WYN+90]. CA [SW02]. Cache [GSD95, HMC06, BSG+05, DSS98, DZZ+15, HCZW17, HBCR01, Ram95, Lop93, PRS+13, Tao10, VBL09, ZWL+16, ZCQ+16].

cached [Yam92]. caches [MDM+16, TD95]. caching [GSP+17, RMHC14, XWX+17].

CAD [DaR95, TS+95, TG04]. calculations [BvdHN+11, Gil94, LF95b, Mau94, ML11, RMHMG17]. Calendar [Ano84e, Ano84d, Ano85c, Ano85d, Ano85e, Ano85f, Ano86b, Ano86c, Ano86d, Ano86e, Ano87e, Ano87f, Ano87g, Ano87h, Ano88a,
Ano88b, Ano89b, Ano89c, Ano89d, Ano90b, Ano90c, Ano90d, Ano90e, Ano91b, Ano91c, Ano92c, Ano92d, Ano92e, Ano92f, Ano93d, Ano93e, Ano93f, Ano93g, Ano94e, Ano94c, Ano94d, Ano95b, Ano95c, Ano96a, Ano96b, Ano97a, Ano97b, Ano98b]. Calendar17 [Ano96c]. Calendar99 [Ano95d].

Calendaneous [Ano95e, Ano95f].
calibration [HLZ18].
calendarneous [Ano96c]. Calendar99 [Ano95e, Ano95f].

caliper [HKG].
carpooling [WLH16, WRCC17, WM07, ZDL].
carpeting [RHB08, Rou00, SMJ01, SB11, VM93, WX02, WH16, WRCC17, WM07, ZDL+13, ZXL14].
case-based [VM93].
casein [vOB95]. cases [de 94].
cataallactic [JRF+07].
catalog [GML99].
catalogs [OFO+99]. Catcher [BSE+13].
categorizing [WLW+18].
category [GGLW18, ZH17].
catons [DRS04].
causal.
causa [CPP16, DLW07]. caused [MHW+16].
CAVE [DDS+09, MvLwW98].
cavities [DNJG17]. cavity.
casein [CASSW05, VWCV94]. Cayley [DR03].
CC [ZSW+18].
CCA-secure [ZSW+18].
CCBKE [LZYC13].
CCGrid.

KZ17, LBR02. cDBN [Jun18]. cell.

BVDF00, EAA16, GL95, Pal01, SJTG07.
cell-vertex [GL95].
CellML [CAC+10].

CellML-based [CAC+10].
cells [BBP+07].
Cellular [Ban02a, BP02, BMS05, Ban02b, CM99, KCT99, Mur88, PIKM02, TS99, BMP01, Bog99, DRS+97, DSS9, DDL01, FLPP05, FW02, GZ04, HRSW99, JM02, Mar02, PSL+04, Pud01, Ser98, SKT02, ST99, TSPZ99, Wor99, CDRS05].

cemetery [MCA02].
Center [BMK+14a, CYH04, KAEC+18, LN13, LWD+14, LGL+17, LWW+13, Man15, MP17, NKP16, VOS12, XDH+17, YPLZ17, YGYW16].
centered [ABZK15, AP96, NRR+15].
centers [BAB12, DKK+13, FNR11, GS16b, GFB+12, GFW+18, Han03, QMSG12, RT15, SLD17, TDC+14, VTTK17, WTR+13, ZHH+16].
centre [Gal87, BT93].

centre [AMB03, LASL16].
Centres [CAB+18].

centric [APBD17, ACL+18, AT18, BS17, DGR+15, DMM+18, DGD15, GZL16, GMC16, GMC18, JTS13, LKN+13, PIP18a, QGT+18, RLL+17, XLL+14, ZW10].

Century [Mar98b, Mar98a].
CEPSim [HC16].
CERN [NNLH18].
certificate [LL16].
certificate-based [LL16].
certificateless [LH17].
certification [CB10, JLuo03].
certified [JHL13b].

CFD [LF95a, LZX16, OBG+18, SLZ95, WS05, YHJC05].

CGLXTouch [PD+11].
chaff [KHMB13].
chain [BDNP13, BBL+05, CLL18b, Che18, HXIL13].
chain-generated [HHXL13], chains [JFDF09, JLMR00]. Chalk [GDRS04].
Challenge [KZA11, BKM03, Her87, Rum99, STMV18, SGM11].
Challenge-response-based [KZA11].
Challenges
[Ald89, CCRL18, CDFW18, GS16a, GRL11, JC15, Jun17, MMW±15, SJTG07, YS16, AR17, ALK15, AC10, Ano84h, ALL±18, BHD09, CAC±10, CRSD10, CCIP18, CBBC±17, EGV18, Eng14, FFC±18, FS97, FJKK17, Fre94, GF14, Hu189, KAW12, Koi89, KARP14, KB09b, LGS±07, Meu05, NS10, Pot89, RdLM06, Rho89, RLM18, SJV±15, WWJ17, Wil89]. Chances [ALL±18]. change [PWB±13]. changes [BBJ±06, BNJ16]. Changing [DMSS97].
channel [CW±16, DS04b, SWW±13, SG05]. channels [AJZ±02, Dua94, GHM10].
chaotic [GI07, KLW±16]. character [CSC±05, TJ18]. character-based [CSC±05].
Characteristics [XY18, MPP13]. Characterization [ZCT±04, BARM94, KB00, PLGMaF18, dSF±17].
Characterizing [GdVC10, JTB13, JCD±13, KFC±07, MSS±13, WW17±17]. characters [SK04].
Chargeback [BKS±14]. chargers [CZ±18]. Charging [SRG±03]. Charlotte [BKKW99]. chat [MS03, DS00]. Cheap [HWS07]. cheating [DLMS15]. check [Che13b, LZZ17]. checking [LYT±05, PSS13, RW±13, SY17, YZN±15, YX16].
checkpointing [BCH±08, CGDS±13, CRVZ15, FC05, FMSS12, FRB±14, KKJJ10, LM12, RPMG10, RG04]. Chem [GAB±96].
chemical [CHWW13, MSKT07, SBLT05]. chemically [DY04]. Chemistry [Hö03, Bro92, GAB±96, LDSH95, ZDL±13, GMB±05]. Chichester [vDR87d]. CHIMP [BCM±95].
Chinese [TJ18, ZWWL18]. chip [BFP18, SF06]. chips [MPH00]. choice [BHRT98, SC16]. choking [AY16].
Cholesky [IST±04]. CHORUS [AGP±92]. CHORUS/Mix [AGP±92]. chromosome [kKBB11]. chronic [VFHB14].
chronological [MPP±13]. Chunk [ZZJ17]. chunking [WLA±17]. CIAM186 [vDR±87b].
CineGrid [DGdL±15, GHO±11, KGD±11, LSH±11, WdL16]. cinema [SST±06].
ciphers [SHJR±04]. Ciphertext [JSM±18, Rao17, LAL±15, LHL±15].
Ciphertext-Policy [Rao17, JSM±18, LAL±15, LHL±15].
ciphertexts [WXL±16]. circuit [BJNH05, GODM98, GDRS04, IdLR01, SKT02, WVC05].
circuits [CFVP03, Dö05, WSTW±87]. Circulation [HCG±05, C93, WJZ±17].
circumvent [DC17]. Circumventing [DC18]. citation [HHL±11, HQ±10]. citations [CZ±14].
Cities [HSS±17, RSMPP17, Sta17b, APB±17, AR18, HCZW±17, KAS±18, NW±17, UGBM±17, GMLGB±17]. Citizen [APB±17, ALFR±16].
Citizen-centric [APB±17]. city [BBC±17, DDMPG17, EAED±18, KPA±17, LL±18, PC17, TCB±17, YS18, vVDDB98, CGS±17, FAMA±17, hKR±17, UPP±17].
Clairvoyance [BOP±14]. CLAPP [GNGG±17].
class [Cie04, DKK±13, GS13, GD10, TK±08].
classes [CM±17, JOPW±14, PLZ±18].
classical [MAC±17]. classification [CHJ±04, CL±14, CD99, DH16, EP13, FTK±14, FVM±14, hKBB±11, Klo05, LXL±17, LLMN±04, MLG±13, MG14, PR±14, RD14, TSR±17, XZZ±18, YAR±18].
classifications [Bag±16]. classifiers [WL±18].
Clause [LY9±0a]. clean [MRL±14]. CLEM [CJ±15]. Client [ZW±10, CGL±08, CSL±18, DSD±11, MG14, PA±01b].
Client-centric [ZW±10]. client/server [PA±01b]. clients [LH±13b]. Cliffs [vDR±87h].
climate [BNJ±16, FQBC15, GP09, PWB±13, FNA±12].
Climate-G [FNA12], clinical [PPA99].
cloaking [NZL+15], clock [AC92], clone [SMRM13]. CloReXPa [DSL14]. closed [HXY13], closed-form [HXY13]. CLOSER [CCR18].
Cloud
[AASI17, ABTA18, AAJ17, AM17, AKB+18, ACCD17, AMPZ16, BB13, BDPP16, BCJ15, BYY+09, CLR18, CHWW13, CRY+16, CDL+16, CPD+15, Cha14a, CKR16, CDFZ16, DXA14, FMN+17, GAW+18, GJ15, GBRM18, GTCZG+18, GMP+17, HMIH17, Hei16, HXA+17, IASK14, JC1+15, JTB15, KIMER15, KJ18, LSB+18, LSD+17, LJGW18, MID16, MIP17, MAB+15, MM18, Pal16, PN13, DLS14, RAA+18, SV16, SGX+17, SS17, SAPA17, SPKG18, TMW+17, TMVLI12, VLAC+13, WBKL16, XDWL15, Y18, YHL16, YARH18, YAP16, YXA+16, ABZK15, AN16, AA18, AS014, ALK15, Ano12r, AB16, AAD+13, ABN17, ADDV16, ALL+18, BKS+14, BDE17, BMU16, BFS+17a, BFS+17b, BC15, BBC18, Bel16, BPC+14, BT17, BB12, BDH14, BR10, CMX+16, CA15a, CDG+14, CMB17, CCIP18, CTR+17, Cha14b, CPL+15, CRW+16, CW16, CLLL18b, CM17, Che13b, CWSS14].
cloud [CCL+14, CAC+15, CXL+17, CCY+18, CW13a, CGL15, CPSR14, CR14, CBLS13, CSQ17, CDL18, DC18, DZZ+15, DJZ+15, DST14, DLLZ17, DMPP16, DEG+17, DQWL15, DCC13, DWS12, DSPA18, DHC+17, DCWM17, DJ13, EBOY14, Erd13, EP12, EMJ+13, ECA+18, ETR+13, EA17, FHI3, FHYH15, FLR+16, FSS+18a, FJL+16, FQBCF15, FLRI13, FDPRI17, FEPIC18, FPGK18, FKTI14, FM17, FP13, Fr14, FCD+14, FSP+18, GGTTRC16, GPJA+14, GVBG17, GEG14, GVB13, GGJ13, GSLI12, GAA15, GS16b, GJF+12, GB10, GTSAR+14, GPS13, GMP+18, GFYW+18, GGC18, GGS13, HSM13, HGG+14, HQH16, HLYW17, HCNT14, HHK+16, HCB16, HNQ+18, HZW+16, HYS17, IDCJ11, IKLL12, IGB+14, JAAD+16, JTB13, JTS13, JBR+16, JCL+15, JZJ+18, JEB18, KS18a, KZ17, KC14, KMT14, KKKM13, KAW12, KCS14, KADD14, KACN16, KARP14, KMV+15, KTTK17, KKKM17, KKKM18].
cloud [KGLY18, KS18b, KLW+17, LCH+11, LXD17, LLW+12a, LJJW13, LCHW14, LXL+14, LHY+17, LPY+18, LFL+18a, LYY+18, LAL+15, LCL14, LMX15, LZYC13, LYZC15, LYL15, LHL15, LCMX16, LPL+16, LDY+18, LNY+18, LZL18, LPBB+18, LHBC16, LSI+14, MZH+17, MG14, MG16, MK17, MGT18, MFN13, MHC14, Man15, MCT+15, MKK13, MBM17, MKH13, MFG+14, MSBA16, MLM16, MGV+14, MRH17, MMVP13, MCA16, MSM+13, MYK16, MCG+15, MBV+15, MCWP16, NAG16, NRV+17, NCS12, OdD+13, ODK+17, PZA18, PBV+13, PNV+12, PLA18, PKY+17, PBA18, POJ+16, PTM+18, PPB16, QCYY17, QCD16, RGAT18, RT16, RZ16, RT15, Rao17, RS17a, RHPV17, RJM+18, RTS+16, RGGVSZ14, RMHM17, SRZD15, SB14, SJV+15, SHRE16, SBAD+18, SBK+16, SJJN18, Sha16, SLD+15, SYL+17, SV15, SG14, SKIS17, SYK+17, SB16, SBP+17,SMS13, SMZ+16, TLC+15, TSWL17, TDL17, T9D17, TBL+18, TBB+17].
cloud [TCBP16, TMS+17, VB18, VSSD13, VSP+14, WHM13, WWCN13, WWC14, WXYL15, WCF+15, WMK16, WZZ16, WMM+17, WCL+17a, WWDF18, WMY+18, WXZ+18, WAL17a, WAL17b, WCC14, WYH+17, WZCH17, XX14, XX18, YFY+13, YLHJ14, YSC+15, YLN15, YWL+17, YIS18, YKK13, YNY+14, YZN+15, YGW16, YLYC10, ZRZL18, ZLZ13, ZCL+14, ZME+15, ZZH+16, ZCS+16, ZWHC17, ZHHC17, ZZXL18, ZDW+16, ZCC18, ZaTZ+17, ZZI17, ZL12, ZZQ+13, ZBF14, dACAM13, dACNC16.
BAB12, CFVP12, CJN+15, CFF14, CPP16, DDJ+13, DHC+17, ENC+12, FG14, FP14, IG12, JS12, JBR+16, KKB14, KMK+14, KS17b, LLAH13, MGR11, MEBA12, MBS13, PMPC13, PMDS18, SG15, SMZ+16, SYL18, TCN+14, WLML17, YNSM12, ZLR+15.

cloud-assisted [WXYL15]. Cloud-aware [GJ15]. Cloud-Based [HXA+17, AMPZ16, CPD+15, GMP+17, YARH18, ASO14, BDE17, CFL+15, DMPP16, GGC18, HLYW17, HHK+16, LCH+11, MK17, MYK16, MGG+15, PKY+17, WZZ16, XTT18, ZXXL18, POMS18].

cloud-computing [ZL13].

cloud-connected [RHPV17].

cloud-distributed [AB16]. cloud-enabled [TOD17]. cloud-end [DZJ+15].

Cloud-FuSeR [SMZ+16]. cloud-hosted [YKK13]. cloud-integrated [FCD+14].


cloudlets [Lok12]. CLOUDRB [SG14].

Clouds [GLNT13, GGA+17, KSF+13, LX13, MAD+16, PMVLS+13, SPdSR+17, WRK+15, APAZ17, AK14, BL15, CLRL17, CTVB12, CRK16, CB16, dCDCDFd15, CRTN17, DT16, FWB13a, GCBM17, GGZQ09, GZVQ13, HZQ+14, HNB+13, HFT16, HHK+18, LZ10, LL+14b, LMZ+14, LGG+16, LLW+12b, LPV+16, LSHW17, LPD+13, LW+16, LL16, LSMVML13, MJM+16, MJDN15, MG+17, MDD15, MG10, PPFC16, QGT+18, RMVG+10, RMCMD12, STMV18, SEMJ11, SSL13, SBA+17, SJV12, TST14, TSLC17, TdpF+17, TSB18, TCN+16, VVB13a, VHML11, VCKB12, WSH+18, WG13, XSM15, XJW15, dOOO+13, AEN13, ATX13, CVKB12, WLML17, YMY+17].


Cluster [BB13, BJ02, CWJ16, DT08, KV17, OSHH96, WX02, Aba06b, ACM05, BL98, BARM14, BYL+18, CDG+14, Cho04, DZ04, DVDM02, Fra08, GSO5, GCV+14, Goo02, HO02, HL+17, JAA09, KZ17, LSL05, LXXW13, LJJ12, LKTC14, MN12, MFG+14, MM03, MGLV04, SIS02, RBJ+13, RG04, STH+98, SM101, SMA08, STC15, SMS14b, SBP+17, VSM02, WKC+13, WHW16, WJZ+17, YJA03, YLH14, ZJWZ04, dACAM13].

cluster-based [BARM14, LXXW13].

Cluster-group [CWJ16]. cluster/datacenter [LKTC14].

Clustered [BHH+43, PSL+04, PR+14, SCY+18].

ClusterGrids [KKJ10].

Clustering [GBY16, HO17, LJ17a, Mic97, ZWHC17, BK16, BC16, CJ14, CsdSDS15, CSP13, DB09, EP13, FGM11, FT07, GPC17, GNGG17, KCK04, hKBB11, LBYL08, LXXG12, MK17, RCM17, SV16, STH+05, TTC+14, WCL+17b, ZXXL14, ZM97].

Clustering-based [LJ17a].

Clusters [MG10, PBM05, AHEM17, ADA12, ALM+10, BC15, BBSV92, BL13, BL02, BPC+01, BTM10, CRM+16, CRE01, CP17, CsdCM+17, CBACA15, CG02, CKF06, CEGL01, ELvD+96, FQBCF15, Fer96, GCBM17, Gos00, GVD+03, KSS11, LP01, MJM+16, MTKS00, MLS01, OB04, PK11, PCG+06, PL96, RH08, RT06, RGDM16, SVC+07, STTK03, SD03, SK12, TC06, VVB11, XDHL12, YIA17, ZGB+17, ZBTC17, ZSB04].

cluttering [Gra15].

CM [Mal94, Por95].

CM2 [CH95].

CMS [RAA+18].

CNES [BT93].

Co [PW09, Ano84i, DVB14, DBD+14, GS15, YCY10, YSC+15, LLS+14, YYW+09].

Co-AdaBoost [LLS+14]. co-allocation [DVB14, YCY10, YSC+15, YYW+09].

co-design [DBD+14].

co-operative [Ano84i].

co-processor [GS15].

Co-scheduling [PW09].

Coalition [KIMR15, FX07].

Coarse
Commutator-free [CMO03].

Comparative

Comparing

Comparison

Compatibility

Compatible

Compensation

Competency

Competent

Competition

Competitive

Competitors

Compilation

Compiler

Compiler-based

Compiler-controlled

Compilers

Compiling

Complementary

Complementing

Complete

Completion

Complex

Complexes

Compositional

Compositionality

Compositions

Comprehensive

Compress

Compressed

Compressible

Compression

Compressive

Compromise

CompSci07

Comput

Computation

Computational

Computationalal

Component

Component-based

Component-oriented

Components

Companies
LAH10, Lop03, MFN13, MDD89, Meu05, MHA08, MvWvL99, NSHP88, NP03, OK02, PIKM02, Rho89, RM11, SPdSR+17, SMK05, SSST17, SHJR04, SSL12, SL07, SGH+08, SKS17, SZR18, TMT+07, TBK+10, TV08, VDPHS09, WFC07, WL05, Wie03, Wil89, WCKW10, WS10, YD05, ZZDM+18, ZCW+04, CCHW03, GMB+05, KFP+02.

Computationally [VCD+18, DST10, Pet95]. Computations [VV92, AQB15, BBSV92, BBJ+06, BST+08, HCW+18, KLO2, LF95a, SK12, Szu98]. Compute [GGSZ09, BGR+99, SBLT05].

**Computer** [AKW90a, Ano86i, CT90, CD99, DPDS14, Igl04a, Igl07, JO11, KI89, NHG03, Slo06a, Slo06b, Sti93, Zim00, vdR93b, Ais88, ADAAD12, AKW90b, Bhu95, BLB03, BDX+10, Bur02, CAC+10, CRSdS10, CEJK94, Dal03, DRNMC09, Fur92, GMLGB+17, Her87, HXL90, Kas85, KB92, LC01, Lin84, LIN+13, LSF+94, MJ00, NSSA+14, PO00, Pri95, Pud87, SEH99, SL97, SBLT05, Tak89b, TD05, WG91, Zad87, ZGC00, vMD94, vdR93a, dRSB94]. computer-assisted [BDS+10].

**Computers** [Her84, Ano86i, CST92, CS93, DRNMC09, DDO6, Omo91, OP97, Pad92, RN01, ST99, vdR96b]. Computing [AC017, ADALZ14, AT02, Ano88, Ana89, AKB+18, BB13, CMA11, CDF+05, DXA14, FVF98, Gen95, Hel16, HEB98, HY03, Kow85, KFBDK14, Lid99, LW+13, MGR11, Mes02, OSH99, Pal16, PN13, PZY16, SG95, SAPA17, SG14, SPKG18, WRK+15, WM+01, WSB+15, Wil00, XDWL15, YHL16, AvLR92, Abo06b, Abo09, ANA16, AJY15a, ABG02, AC017, ACC+05a, ABS11, AB01, AMD08, ASW11, AMH04, ADLW12, AFF+09, ALK15, AG05, ARB12, A090g, AB03, BGL08, BJ12, BBWB+18, BAV16, BMU16, BL98, BBG+05, BFS+17a, BFS+17b, BBC+99, BYL+18, BKG05, BAB12, BR92, BOP+14, BDZ13, Bis94, BT17, BdDPP16, BCP18, BKB18b, BB12, BDMO11, BCM+95, BJCO2, BYV+09, BR10, BRHH18, BCB+07, CMZ+12, CPDJ13, CRLL18, CHW13, CGCB+12, CA15a, CGPs+13, CGT07, CTF+99, CTR+17, CDC+08, CDD17, CMT16].

**computing** [CGH04, CC11, CRK16, CLE18b, CWJ16, CXL+17, CXY+18, CW13b, CLCY18, CC09, CTM06, CCCT14, CLE18b, CFG93, CSP13, CS09, Cuz14, DJZ+15, DHB02, DST14, DLR+09, DVVD02, DSD+11, DL03, DRS+97, DKD08, DDM+08, DR89, DSS07, DT08, DDB14, DWS12, DHC+17, DCMW17, ESFD06, EKJ+12, ESP01, EA17, FLR13, FRB+14, Sou91, FP14, FP13, GVBG17, GVB13, GAW+18, GJ+94, GGJ13, GS05, GDJ+13, GJ15, Gil94, GL95, Gos00, GB10, GMP+18, GAB+96, GZSWQ13, GWT05, GMZ17, HAB05, HSM13, HAP11, HCZ+94, HZZ17, HKPT10, Her91, HNQ+18, HZ10, HYS17, HMP04, HG92, HKP10, IT05, JGK+06, JAA07, JAA09, JSMG18, JNPY06, JM01, JEB18, KNI+18, KMB+17, Kar01, KANS18, KZ17, KKKM13, KMI11, KAW12, KBM+02, Kim07b, hKCF09, KAC16, KV09, KIJ12, KH18, KB09a, Ko95, KMR+15].

computing [Kow84, KGLY18, KJ18, Lau01, LLS05, LWHC07, LSP+18, Len16, LPK17, LPK18, LXD17, LYM09, LS10, LLW+12a, LCHW14, LXX+14, LFP+17, LLH+17, LOJ+07, LCL14, LC15, LXXW15, LSH95, LJ0W08, LZCY13, LYL15, LHL15, LPL+16, LDY+18, LL18, LLZ+18, LAB+18, LSP+14, LSJ+14, LS02, LLH07, MW+15, Mal01, Mal02, Mal05, MI01, MK13, MEB12, MRH17, MPR+16, MS+16, MLSF16, NSS99, NRV+17, NCACS99, NXX+14, OD14, ODK+17, OB17, OF07, OG96, OS01, PZA18, Pal13, PWY03, PMM13, DLMS15, PP06, PPB16, PZY17, PLL17, PS13, RGN+18, ...
Computing [Tur18, VVC+12, VAR14, VB18, VPT+15, VSDD13, WH05, WTK07, WZC08, WTR+13, WWCN13, WQ14, WWC14, WWR16, WCL+17a, WWDF18, WMY+18, Wit94, WXZL11, WZCH17, WHYZ17, XZ11, XX14, YFY+13, YJS18, Yat88, YW12, YVCB10, YY11, YGYW16, YAX+18, ZAA+14, ZMJ+06, ZGZ+10, ZLZ13, ZZH+16, ZWHC17, ZBTC17, ZTKF17, ZCL+18, ZSH12, ZZL12, ZEO01, ZSW+18, dSGD13, dACAM13, vKvWD+13, vdR87e, vdV89b, AHL11, CC11, CF09, LLAH13, MGR11, SR03, SGN+17, YXA+18], concatenation [HRJ06]. concentration [KAS18]. Concept [HLV+16, WZL18, GGM+09, LL03, TSRG17, TG04, WAE06].

Concepts [PSS01, Ano86i, DSSU97, TBK06, ANN+92]. Conceptual [FJY06, CIK10, UZ11]. concerns [FdSC07]. Concurrency [TG07, Vin16, JK92]. Concurrent [BS91a, AB17, AB18b, BP01, BS92, CLP95, EL98, GGS13, LM90a, RBJ+13, RGDML16, RM11, Sun92, dB90]. Conditional [MAC+17, CLM+14a]. conditions [DS04b, KDE04, MLGGB+17]. Condor [PL96]. Condors [ElvD+96]. Conference [Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. conferences [Ano94e, Ano96a, Ano96b]. confidence [DCC13]. confidence-based [DCC13]. configurable [Dör05, JNPY06].

Configuration [PA01a, BORM07, DvdHdL06, GGTRR16, LMZ+14, MD92a, MBS13]. configurations [CMVA18]. configure [KPM+18]. Configuring [BYL+18]. confirming

[21]

RGAT18, RC13, RBN13, Rao17, Ray05, RBS93, RLM18, SB14, SH99, Sar02, STH+98, SPJ17, SBB+10, Shi04, SG13, SSZ+13, SSM+14, SBD+18, SLS+09, SYK+17, SJV12, SD07, Ste06, SRCR97, SG15, SBA+05, SZGc04, SHLB08, SSP17, Sun92, TLC+15, TZZL18, TKT+08, TJLT00].

computing [Tur18, VVC+12, VAR14, VB18, VPT+15, VSDD13, WH05, WTK07, WZC08, WTR+13, WWCN13, WQ14, WWC14, WWR16, WCL+17a, WWDF18, WMY+18, Wit94, WXZL11, WZCH17, WHYZ17, XZ11, XX14, YFY+13, YJS18, Yat88, YW12, YVCB10, YY11, YGYW16, YAX+18, ZAA+14, ZMJ+06, ZGZ+10, ZLZ13, ZZH+16, ZWHC17, ZBTC17, ZTKF17, ZCL+18, ZSH12, ZZL12, ZEO01, ZSW+18, dSGD13, dACAM13, vKvWD+13, vdR87e, vdV89b, AHL11, CC11, CF09, LLAH13, MGR11, SR03, SGN+17, YXA+18]. concatenation [HRJ06]. concentration [KAS18]. Concept [HLV+16, WZL18, GGM+09, LL03, TSRG17, TG04, WAE06].

Concepts [PSS01, Ano86i, DSSU97, TBK06, ANN+92]. Conceptual [FJY06, CIK10, UZ11]. concerns [FdSC07]. Concurrency [TG07, Vin16, JK92]. Concurrent [BS91a, AB17, AB18b, BP01, BS92, CLP95, EL98, GGS13, LM90a, RBJ+13, RGDML16, RM11, Sun92, dB90]. Conditional [MAC+17, CLM+14a]. conditions [DS04b, KDE04, MLGGB+17]. Condor [PL96]. Condors [ElvD+96]. Conference [Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. conferences [Ano94e, Ano96a, Ano96b]. confidence [DCC13]. confidence-based [DCC13]. configurable [Dör05, JNPY06].

Configuration [PA01a, BORM07, DvdHdL06, GGTRR16, LMZ+14, MD92a, MBS13]. configurations [CMVA18]. configure [KPM+18]. Configuring [BYL+18]. confirming

[21] conflicts [DR15]. Congestion [Ciu10b, KXS+16, LTN10, MWPVB12]. conjugate [Cro95]. Connected [BRH18, LYC18, RHPV17, UVW92]. Connection [BS91a, BB84, BS92, DFSZ88, BB85, CH95, Port95]. connections [LPE08, Shi92]. connectivity [BRR+04, JMO2, UM02, VOS12]. connectivity-preserving [UM02]. Conector [EGK+07]. conquer [KTB18]. Conqueror [KTB18].

[BdM11, CRB16, IPCA16, LCZR12, DPBK16, MPF16, VGC13, WOPW13].

contact [Ned06]. container [KS17b, LGMV02]. container-based [KS17b], contaminant [RS99]. contamination [ST98]. contend [BA17].

Content [ARP14, EGAQ09, GC00, AAF18, BCR12, De88, DFL17, DS08, FLT17, FMS08a, FM08, FR08, GVI13, HCC14, HDLW13, LLMP13, LMZ14, LLE18, LPE08, MM08, NKL09, OGDAM07, QP08, RLL17, SMA08, SYT09, WL17a, WXJ16, Zin00].

Content-based [EGAQ09, FLT17, OCDA07, QP08, SMA08, WXJ16]. 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, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano16y, Ano16z, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i]. contests [WXYL15].

Context [ABTA18, ZGZ10, AGA16, BN17, DMG18, FNA12, FD95, FKT14, GA13, LG08, Lok12, POJ16, PEG05, RMSPP17, SGB17, SM01b, TCB17, UGB17, WXH17].

Context-Aware [ABTA18, FKT14, Lok12, UGB17, WXH17]. context-cloudlets [Lok12]. Contextual [MLL15, dSMAda17, PNZ14]. contextualized [SA07]. continental [MBC11, RV95]. continents [UNM16].

contingency [DCC14]. Continuation [DP03b, PPAK99]. continued [WTS14].

continuity [MBMTJR18]. Continuous [DS04c, PLGMD18]. contours [HWWT12, HZM14]. contract [VVB15]. contracts [GPK05, LKA08]. contrasting [MRL14]. Contributing [FTK17].

contribution [MCWP16]. Contributions [Ser95, ALFR16]. Control [ABF93, BT93, BL92, CDL18, CDL16, KESL17, AHP16, AT96, AR98, AMHJ10, BKM03, BX04, Che13a, CYZK15, CZM18, CJK18, CSC18, DCMB15, Da03, DL03, DLDTGMP16, FJL16, FCR11, FMR05, FX07, FS18, FM10b, FSM18, GHMX10, GZL16, GWO03, GY90, HLW12, HV92, HXL90, Hua10, LHO17, LHC03, LZL18, LLZ18, Lop03, LC03, Mam09, MM10, MLG17, Mer13, MLW18, MWPV12, NRV17, NWL17, NJ16, RSR01, SMA08, SMSF18, SCL14, SYK17, SCP09, SZR18, TDC14, TG07, TV16, VFHB14, WC06b, WC06a, WZC08, XSS15, YA02, YAX18, ZYK17, ZCL18, BL13]. control-theoretic [FJL16, Hua10].

Controllable [FH13, YD18, GZ04].

Controlled [BP02, GFR16, DSS98, KKP00]. controller [FJL16, Rª05]. Controlling [GCD18, HAAH05]. controls [EV96, EL98, QGT18]. convection [JNR01, Tab06]. convection-diffusion [JNR01]. Convenient [BKLO1, WHYZ17].

Convergence [Kim14, CDF15, Gut00, LJJ18].

Convergent [MFT17, TSWL17]. conversion [AC01]. conversions [Rus90b]. Convert2Java [AC01]. Convex [SSMG95].

convolution [vWMBS14]. convolutional [AFO18, AMBB18]. cooling [Len16]. cooperating [CWD04, Reh06].

Cooperation [Nar86, BDP11a, FMN17, JFDF09, Smi86, XDHKL12, CKK14]. cooperation-oriented [XDHKL12].

Cooperative [EA13, FMR05, GP09, HMC06, JO11, Nag86a, PP07, PMFH11, RRB10, Wah84].
CBK+01, DPL14, FTH16, LJ17b, LD17, Mer13, PNZ14, RHH08, YC13, ZL04a. Coordinated [FX07, BCH+08, CRVZ15]. coordinates [HHZ16]. Coordinating [GDR+14]. Coordination [THN+06, FTP14, MSBA16, PA01a, Pap05, Pro07, WKT00]. coordinator [CTV12].
cop [ZCS+16]. Copernicus [PPLL17].
copies [Dup90]. Coprocessor [SK97]. copy [DS00]. copy-hybrid [DS00]. coral [FEPC18]. coral-reefs [FEPC18]. CORBA-based [LLSR02]. CORBA [Lan00, LDS06, LLSR02, RdSH+00].

Cost-effective [BG05]. cost- [MD92b]. Cost-aware [ALK15, GS16b, HGG+14]. Cost-benefit [MEBA12]. Cost-effective [GR07, WMX+17, CSL17, KK16, MFG+14, SBA+17, WY17]. cost-efficient [CRM+16, GD10, SGJ18, VVB13a].
cost-optimal [BG05]. costs [KACN16, MD12]. count [XWX+17].
counter [DLTGMMMP16, VOCHC17].
counter-forensic [VOCHC17].
counter-measures [DLTGMMMP16].
counters [CLP+14]. couple [BC17].
coupled [AGP+92, BC15, BDNP92, Kun94, LLS+14, MD92b, MR04a, Mis92, SMK05, ZCT+04].

Coupling [BC15, HNS05]. couplings [PM14]. Courier [ZFW14]. course [BLB03].
credit [JDF09, KCS14]. credit-based [JDF09]. credible [HCL+17]. CRFID [CWSW14].
criteria [ADKS06, MSL16, WHP09, ZZH+18].
criterion [FTK+14, SKJ01]. Critical [AHEM17, AL14, BMR15, BKB18b, DNJG17, FDP17, MC04, SOA17, SSO09, WTM+17, WWT+16, WYZ18]. Cross [FSM+18b, MFT+17, AKCY+17, LMXW15, LSD11, LWW+16, SSB13, ZN12].
cross-domain [SSB13]. cross-layer [AKCY+17, LMXW15, LWW+16, ZN12].

crowd [AMPZ16, CFGM16, CWW+13, KAS+18].
crowdcomputing [WH18].
crowdsensing [DWJM18, MAD+16].
crowdsourced [LLGY18, MMF16].

CROWN [HS17]. crust [OS06]. cryptographic [BDNN02, WMX+17].
Cryptography [CDFZ16, DXA14, MCN+18, MK17, YXA+18, ZXW+18].
Crypsystem [WSQ+16, LL04b, YY11].
Crystal [KS02], Crystallization [VSvD94].
CS [GD93b], CSCWD [Bar11], CSP [MRV92], CSTP [LSD11]. CT [SGL99].
CTDNet [KGW95].
CUIDATS [ABCDE00]. cultivate [AHdJF97].

CyberLiveApp [LJLW13]. Cybermatics [LM+16, ZLZL18]. cycle [DZJ+00, Goo01, SFR15]. cycles [PL96, SK05].
Cycloid Grid [GDJ+13].

Cyclone [VBL09]. Cylindrical [LGMV02].

D
[SGL99, YMM00, Zem86, vdR87a, vdR87c, vdR87k, Avg00, CPD+15, CH95, DMM+99, EMB98, EdBG+99, GR09, GGM+09, HvnAS04, IdLR01, HJK+06, KCK04, Kni89, KA88, LBB+09, MJ98, MJ06, NCS04, RICW00, SHN10, WKF03, XYZ05, RBS93].

D-Grid [GR09, GGM+09, LBB+09]. DAC [WSQ+16]. DAEs [CFVP03]. DAGs [SK12]. DAI [SPK+07].
daisyworld [PM14]. Dalton [ASV+13]. DAPSYS [NFK10].
DARGOS [PMLVLS+13]. dark [YLJ+17].

DAROC [SHJ06]. DARS [SYL18].

DAS-2 [HBJ+03]. Data [Ama88, Ama89, AW97, BA17, BSRR18, BMK+14a, CCR18, CBB+15, DGR+15, DHH+17, FS97, FA11a, Fuk85, GRL11, GGH+06, JL14, Jun17, KPS18, KT17, KB09a, KIMR15, LTL+16, LWYS18, MCR+16, NNLH18, PN13, PH07, QC18, SMS16, SFR15, SNXB17, SD07, VV92, WRK+15, WMN+01, YTHY84, YCY10, YCZJ18, ZLTY10, AOS10, AHEM17, APBdI17, ARP14, ASO14, ATdC+16, AWN+13, ASD12, AFB+03, AMT+12, ACK+15, ADK+09, Asu13, ALL+18, ACC+16, BK16, BG14, BBD+13, BJM+17, BAP17a, BAP17b, BAB12, BDWM17, BBC+13, BDZ13, BN17, BL92, BPS+03, BPAP92, BCW01, CHT+15, CMX+16, CD16, CTT02, CGM+07, CTR+17, CHJS+10, CFM17, CGIP14, CPD+15, CKF+06, CHT+04, CCL07, CGL08, CHL10, CCR+10, Che13b, CPA14, CRY18, CYO1, CCM+14, CCG07, CPSR14, CGST09, CTT07, CS09, CTV13, CSQ17, CDS18, CBdL16].
data [Cuz14, CLM14b, DMR93, DMMP98, DMM+99, DW11, DHW+17, DJPM18, DAM08, DFG+00, DMM+11, DGD+16, DGCGH+17, DKK+13, DF97, DSH+99, DLS+12, Dup90, DB09, EP13, EVG99, ED16, FTA+14, FSP02, FB97, FD12,}
data [KAEC+18, KY04, LS07b, LGH7, LC04, LLpC12, LY17, LY8, LAB18, LN13, Leo98, LXD17, LGW07, LKN+13, LCHW14, LXX+14, LCC+14b, LWD+14, LLQS14, LN14, LRY+17, LFP+17, LZL+17, LGL+17, LYY+18, LAL+15, LYY12, LdS11, Lvw14, LZC15, LSHW17, LHw+18, LLL+18, LSAM13, LKK+16, Lop93, LLW+13, LL+16, LQHS07, LLH+07, LZY+16, MWW+15, MTNM08, MSS+13, MNV12, MID16, MPP13, Man15, MJ08, MJ06, MFF05, MAF15, MP17, MZD+16, MTD18, MBFC99, MMVP13, MTH+05, MF11, MFT+17, MWVPB12, MVCC10, NS17a, NMZC06, NSP07, NK17, NWMG17, NJW+06, NKP16, NJ17, NSSA+14, Nis93, OFD17, OB04, OTo9, PM04, PZ12, Pal90, PFRC16, PJD103, PSS17, PVN+12, PKC+05, PSW+14, PKY+17, PWXM17, PSR+07, PSA+09, PGCC+10, PMBS14, PCM99, PPH+09, PIP18a, PCB99, PRN14, QGT+18, QMGC12, QC13, RTHB17, RL98, RT15, RSK16, RHKCI15].

data [RSJ+14, Rus90b, SR12, SAGL10, SPMC10, SMP12, SZC05, ST11, SOA17, SBG+09, SGKC10, SA14, SG17, SDL+15, SY+17, SLG+17, STC15, SB17b, SB17a, SB18, Sin07, Sle14, SBA+17, SBD+18, SZD+17, SYK+17, SRN+18, Sta17b, SSK+08, SLW11, SSZ+17, SLB+17, SAC11, SSLF+10, TWC+06, TSBK13, TST14, THA+17, TLTY06, TDC+14, TZZL18, TR+15, TLSC17, TOD17, TD95, TSRG17, TDPF+17, TCN+14, TJLT05, TdbL16, TV08, TSTL16, TASM+18, TS18, Tor13, USK16, VTK17, VBLS09, VOS12, VGC+13, WTR+13, WTC+14, WLLF16, WLFZ+16, WZG17, WXL17, WMY+18, WSS+09, WFC07, WLA17a, WTP+13, WBJM14, WHW17, WHYZ17, WHYZ18, XB14, XY05, XFM16, XDH+17, XAW+10, YL17, YLJ05, YJTA03, YMW13, YLN15, YPLZ17, YKK13, YLC+06, YZ+15, YX+16, YGYW16, YYW+17, YLYC10, YWF+10, YLI+16, ZZDM+18, ZMP10, ZLD+03, ZQZ09, ZCW11, ZME+15, ZXS+15, ZCK+15, ZHZ+16, ZTKF17].

data [ZFS+15, ZHL+18, ZW10, vKrW+13, vDr87, vDr87k, BCMA07, CAS15, ZD+16, CC07, CRW+16, CW16, DX14, Dog09, GS16a, HH09, LSH07, LH08, MCR+16, NZQ07, Qin07, Sha16, SYT09, SH07, TLYT06, YY+18, ZS16].

data-activated [SHJ06].

data-aware [KB09a, AHEM17, TR+15, ZMD+15].

data-centric [DGR+15, JTS13].

data-check [LZL+17].

data-driven [VV92, YTHY84, KKS+18a, MTH+05, PKC+05].

data-flow [GS15].

data-intensive [BPS+03, Cuz14, GVURIVB14, JFZL17, KGFW14, MFP05, Pal90, RSJ+14, SLG+17, SBD+18, TDPF+17, TdbL16, TS18, WTR+13, WHYZ17].

data-matching [PRN14].
data-parallel [BL92, FSP02, LC04].
dataABC [JFZL17].
database [ACU95, Aho84j, Cha15, CWSW14, CYB90, CW93, FAJP99, FT07, GML99, Joh92, Ly09a, Ly09b, LZL+16, LMK91, Mur88, NS14, PH99, PB17, WCL+17a, YWF+10, vDr86a].
databases [ATS14, CYB90, CFG93, FGRZ09, FSP+18a, GAYTC18, KP00, KMB16, KST92, Kos00, Ly18, LLCF11,
PNH99, PDDS10, SL87, TG07, ZMN99].

Datacenter [YMY+17, ESPN17, SHRE16].

datacenters [LJGW18, LPBB+18, MRH17, SSP17, WCC14]. datacentre [Len16].

dataflow [GY90, Gur85, GBT87, HG92, KSY92, PPLL17, ZT90, ZT91]. dataflow/von [HG92]. DataGRID [VBP03].

DataMiningGrid [SSK+08]. dataset [WZZ16]. datasets [AMBB18, Ans11, BNXdS11, CLY14, FGM11, HHZ16, KPB+03, PPZ12, RVST17, WMLS14].

Dataspaces [HLCL16]. DataTAG [MFP05, MMFM+05]. date [Din99].

Davidson [BvdHN+01, BV04]. Davidson-type [BV04].

DB [PYH+18]. DDL [FB97]. DDoS [DCC13, VS13, VSP+14, ZJW+14].

Deadline [ANE13, PNGFJ13, VCKB12, APAZ17, ABP16, ABN17, DQLW15, HLW12, MJDN15, SGJ18, TS818, VVB13a, WTM+17].

Deadline-constrained [ANE13, APAZ17, MJDN15, SGJ18, VVB13a].


debugger [CLP95]. Debugging [AW03, FSP02, RCD03, BW95, Kac00].

Decentralised [Low05, STMV18, Vau03].

Decentralized [JTS13, LS07b, ÖEE13, RLP12, SHRE16, TGM11, ATF11, CCL11, FBW13a, HB08, HX+90, HBN+13, HLH09, MML+18, MT17, MGLPPJ13, RRB10, SCMS12, TY11, YBQ07, ZMH+18].

decomposition-coordination [MSBA16].

decoupled [LSJ+14]. decrease [KIS11].

Decreasing [VGC+13]. decryption [ZSW+18]. dedicated [BBB16, DZ04, NP03]. deductive [RB12, SL87].

deduplication [KH18, WLA17a, WLA17b, WLML17].

DDD [ANE13, PNGFJ13, VCKB12, APAZ17, ABP16, ABN17, DQLW15, HLW12, MJDN15, SGJ18, TS818, VVB13a, WTM+17].

decision [TA96, ATdC+16]. declarative [KA88].

decoding [PSPP16]. decomposed [SKJ01].

decomposition [dRSS97, BH03, HND06, MvdV01, MSBA16, PSLZ18, Pri95, WHZL10].

Defense [DCC13, GHYK18, VSP+14, ZJW+14].

deferrable [CSQL17]. Defined [BRH18, SMG18, CJK+18, GZLZ16, GHYK18, JAAD+16, KJI11, NAGD18, WLA17a, ZBCT17].

deforestation [ALFR16]. deformation [JHC10, Tor04].

defragmentation [RT15].

degeneracy [DMN+05]. degree [LJ18].

Delanaunay [LGMV02, XSM04]. Delay [BARMB14, CLRL17, KV09, LCL14, SZK16].

delay-based [CLRL17]. delay-sensitive [LCL14].

defining [GMS09, MEBA12, MR03b]. definite [Amo06].

definition [CGT07, GHO+11, HML+06, LRJ+06, LS05, Zsu01].

deforestation [ALFR16]. deformation [JHC10, Tor04].

defragmentation [RT15].

Delphi [ACGdT02]. Demand [CAB+18, BPS+03, DEG+17, FMR05, KLM+05, Len16, MHW+16, PYH17, SSSF+09, TDC+14, WCC+97, SCN+14].

demand [MVT+99]. demands [KPM+18, SCB04]. demonstration [CALN03, HRJ+06, VRGR16].

demosaicking [HLC16]. dendritic [EAA16].

dendron [PMK18]. dense [DS04c, HPP94].

Density [GBY16, ZSZ14, DRS04, LZXW13].

density-based [ZSZ14]. deontic [SZR18].

dependable [AR07, BCC+17, WTK07, WY17].
dependence [XFM16]. dependencies [BBd13]. Dependent [BB17, CP06, Dua94, GTMZ17, Nos98, Tab06]. Deploying [PCBD99, MVC+13]. Deployment [TCB+17, BJA+05, BARMB14, CcdCD07, CGL15, HSH+07, KTKN11, LLW+12b, LSMVML13, MGLPF13, MW12, PSP+09, PPSn06, VSDD13, dOWdAS+18, WG13, ZLZ13]. deployment-based [CcdCD07].

deployments [LPD+13]. depression [CFL+15]. Derek [Ano87b]. Derivation [DRNMC09]. derivative [GKS05]. derivatives [BBL+05, SBLT05]. derive [LN13]. derived [Del06, YMW13]. Deriving [MdOO+17, CHSA18, CFVP03]. describe [vdHDT+06]. description [DJPM18, HK88, KgdL11, PLCGS11, Sun10]. descriptions [BHK90]. Descriptive [SGdMM96]. descriptor [LZL+12, PSS+18, Var03]. Design [AAB+10, CCD08, CBS17, DDO12, JO11, JNR12, KO11, KANS18, KLW+17, LCP04, LJJ04, LL04b, LJS17, LC03, MK17, MSK03, MCWP16, NSS99, NP06, PSR+07, PMS10, Qm07, SPR+07, TMM+13, TBB+17, ZY90, ZZQ+13, Ao06, AMB03, AAD+13, BFP18, BBC+09, BKG05, BSRR18, BB06, Cur92, DMR93, DDV92, DSG09, DSD+11, DDB+14, ECPF17b, FD02, FAJP99, Ger02, HB09, KKL09a, LRY17, LMH+09, MB01, MBZL09, MVT+99, MWM10, Né000, PPJ95, RHH+16, Röb05, ROC+11, SCK+00, TC92, UZ11, VVC+03, VSM02, VR00, VP94, WWD+14, WXY15, WGM15, dOWdAS+18, WKTO, ZDL+13, ZLG+14]. design-space [SCK+00]. designed [ZJWZ04]. Designing [BGL+05, GBE00, ODOD+13, ST98, CFPC17, DGCGH+17, Mér17, TKT+08].
desktop [BCB+07, CLL+14, DSS07, FK12, KWK16, KFC+07, KJ12, KKL11, LJLAW13, RLP12, SWW+18, TPBS14, VKK14, WFC07, CB10, KNK+08, KLM+05, LTT07, SBHD08]. desynchronized [Tur18]. detailed [LR06]. detect [ZZN04]. detected [BCF16].

Detecting [BOHCC17, WLW+18, AMM16, CZ14, SCD04, SK05]. Detection [GMLGB+17, GLXF17, SAPA17, JZW+14, AD18, AM16, AKM18, ALFR16, BBI18, DJPM18, DJNG17, ENC+12, FZHH14, FCD+14, GAFFGO12, GPV+14, GNGG17, GSY+17, GMC16, GMCM18, HHS98, HNCG13, HZW+16, HAA+16, JHNL18, KHWP18, KIAD17, KAW12, KTV03, KKP00, LRL+14, LJJ10, LJJ18, LLYT14, LSL+15, N17, PMK18, PRW14, SMRM13, SI18, SB18, WW1H+17, WXZ+18, XFTZ16, YAR18, YCX18, ZHZ+18]. deterioration [WWX+17], determinant [GSC11], determination [Dör15, KK10b]. determine [FM10b]. Determining [SOA17, SS17]. Deterministic [Gue01, MKH06]. deterministically [LOK09]. deterministically-routed [LOK09]. develop [ZBF14]. Developing [AAB+92, DW87, GW01, HZZ+14, HCJ14, LLMPI3, GJS+94, Ham17, Kim14, LJS17, LGS+07, LK17, Ret03b, SWW+13].

Development [BFR05, BHH91, DDO92, GML99, IMKB89, YA02, BDCYG05, BHH92, Cas94, CGL15, Dal03, Dek86, DZO+00, FJ00, FRO8, FSP+18, HRSW99, Hen87, IMSV90, KDFL99, KV03, L10, LWH50, Mat89, RG04, SBLW14, Sip12, SHJS+10, TBK+10, TF17, WWSM98, dFPP+17]. developments [Sch94, SSZ13]. Deviation [WYH+17, HKP10]. Deviation-based [WYH+17]. Device [WWV17, CLK11, DLR+09, FRM+18, FCHG95b, Kaw92, LPL+16, MKS18, SGSF01, SLDK03, SW06]. Device-to-Device [WWV17]. Devices [WLP18, APRC16, AKB+18, BSR18, BOP+14, DC17, HCW+18, JKLK17, KKK97, LCMX16, LNY+18, OB04, SAGGB17, TLC+15, VFBH14]. DevOps [WBBK16].

DEVS [SZP06]. DEXIN [FT17]. DFINT [QC18]. DFT [BST+04]. DHT
distributed-data [FB97].

Distributed-Memory [BM92].

Distribution
[KT17, BTM06, BGP+17, CRC13, CYH04, DLW07, DS08, FR08, KTKN11, LGH97, LJY10, LOK09, NKX09, NMZC06, NK17, SA14, Tor13, USK16, WFC07, ZTKF17].
distributions [BARMB14, BDHK06].

Disturbances [VLAC+13].
divergence [VS13].

DiVers [HDO16].
diverse [CCJ16, CFPC17, MC04].
diversity [BORM07, HJK+04, SLW11].
divide [KTB18].
divide-and-conquer [KTB18].
divisible [AOS10, GOB16].

DLM [Pud87].

DMPP [Ste92].

DNA [CGH04, CS05, Kar01, NRV+17, WMN+01, ZRZ18].
do [ACBM15, AMRM18, LMZ+14].
do-it-yourself [LMZ+14].

DOC [SSG17].
docking [IPG+18].
doctoral [SR03].
document
[FC09, LYT+05, LLS+14, ZL04a].
documentation [WGM15].
documents [CZ14, KFF89, SW17].

DOE [RS16].

Dolev [BDN02].

DOM [GCC18].

DOM-Based [GCC18].
domain [AMI16, BFK02, FSM+18b, GZLZ16, GZD+09, GSY+17, HND06, KZA+18, MvdV01, Pri95, SSB13, WMBV17, XLW+17, YLC+06, vOHD+05].
domain-oriented [XLW+17].
domain-specific [BFK02, KZA+18].
domains [AL14, BCP03, LLM+16, SG17].
dome [KO11].

Dominated [BRH18].

Donald [An87].

Donating [WPJ16].

Doore [vdR87].

Dordrecht
[vdR87f, vdR87k].

Dordrecht/Boston
[vdR87k].
double [KA88].
download
[CGL08, Li15].

DPF [CGM+18].

DQP [LMH*09].
dragon [CLR16].

DRAM [CSJ+17].
drawing [Buc05a].
drawings
[Niw89].

DRAxML [SLO+05b].

Dreyfus
Economics [BAV16, VAR14, ARB12, AR10]. economy [ABG02, KHG13]. ecosystem [AMPZ16, DDMPG17, GPJA+14, Sha16]. ecosystems [LMBCC89, ZZDM+18].

ECRC [Gal87]. EDAWS [WHYZ18]. eddy [NEJP94]. Edge [AR17, GSP+17, MPLM18, CGSV17, HHS98, IG12, KZ17, MBMTJR18, RGN+18, RLM18, SPJ17]. edge-based [CGSV17].

Editorial [AKvdR86, ADLW12, Ano84f, Ano89e, Ano99, Ano18d, Ano18e, BLRL03, Bru01, CRV+16, DHS00a, FM01, GVTdL18, Her94, HB98, Kaa98, KG01, Mal01, ON85, OS01, PC18, RR03, RB13, SG95, TKRA14, VN01, Wil00, ZEO01, AB01, AD00, Ano01c, BJ02, DDS00, Flu03, HP92, KK01, LB02, LC01, SSZ13, Tan02a, vdR93a, Ano84g, Ano86f, Ano87i, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano005, Ano01c, 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].

Editorial [Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano16y, Ano16z, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h].

Editors [Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h].

Editorship [Kaa99]. EDPEPPS [DZ+10]. Eds [vdR87a, vdR87c, DLH+17].

education [AMB03, Avg00, KACN16, KZBK99, MM18, Wie03]. Educational [AD00, MJ00, Jon00, RMM+98]. eduGAIN [TOS18]. EEG [De 98, JSS+99, KKP+05].

Effective [KV17, PKF14, SCBK+16, BAD+05, CC00, CSQL17, DLS+12, GR07, HHL11, HCL07, HPLL09, KS18a, KK16, MFG+14, PFRC16, RT16, SBA+17, WHH+17, WMX+17, WY17, ZBCT17, ZRZ+14]. effectiveness [ECPF17a, Man15, PM04]. Effects [JK17, CN17, GPS+17, HSS00, LRYJ17, PM14, Yam92]. Efficiency [ZMN99, DDB14, Dua94, FTK17, IDM+16, KSSG16, KKvdB+17, KV12, LSB+18, LPL+16, PR95, SLD+15, Sta17b, SG15, TKA18, THT12, WXLY16, ZMJ+06].

Efficient [BK97, Ber98, BBL+05, CXL+17, DZ98, DLH+17, FGG13, HDLW13, JC08, KCV11, LR01, LKK07, LQK+16, LXX+14, LHO17, LSTV07, LLM+16, NWMG17, OBG+18, PHL98, PRS+13, PWMX17, PRN14, RM11, SL97, TLC+15, TV08, VKK14, WCC+16, WHS+17, WZCH17, WXW+17, YH16, ZGB+17, ZJX+14, ZWL+16, ZFS+18, Aba09, AMH02, AR15, ARP14, AAM+16, BK16, BAB12, BPS06, BFR05, BMH10, CMX+16, CRM+16, CP17, CLM+14a, CSJ+17, DHW+17, DAM08, DVD12, DQLW15, DNP14, FJ00, GD10, GKS05, GBF+12, GNWT05, HMI17, HHG05, HXY13, HYS17, HMP04, JYY+17, JLLC12, JFZL17, KMT14, LY17, LY18, LBM18, LLQS14, LCL+16, LCL+16, LYY+18, LAL+15, LC01, LC15, LZXG12, LG16b, LCMX16, MNV12, MPP13, MMF16, MP17, MZD+16, MLM16, MAC17, MGLV04, MMRL17, NF07, NP06, NRV+17, NWL17, PSSP16, PPZ12, PY00, PWY03, PPMM+18, PF17]. efficient [PVBH05, PPLL17, QMSG12, Rao17, RG04, Run99, SB14, SC16, SAGL10, SJTN18, SGJ18, SLS+09, SRN+18, SCBK+16, SHLB08, SYAL13, SLA+16, SLB+17, TDSH16, TPBS14, Tis07, TM05, VVB13a, VTTK17, VCD+18, VGC+13, WHMO13, WFC07, WCC14, Wu16, WPJ16, WHYZ18].
XZZ+14, XDH+17, YPLZ17, YYD+14, ZQZZ09, ZL13, ZTKF17, ZCL+18, ZZXL18, ZFC17, ZFC18, dTK92, LOJ+07). Efficiently [ABL04, BRR+04, SSC09, ZCC18, BSE+13, KTY03, LFH+15]. effort [MZC10]. efforts [Ano84]. EGEE [FKBG10, VHML10]. Ego [GPJC17]. eHealth [FFC+18, PZA18]. eID [SGGCR+18]. eigendecompositions [DP03]. eigenvalue [BV04, Del06, Prz03, SKT+08]. eigenvalues [Ano06, CDS03]. Elastic [ISS+15, MLSS01, NF07, BKMR11, CRR+16, CVKB12, CTVB12, EPPC18, GGS13, HvHAS04, LPBB+18, LSJ+14, MWQ+14, OS06, MTD18, SJV+15]. Elastic-PPQ [MTD18]. elasticity [Bel16, CBLS13, FJL+16, HGG+14, KC14, LSB+18, MAB+15, MCA016, dRRR+18]. eLearning [FJA+18]. election [SW02]. electric [DMMP98, MHW+16]. electrical [DFT92]. electricity [MHW+16, MD12]. electrocardiography [PCB99]. electromagnetic [Dae95]. electromagnetics [LW08]. electromechanical [HAAH05]. Electron [FGCM07, BRS04]. Electronic [Öst92, ABCD00, AS99, BAB13, BCR02, Din03, FP03, MCSV01, TC92, YKÖ17, ZDL+13, Buor2]. Electrosomog [Dae95]. element [AS99, LDS06, SW05, Tab06]. Elements [CBS17, GBMP13, SP93, SMM+14, WAE06]. elimination [Tis07, ZHL+18]. elliptic [LL04b, MCN+18]. Ellis [Ano86i, Ano87b, Ano87v, vdR87]. EM-3 [YTHY84]. EM-4 [KSY92]. Embedded [ADH+16, HYZS16, LSAM13, FLR+16, NWE04, Pud87, STC15, VRGR16, LL5+14]. Embedding [Pr95, CZ12, SYAL13]. emergency [GAW+18, Gra01]. Emergent [MVCC10, SHRE16]. Emerging [AWYJ16, YGS16, BYV+09, How91]. emission [JCMPPC+18]. EML [TDFZ18]. emotion [DYC18, LRL+14, YXY18]. emotional [ADH+16]. emotional-based [ADH+16]. empathetic [HZN+14]. emphasis [TAHS14]. Empirical [IKLL12, CUR92, DS99, GAB+14, RMJ+18]. empowered [ML11]. emulation [GSG+18]. enable [MPP13]. Enabled [HFT16, ZZLR18, ABB+03, AKB+18, ABF+15a, AMPZ16, BS11, DWJM18, EPJ+05, FS07, GLM+08, IASK14, JHL+06, LSZ+18, LLF+18b, LKG08, LWSC07, MID16, MGYC06, MJ06, MGN+16, NJW+06, PKC+05, TOD17, TSS+18, VOS12, XAW+10, GRL11]. Enabled/disabled [HFT16]. enablers [Bel16]. enables [AB01]. Enabling [BMH10, BP10, EKGS14, HGG+14, JRJ+11, KDPH16, KPM+18, LCHW14, Mam09, RJJ+09, RMHCMG15, TMS+07, TKK+14, TCN+16, WCKW10, YA17, ZL13, ZLR+15, DFRW17, ET08, GMEL08, KT08, KPS18, LLAH13, MCG+13, MD08, SSK+08, SSLF+10]. enacting [CAB+18]. enactment [CAB+18]. enactment [HMS15, BAI16, JTBS15, dFVPSHL+14]. encoding [JLCC12, KP12]. encrypted [BGP+17, CDL18, DF97, JLC18, KH18, LXX+14]. Encryption [GMdFPLC17, AMHJ10, BGP+17, DLZ16, DLLZ17, FH13, HQZH14, HFT+16, HYS17, JSMG18, KHMB13, LCP04, LLL+18, LL16, WZCH17, YCT15, ZXJ+14, ZDW+16, LAL+15, Sar18]. End [BGP+17, MGN+16, RHPV17, AHP16, CWSW14, DJZ+15, GGC17, JLU03, KT08, LLMP13, LASL16, PSS17, RAA+18]. End-to-end [BGP+17, MGN+16, RHPV17, AHP16, PSS17]. end-user [LASL16, RAA+18]. endpoint [SCP09]. Energy [BAB12, BBC+12, BCDP12, CP17, DQLW15, DDB14, DMM14, DCW17, GBR+12, KKVd17, KC14, KV17, LBM18, LGL+17, LYY18, LG16b, LBB+09, MGT18, OCCK14, SCY+18, THT12, WKC+13, Wu16, YYD+14, ZMTT16, ZZHL18, ABB+03,
Energy-aware [BAB12, BCDP12, DCMW17, LYYY18, WKC+13, ZMTT16, ZZLH18, BMK+14b, JEB18, KANS18, KSF+13, KCS14, LTC12, LPK17, LPK18, NSSA+14, dACAM13].

Energy-conserving [NQQL13].

Energy-credit [KCS14].

Energy-driven [ZAA+14].

Energy-efficiency [DDB14, SLD+15].

Energy-efficient [CP17, BBLP05, DLH+17, KGT15, RLRC13, BG87, PS13].

Engine [BBCN18, Bal16, DLH+17, KGT15, RLRCl3, BG87, PS13].

Engineering [BZS18, Kow85, AC16, AAIJ17, AMB03, Ano87b, BAP17a, BAP17b, Ben99, Bun03, CTMO06, DFG+00, Hir89, Joh02, Kim07b, Kow84, Ma91, Mat89, SK18, TY85, Van87b, VVC+03, Zhu14, SR03].

Ensembles [BMK+14b, JEB18, KANS18, KSF+13, KKS+13, KTC12, LPK17, LPK18, NSSA+14, dACAM13].

Enhancement [CHS11, DZZ+15, MYBMM18, SVN10b].

Enhancements [PSVL02, PSJ+12].

Enhancing [ACML05, BBLP05, FM08, IPG+18, KX11, YMW13, SMPC12].

Ensembles [JEB18].

Ensuring [MROD10].

Ensuring [LD17].

Entrepreneurship [NBP07].

Entropy [EHMS00, WLZ+14, Fre94].

Entropy-driven [Fre94].

Enumeration [MK03].

Environment [BKS98, BP94, CWD+08, LSS94, PMDS18, YG18, ANA16, ATEP98, AJY12, ADT03, ACC+05b, AKB+18, AAD+13, BJ12, BMWW01, BBD01, Bar11, BKG05, BPP+07, BDZ13, BMMG10, BCP17, CLP95, CSC+05, CCM+08, CCDS94, CCL11, DJZ+15, DCL00, DZJ+00, DW11, DRS+97, DZM09, DTC07, DL00, DCC13, DGD15, EKI11, EHT10, EMB08, EPJ+05, EA17, FMM12, FJ00, GR96, GGW+09, HJS+99, HKP10, IMSV90, JPB17, JLI+13, KDFL99, KV+18, KPB+03, KPA17, KKL09b, Kos95, KPB03, KPA17, KKL09b, Kos95, KPP00, KTTK17, LLKF09, LL11, LXL13, LJ10, LM90a, LGS+07, LSF+94, MCSS00, MSKT07, MSBA16, MVT+99, MVE+14, MTH+15, MXS00, MRS18, NRV+17, OS92, PP10, PVN+12, PP07, PSA+09, POF+16, DLMS15, PPAK99, PHM+99, PA01b, PBB+05, RGAT18, RL98, RMM+98, RGVGGSSZ14, RM11, SV16, SDWS13, SOR05, SSKF95, SM05, STA17a, SPCL04, TZL18].

environment
extension [GPA96, SPK+07, VKK14, ZJX+14, ZWL+16]. External [LYZC15, CN17, LQK+16, MFT+17].

extraction [Cha11, GKI05, GWC+16, HWWT12, PRW14, WM07]. extrema [PSS+18]. extreme [FRB+14, KNI+18, dSFP+17, TKRA14]. extreme-scale [FRB+14, dSFP+17]. eye [MKG18].

F [Teb86, Zem86, vdR87g, vdR87i]. fabrication [SKT02]. Face [GPV+14, CZ12, HWWT+12, HNQ+18, HLL12, LTJ+12, LLSL18, PSS+18, YPC12].

FaceDCAPTCHA [GPV+14]. faceted [XZ14a]. facial [SGL99]. facilitate [GVBD15, SJ006]. facility [RG04, LRJ+06, SBD10]. factor [ADK06, LWD+14, RSJ+14]. factorization [GGM+18, MvdV01, WTS14, ZCH+17].

factors [CN17, WGM+15, CsZ14]. facts [CZ14]. FAIL [HTV07]. failure [BMR15, HWS07, LJJW18, MSL+12, YIA17, vdR93a].

failure-aware [YIA17]. failures [BDNP13, DLW07, JS13]. Fair [CA15b, HCW+18, WWW+16, YZ12, WXY15].


far [BBJ+06]. far/near [BBJ+06]. farm [BFLL99, Bro92]. farming [KK16]. farms [MD12, NP03]. Fast [BLAN+16, DSK+14, GGN+17, GEAR13, HYS04, Pan95b, SO98, WLP10, BM00, CHW13, DMT14, FLT17, JFZL17, KKHS01, KHMB13, LSH+16, LPY+18, LC15, LZYC13, LN94, NS17b, VBLS09, WWD+14, YIA17, Z1A4].

FastDesk [SWW+18]. Faster [BRM10]. Fault [AFF07, DK14, GCV+14, LAM07, LYW+16, PCBD99, SAPA17, XIA06, AMH02, ASTEP98, AFB+15b, AFB+10, AGKZ18, BCH+08, CdCD07, CY12, CCL11, DZZ+15, FDO2, GVC10, Han89, HTV07, KA08, KL02, LCBF13, LHB95, LSTV07, LS01, LS08, PWY03, Pip18a, SG05, SPR+10, Suz89, THKG98]. fault-prone [AGKZ18]. Fault-Tolerance [PCBD99, CD07]. Fault-tolerant [DK14, GCV+14, LAM07, LYW+16, XIA06, AMH02, AFB+10, DZZ+15, LCBF13, LHB95, LS01, LS08, PWY03, SPR+10, THKG98].

FCI [HTV07]. FCM [GGN17]. FCN [FC09]. Feasibility [AKW90a, AKW90b]. feature [BM00, Cha11, DH16, FTK+14, GNGG17, LZ12, MBC+11, MDD15, PSS+18, PDSL+99, SK06, WM07].

feature-based [PDSL+99]. Features [NS17b, AMBB18, DGT09, FNA12, GAFFG12, HO02, KGW95, LXT14, WLZ+14, XY18]. featuring [LLH+03].

Federate [BCF+10, CLY10]. Federated [BR10, SVC+07, APA17, AK14, CFVP12, dCCDF015, CGJ+10, GCV+14, PP10, PBV+13, PFRC16, PLL+15, SLB+17, ZZDM+18, EH10, LHL09, Lela13, Lela15, TS18]. Federation [FMN+17, VHML10, CO10, FLPP05, KBB+16, RHB08, TOS18, YNS12, CC14]. federations [Erd13, MLM16, MPR+16, RMM17].

federative [HB00, Joh92]. Feedback [GSL12, PBPB17, WWSM98].


FFENEL [SLG+17]. Fermat [WTS14]. fetch [GMZ17]. fetching [SR12]. few [AM06, DE03]. FGCS [CRW+16, GVTDL18, Mes02, Nis93, PC18, Ser95]. Fi [AKM81, SL10]. Fiber [HICAFM+06]. field [BBJ+06, CGIP14, KS17a, PDSL+99, SZ98, TST16]. fields [MJ98]. Fifth [Her84, HV84, TR85, AIS88, Fur92, Lin84, vR86b, Ano86i, FS93, KI89, SC93, vdR93a, vdR93b]. File [AHE17, KRL05, ACC+05b, Do09, DLXR14, GCCC+07, GD05, GTMZ17, KO11, L115, MLG13, M08, MFI18, MM18, MML18].

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PCG+06, SPK+07, USK16, WX02, WLP10, YCY10, YSC+15, ZSX+15, MBC+11.

File-based [FLSS05]. file-sharing [MM08]. files [LLF+18a, SCY01]. filesystem [MCQ+07]. filling [SW05]. filter [HAA+16, TM05, WC14]. filtering [DCC13, EAA16, GCD+18, LCL+16, LQLX10, MGV18, PQQB17, PCB99, RW18, ZRZ+14]. Filters [ML17, ZL13]. finance [BS04, Par94].

Finding [BBH18, CsdCM+17, DvdHGdL09]. Findings [WBMP99]. fine [AMBB18, JLY+18, LZL18, LC03, VVB11, WC14, YAX+18, ZMP10]. fine-grain [WC14]. fine-grained [AMBB18, JLY+18, LZL18, LC03, VVB11, YAX+18, ZMP10]. finer [ZFS+18]. finer-grained [ZFS+18]. finger [LWF+17]. Fingerprint [MPH00, GAFFFOG12, LZL12]. fingerprinting [RS17b]. Finite [Tab06, AO06, BVD00, CS03, LDS06, SW05, Tho06, WAE06]. FIPIP [JLY+18]. fire [ACML05]. firewall [HCNT14]. First [Gil94, SLZ95, BT93, Che13a, GTCZG+18, HRJ+06, Par87, WRBG94, S098].


Grid

Grid FTP

Grid-computing [YW12]. grid-enabled

Grid-enabled

Grid-like

GridFocus [Kim07a]. Grid2006 [BGL08].

GridFTP

ACE02, CG09, RSK16, RKSU08. GridICE

ADF+05. Gridification

WVD+08, MZC08, MZC10. GridLab

SAMN02. gridless [BVDF00]. gridmap

[ACC+05b]. grid-map-file [ACC+05b].

GridNetworks [SCP09]. GridR [WSS+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, DPL14, FLPP05, Fra08, GCBM17, Hua09, HBN+13, IT05, IAL10, KK10a, KK11, KX11, KKW+14, KFC+07, KJ12, KK10b, KIC12, LLPc12, LAH10, MLG13, MPPM09, MWPVB12, MVC+13, OM10, OK02, PGSM05, PS05, PT16, PX07, PGCC+10, PPH+09, PPSS06, QPTGG+12, RRB10, SR12, SHBP10, SPMC10, SBG+09, SMK05, SEMJ11, SSL12, SGH+08, SCCS11, SAC11, SB13, TZBK13, TJWS10, TPBS14, TV08, Tor13, VDPS09, VKK14, WFC07, XY15, ZCW+04, ZZN+10, vOHD+05, vds04, GWHZ94, AL14, CC07, CCL09, CT09, CB10, CGST09, DFC+08, DRNNMC09, Dgo09, EGK+07, EH10, FMS08a, GX+12, GCCC+07, GBS10, Joh02, KFP+02, KNK+08, KTM+08].

Grids

[LS07b, LHL09, Lea13, Lea15, LVH08, LKA+08, LK08, MFP05, MTVO5, MHA08, MV09, NZQ07, OVK+09, Pa09, PH07, PK08, Qin07, RPMG10, SYT09, SVN10b, TDV+08, TTP+07, VLBK09, VDTK12, WS10, XCGD10, YYW+09]. GridSim

HLW12, SPBT07. GridUFO [MWMA10].
GridWay [RMHCMG15, TCR+12].
Groot [vdR87h]. Group
[AJY15a, CB10, HWW04, Bag11, BKSS02, BC03, BCF16, BDL06, CDDR17, CMO03, CYH04, CLM+16, CWJ16, Fio06, GNVST14, LM07, MHC14, MPQ03, NKX09, PP06, RLP12, GvdBdL15]. Group-based
[AJY15a, CB10]. group-key [NKH09].
Group-oriented [HWW04]. grouping
[GMEL08, Mor01]. groups [BCF16, CWD04, LPE08, NSI02, ZZ15, ZDR07].
growing [YJHZ14]. growth
[KZCW13, SU+98]. GS1000 [LM90b].
GSC [GML99]. GSC-II [GML99]. GSIB [Hua05]. GSIFTP [ACE02]. GSP [KSS12].
GSR [LC17]. guarantee
[LGL+17, SCZ+14]. guaranteed [XTT18]. guaranteeing
[CM17, LLW+12b, MKT09]. guarantees
[GJP+12, KV09, SBK+16, ZFW14]. Guest
[AB01, AD00, Ano01c, BB13, BJC02, DSH00a, DDS00, Fh03, HP92, HB98, Kaa98, Kaa99, KK00, LBR02, LC01, SG95, Tan02a, Wil00, ZEO01, vdr93a]. guests
[JK17]. Guided [GZS14, EdBG+99].
GuiGen [RSSD02]. GWPilot
[RMHCMG15]. GXp [TMM+13].
H [vdR87h]. H.264 [WC14]. H2O [SSB05].
HA-OSCAR [LSLS05]. hadoop
[GGN17, CRB+16, IPCA+16, NK17, RD14, WTR+13, YIA17]. Hall [vdR87h]. Hallam
[vdr87a]. Hamiltonian
[MR04b, Ano06, MR03a, SJR13]. Handling
[BMZ10, Goo01, HSS00, HHL11]. handoff
[SL010]. handover
[LLF+18b, PSL+04, YHL16]. haptic
[WWSM98]. hard [KV09]. Hardware
[TBK06, YLJ+17, DS989, FFC12, HHSW92, Hum92, KDHP16, Kkvdb+17, LAL+14, NWE04, PAB+14, RSK16, TLC+15, YÁJG+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, MS01]. harnessing [FQBC15, ZZC18]. Harrod
[GDRS04]. Hash [JL14, JFDF09]. hashtag
[ZZYJ16]. Haskell [BBH18]. HASTE
[PPJ95]. haul [RSK16]. Hawaii [Hui98].
Hayes [Zem86]. Hayes-Roth [Zem86]. HB
[PYH+18]. HCN [ESP17]. HD
[HSP+13, JHL+06]. HDFS
[TMDZ15, YSC+15]. HDS [PIP18b].
Healing [LHBC16, AFB+10, dSGD13].
Health [BB13, LHL15, RGN+18, Rau17, ABZK15, ABC+18, CB16, FGGD14, MID16, PKY+17, Pol98, PPS06, PPAK99, TCN+14, WMX+17, Wit94, YKŌ17, ZAA+14, LG16a].
health-shocks [MID16]. Healthcare
[WRK+15, WL18, ZZXL18, AAS17, ASO14, CPD+15, FCC+18, FRM+18, HLYW17, HXA+17, HZM14, JTBS15, Kim14, LZLL18, MGN+16, PMS18, RBA17, RGN+18, ZCK+15]. heap [KP12].
Heart
[GMdFPLC17, DH16, LGS+07, WLZ+14]. HELIO [BBC+13]. heliophysics [BBC+13].
help [Ueh89, SCN+41]. Help-On-Demand
[SCN+14]. hemotherapy [ATAC+16].
HEMT [Ab92]. heritage [CGN18, MKS18, PPM+18, PC18, WDJC18]. heterarchy
[DS04c]. heterogeneity [BL15].
Heterogeneous
[GGA+09, KV17, PZY16, PIP18b, Sun92, ACgradationT02, ADAAD12, ABTF16, ACK+15, ABP16, AB17, AB18b, BDP13, BBD16, BLD2, CPGdS+13, CDG+14, CSdcM+17, CBK+01, CDDL17, CBC15, CG02, CKFJ06, CXL+17, CS18, CS09, CFG+05, DZ04, DT16, DRNMC09, DCMW17, DY04, EP12, EW97, ECPF17b, FMSSM12, Fer96, GS16b, GVA+16, Hö03, HCL07, HXL09, IPG+18, JLY+18, KANS18, KKB14, Kos95,
LYJ10, LZXW13, LGY+16, MT17, MM03, MRS18, OVDV98, Ōst92, PSSP16, PNZ14, PZY17, PDDS10, PBB+05, RD14, SHP+16, SAGGB17, SJTN18, SZK16, Shi04, SOIS12, SFR15, SSL13, SB16, SK12, TTH15, TMP15, VPT+15, VI16, WC01, WHW16, WHS+17, YLJ+17, YS16, YCZJ18, ZMP10]. 

Heuristic [AA18, Bal91a, Wl05, CSL18, ESW+17, JM01, KMT14, MC00, RC13, RS17a, THKG98, XA10, XY15, ZZ90].

Heuristic-based [AA18].

Heuristics [RT15, BAB12, DST14, DNP14, GODM98, GVA+16, GGS13, Man15, WCHL10].

hidden [WQG15].

Hierarchical [BMT12, LOJ+07, ASTEP98, ABF+15b, CFGC03, CWW+13, EK11, EV96, ESW99, FK12, HV92, HLY17, HML09, KX11, LKG08, LLZ07, OSCY93, OCCK+14, PRC14, QPTG+12, TCC+14, ZDR+07, ZLY+10].

Hierarchically [CBK+01].

Hierarchies [ECPF17b].

High [SB14, SPMC10, STH+98, SGFS01, SB97, Sch03, SGC10, SEMJ11, SK18, SLRK03, SSZ13, SRC+03, SRCR+07, SP+17, SYL18, TSWL17, TBdL16, TSZP99, TC+16, Tur18, VBP03, WFLY+16, WdL16, We+11, Wit94, YDK11, YK17, ZBCT17, ZC+16, ZYTC15, AH11, Ben99, CMZ95, Din99, HB98, Lid99, LBB+09, ML+11, Wl00, dSL98].

high-available [SB14].

High-definition [HS+06].

High-dimensional [BS04, CH+04, DJPM18].

High-energy [ABB+03].

High-latency [ABB+03].

High-Level [HSS92, WBF08, BMFC07, KMK+14, KSM+07a, KSM+07b].

High-order [Che14, DJPM18].

High-Performance [BM92, SG14, AB01, B+99, Bhu95, GAB+96, KDHP16, SEH99, ST+14, AMW99, CWW+08, GGH+06, HHSW92, HKP10, KMK+02, LMY17, LLSR+02, M01, R+03, STH+98, SGFS01, SB97, Sch03, SGC10, SEMJ11, SP+17, TBdL16, Tur18, Lid99].

High-quality [TSZP99].

High-resolution [KPB+03, DCC+14, JR+11, YDK11].

High-speed [LYS12, MFP+05, AB03, HG92, H+06, LSH+11, SRC+03].

High-throughput [ZS+15].

Higher [Dal06].

highlighting [SS+04].

Highly [CD16, MRH17, BSL+06, BLRS98, Fr14, GV+13, J++12, JM01, KSY02, MAC14, PML+13, Tor13].

highly-threaded [MAC14].

Highway [HICA+06].

hints [dNE05].

historical [JH16, PGP09].

hitting [CS+17].

HLA [BKK02, CYL+05].

HLA-based [CYL+05].

HM [dSM+17].

hoc [GR07, KIAD+17, LBY08, LM07, LL+11, MV09, SGCR+16, SM+01a, VCD+18, YFY+13, ZF16].

holds [PM00].

holes [SHB+89, SK12].

Holistic [BBWB+18, LGG+18, Ano12].

Holland [vdR+78, vdR87].

holographic [CGN+18].

Home [HMC06, JBC16, PMDS18, KADJ14].
SLO\textsuperscript{+05b}. Home-based [HMC06]. homes [Bae14, OCW14, TOD17, TZL\textsuperscript{+18}, GMLGB\textsuperscript{+17}, HSS17]. Homogeneous [TKA18, H503, HXL90, PS016, SSP17]. homologous [BORM07]. homomorphic [MK17, RTS\textsuperscript{+16}, ZXJ\textsuperscript{+14}]. homotopy [CFV03]. Honeypot [PD11]. Hop [WWTF18, GNWT05, KESL17, LLAW17]. HOPE [LM12]. Horizons [He16]. horizontal [KAEC\textsuperscript{+18}]. Horse [CLK11]. horticulture [KH89]. Horwood [Ano86i, Ano87b, Ano87l, vVDBB98]. HTTP [HSH07, LZL17, HSS17]. huge [Zad87]. Huard [WLY11]. Humanoid [NMA00]. hundred [KTY03]. Hunting [GGC18]. Hybrid [CLL\textsuperscript{+18a}, CWW\textsuperscript{+13}, LDY\textsuperscript{+18}, MGR11, MKM11, OPO13, SvAS01, VMN\textsuperscript{+18}, WM14, YHJZ14, APAZ17, ABC\textsuperscript{+18}, AR18, AK14, Ban02b, BC15, Boa04, BKK02, BCD\textsuperscript{+18}, CRM\textsuperscript{+16}, CVKB12, CRC13, CAC\textsuperscript{+15}, CSJ\textsuperscript{+17}, CRTN17, DS00, DBS14, ED04, FJL\textsuperscript{+16}, FDPR17, FWB13a, GAFP18, GDRS04, HQ07, HG92, KKL06, LYMZ09, LLC\textsuperscript{+14b}, LQLX10, LZX16, Low01, dSMAdR\textsuperscript{+17}, MFNI3, MPF\textsuperscript{+16}, MLFS16, MV09, Nag16, PPLL17, PRN14, RBN13, RS17a, STMV18, SSS02, TZST14, TMT\textsuperscript{+07}, TNY17, TdPF\textsuperscript{+17}, TSB18, VVB13a, VPT\textsuperscript{+15}, VC1B12, WXL16, WMO\textsuperscript{+16}, WXPL17, YLN15, ZCH\textsuperscript{+17}, ZYW\textsuperscript{+18}, LM12]. hybrid-indexed [WXLY16]. HybridNN [FWB13b]. Hybrids [HAA\textsuperscript{+16}]. Hydrodynamic [NCS04, RBS93]. hydrological [HLZ18]. hypomorphisms [CHSA18]. HyO [DL04]. HyO-XTM [DL04]. hype [BYV\textsuperscript{+09}]. hyper [DL04, RC13]. hyper-graph [DL04]. hyper-heuristic [RC13]. hyperbolic [NB04]. hypercube [FHG95b, Shi92]. hypercubes [DK14, Xia06]. HyperFlow [Ball16]. hypergraph [SK17]. hyperspace [NLM\textsuperscript{+16}]. hyperspectral [Cha11, PM04]. hypervisor [RS16]. hype [FJY06]. I/O [Aba06a, BFK02, CkLC06, CSL18, DLZ\textsuperscript{+14}, DLXR14, DY1\textsuperscript{+16}, Geo02, HMC06, OK02, SM96, TDFZ18, ZX14]. I/O-intensive [CkLC06]. IaaS [AA18, CMB17, GLNT13, MJDN15, MGG\textsuperscript{+17}, NCS12, TTB\textsuperscript{+13}, TTH15, VBB15]. IAN [LG08]. IBP [BBLP05]. IBPster [ASP03]. ICOT [BY93, Kuo86, Tic93, Uch87]. ICPADS [TCG14]. ideal [FP04]. ideas [Pin87]. identifiable [SWW\textsuperscript{+13}]. Identification [WLZ\textsuperscript{+14}, AFO\textsuperscript{+18}, CPP16, DCS\textsuperscript{+07}, HNQ\textsuperscript{+18}, HZW\textsuperscript{+16}, KZA11, LLQ14, SK06, VOHC17, WLL16]. identify [KAS\textsuperscript{+18}]. Identifying [PSLZ18]. identities [TOS18]. Identity [HSM13, ZDW\textsuperscript{+16}, CLM\textsuperscript{+16}, HCL\textsuperscript{+17}, LK12, MLM16, PLCGS11, WMX\textsuperscript{+17}, WZH17, YXA\textsuperscript{+16}, Sar18]. Identity-based [HSM13, ZDW\textsuperscript{+16}, LK12, WZH17, YXA\textsuperscript{+16}]. ideology [Sap88]. iDoctor [ZCH\textsuperscript{+17}]. IDS [HNC13]. IEC
incrementally [YGYW16]. increments [Tor04]. Independent [FMSSM12, Fio06, GVA+16, LHL09]. independently [BSCCO6]. Index [Ano00a, Ano00b, Ano01a, Ano01d, AO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92h, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95b, Ano98a, Ano98c, Ano02a, Ano02c, Ano03a, Ano03i, Ano04a, Ano04b, Ano05f, WXPL17, Lin18]. indexed [LSL+15, WXLY16]. Indexing [ARP14, FMV14, KCK04, RTS+16, SB17a, SLˇZ+09, WHMO13, ZQZZ09]. indicators [DPS16, KJFS12]. indicators [ARP14, FMV14, KCK04, RTS+16, SB17a, SLˇZ+09, WXLY16]. indexing [ARP14, FMV14, KCK04, RTS+16, SB17a, SLˇZ+09, WHMO13, ZQZZ09]. Individually-based [Mor01]. Indoor [SLK17, LvW14, MLGGB+17, MKS18, YYD+14]. Induced [vOB95]. induction [PMK18].
installment [SOIS12]. instance [Leo01]. instance-based [Leo01]. instances [BKSS02, CLRL18, Leo98]. instantaneous [MRV01]. Institutes [Van87b]. institutional [BH13]. instruction [GD05]. instructions [Goo01]. instrumentation [BP01, BDZ13, MPPM09]. instrumented [GD93b]. insurance [ABZK15]. integer [GGA+17]. integral [de94]. integrate [BFLL99, BOP+14, GRCP+17, PBB+05]. Integrated [CT09, SDBdL06, BCMA07, CM17, DZJ+00, Dui89, FHYH15, FCD+14, GDRS04, IdLR01, KAS+18, LY90b, MF+16, Re87, SSS10, SKT03, SGKC10, STK02, WG91, WS10, YZLQ14]. Integrating [BCMR01, HC17, LCL14, BDZ13, PSW+14]. Integration [APRC16, AFF+09, AKW90a, BdDPP16, CCY+18, DP17, FPA+14, RA94, CGST09, DPP03, DFR+07, GACM17, HYC04, LLF+18b, MR03a, MR04b, SY+07, Sin07, SMM+14, SPKG18, SAC11, WLLF16, YWF+10, ZMP10]. Integrative [LGS+07]. integrator [JL03]. integrators [DV03, IS06, MPQ03]. integrity [GSC11, JZJ+18, LYZC15, OB04, SL87, SHJR04, WWR16, YX+16]. Intel [FHG95b]. Intelligence [ACC+16, Cha14a, Jun17, Kow85, vdR87a, All92, AB18a, An086, An087c, An087, Cha14b, D07, EO86, How91, JNR12, Kow84, Lop96, MCA02, MCWP16, Niw89, Od114, QC18, RBC+88, Sch85, SSST17, Szu98, Szu01, WM14, Wi84, YJHZ14, vdR87b, vdR87c, An084e]. Intelligent [DX14, GCD+18, Hsu14, KH89, KK97, MTM08, CPDJ13, CSJN05, COCI0, IMKB89, KFF89, KRLR01, LLZ+18, MWC+03, NWWI17, PTD+18, PKY+17, Šle14, SDC11, Uch89, VHFH14, XB14, XLZ18]. intensity [GZZ+18]. intensity-modulated [GZZ+18]. Intensive [DO15, ATdC+16, BMK+14b, BPS+03, CkLC06, Cuz14, DST10, GVURIVBV14, GJ15, IDCJ11, JFZL17, KS18a, KGVW14, MFP05, NSSA+14, Pal09, Pet95, RSJ+14, SY04, SLC+17, SBD+18, TPFP+17, TJJLT00, TBdL16, TSB18, VBV13b, WTR+13, WZZ16, WHYZ17, YFY+13]. intent [KPM+18]. intentions [FTD17]. Inter [DV90, CCL18b, DDR+07, G953, GGLW18, LD17, LYS12, SRZD15, SB16, SBP+17, VOS12]. inter-cloud [CCL18b, SRZD15, SB16, SBP+17]. inter-connectivity [VOS12]. inter-enterprise [DDR+07]. Inter-process [DV90]. inter-purchase [GGLW18]. inter-service [LD17]. inter-stream [GS95]. inter-view [LYS12]. interacting [DS04c]. Interaction [ZAP05, CGN18, FJA+18, IT05, JRJ+11, KID+16, MJ06, Nag16, RRH16, ZS05b]. interactions [Kni89, OPT+17, UZ11, ZGS+13]. Interactive [CAS+16, EdBG+99, JHL+06, PF01, PK08, RS99, SN10, BDLO6, CGN18, DK00, GKW+12, HML+06, HHZ16, IJLC03, KLC05, KKL09b, OPO13, PTM+18, PPAK99, SBdL06, Sch87, XFM16, dNE05]. interception [MGLPPJ13]. intercloud [Erd13]. interconnect [GYW16]. interconnected [MMLO18]. interconnection [ADK06, GS13, JAA09, Shi92]. interconnects [CkLC06, PBK01]. intercontinental [PBC+01]. interdiction [KPS18]. Interdisciplinary [AC10, NS10, GFGB03]. interest [MRS18, SMC99, XZ16]. Interface [WLB11, AAB+92, BJZ08, BMFC07, BCW01, DLR+09, MTKS00, MFI18, MYK16, OFO+99, PSBB15, DKD08]. interface-adaptation [PSBB15]. interfaces [ABF+15a, BFL19, Buc05a, FJY06, Kam85, PNH99, RSSD02]. Interfacing [HC99, PL96, HML07]. interference [Hö03, SS13, SMM+14, SdSP04, VVB13b, ZF16]. interferometer
[Fin99]. intergenerational [MCG+15].

InterGroup [BAC02]. interleaving [BM08]. intermediate [CEJK94, TZLL18, WZZ16]. Intermittent [JM02]. internal [KKL99a]. International [Ano86j, CF11, SST+06, BGL08, CGJ+10, LRJ+06, MLC+11, DBdL03].

Internet [YJHZ14, LTC12, AR18, AT18, ACSdRf17, AVPf17, AMPf16, BA17, BS17, BFM+03, BRH18, BdBfPf16, CCRlf18, Che14, CMBf17, CDFW18, DSK+14, DRNMc09, ESW+17, FTKf17, FRM+18, GMLGb+17, GfYKf18, GZWF18, GBfM13, HKf+16, HCLf+17, HfNQf+18, HSSf17, JYYf+17, KKYf04, LLMPf13, LS1f0, LHO17, LGLf+17, LRYf18, LRBfW17, LWWf+13, MKf17, MLGGBf+17, MGfN+16, MfPLMf18, NCCg99, OFDf17, PSVfL02, PTf+18, PHf99, PLfGfCd18, PMfPf+18, PCf18, PM00, RGFfN+18, RfMfSPf17, RACfA18, RHFVf17, SAGGfB17, She00, SDGGf17, SYWf17, SCfZ+14, SZfGbC04, TLfSCf17, WWXf+17, YLYTf15, YAf02, YCTf15, YAPf16, ZPEPE17, dFfBPf+17].

Internet-based [DRMCf09, LWfWf+13].

Internet-of-Things [FRMf+18, RGfN+18].

Interoperability [FKBGf10, AFfSf16, BA17, BNFf16, DGCfGHf+17, EHTf10, GfTCfZGf+18, HAf18, KKSf08, SEMfJJf11, SfGMf11, TFKf+14]. interoperable [CMDf+14, DMMfM11, HfESfM09, KfKf10a, KKBfB14, SCYf+18].

interpolation [DS04a]. interpretation [Hal88, NSfHPf88]. intersection [NWLf17]. interstellar [DRSf04]. interval [CPKf05, DafL06]. interweaving [RMf16].


Introducing [ACsdrRf17]. Introduction [Ano86f, Fre84, IfgO4bf, Ano86gf, BBf13, MMR02, FSf93]. introductory [BLfBf03, Ray05]. Intrusion [GLfXFf17, ATXf13, FZfHHf14, HNCJf13, HRJf+04, KfHfWfZf18, LYJf10, MCf04, PkMfKf18, Sf1f8, XFTZf16]. intuition [Zafd87].

intuitive [GGWf+09, MKSf18]. invariant [GMDfFPfLfCf17, HFfV03]. Invariants [JKf92]. invention [Burf02]. inverse [Del06, PBfTf02].

Investigating [CZfWf+17, POf00].

Investigation [MfSf03, BFfPf01, GRDfSf04, KRf14].

Investigations [AMfMf16, DCf18].

investments [HAf18]. Invited [ECfPf17a, RfWf13].

Invocation [MBfBf10, BCfFSf02].

Investigating [Burf02].

investigation [AMMf16, DCf18].

investments [HAf18]. Invited [ECfPf17a, RfWf13].

Investigation [MfSf03, BPfPf01, GRDfSf04, KRf14].

Investigations [AMfMf16, DCf18].

investments [HAf18]. Invited [ECfPf17a, RfWf13].

Invocation [MBfBf10, BCfFSf02].

Investigating [Burf02].

Investigation [MfSf03, BPfPf01, GRDfSf04, KRf14].

Investigations [AMfMf16, DCf18].

investments [HAf18]. Invited [ECfPf17a, RfWf13].

Invocation [MBfBf10, BCfFSf02].

Investigating [Burf02].

investigation [AMMf16, DCf18].

investments [HAf18]. Invited [ECfPf17a, RfWf13].

Invocation [MBfBf10, BCfFSf02].

Investigating [Burf02].
KJ12, LNB14, PC18]. Issues
[BvdBM’93, Dek86, GTSAR+14, LWHS07, CMT01, FD02, GBT87, LNB14, SYK+17, TG07, Var00, YK017, SM96]. Item
[Ano97d, Ano97e, LCL+16]. item-based
[LCL+16]. Items [BB17, C¸O13]. Itemsets
[CLM14b, LHW+18, YK17]. Iterated
[ML17]. Iteration
[BW97, DGR+15]. Iterative
[KKHS01, RN04, BJNH05, BGC+03, CCL11, ˇCie04, FM10b, GZWQ13, HV03, dSL98]. ITIS’98 [EV99]. IV [HHXL13].
J [vdR87a, vdR87g, vdR87i, vdR87j, Reu03a]. JACEP2P [CCL11]. JACEP2P-V2 [CCL11]. Jacobi
[BvdHN+01, BV04]. jammer [WWTF18]. Jane [PF01]. Janet [BK L01]. January
[Hul89, Rho89]. Japan
[Ano87m, Fuk85, Kag89, KA88, Miz89a, Nag86a, Sas85, Wii84, Yat88]. Japanese
[Ano84h, FS93, Kas85, Lin84, Van87b]. Java
[ADT03, AC01, AG05, BBBD01, BP01, Ber00, BKL01, BFW+03, ESPP01, FW02, GW01, LTOT07, LP01, Lto01, Lj07, LRW01, MJ01, SM01a, SEH99, SH99, SM01b, YdOLS+05, ZMN99]. Java-CORBA
[YdOLS+05, ZMN99]. Java/CORBA
[LRW01]. JavaBean [FCW01]. JavaBean-based [FCW01]. JavaBeans
[PSS01]. JavaSymphony [JF05]. Javelin
[NCCS99]. JCASim [FW02]. JetStream
[TCN+16]. JGRIM [MZC08, MZC10]. JIMM [Jon00]. Job
[CCL07, CCD+10, CRN17, Fer96, LBB+09, AAB+10, BZYMY10, BCC+17, BCB+07, CCL09, GRH05, GR96, GD10, GPS13, HXL01, HKH13, LZ10, LLC11, LYQ06, LGL+17, MLBS11, ÔE13, QPTGG+12, RNJK09, SWG+16, SDD+09, TCBK13, TST14, TLTY06, WWC14, WMLS14, WS10, WXZL11, XY15]. Job-
[Fer96]. Job-resource [CDD+10]. job-shop
[BZMY10]. jobs
[GD10, JLL17, KNK+08, LAH10, LBU+10, PGPW09, RM11, RMHCMG15, ZA14]. John [Ano87c]. Johnson [Her87]. join
[CC98, YdOLS+05]. Joint
[KK10h, ECA+18, Gal87, HXY13]. 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]. KeLP
[MBFC99]. KelpIO [BFK02]. Kerberos
[MPPM09]. kernel
[HKT94, LLSL18, LZY+16, PRW14, RT06]. kernels
[BFR05, CRYG18, CGSZ95, JNPY06]. Key
[BBvdB+11, DCL00, WSQ+16, ZHZ+16]. ZDR07. FNA12, GAYTC18, GMdFPLC17, JSMG18, KLW+16, LPC04, LBYL08, LLY+17, LYY+18, LM07, LHC03, LYT+05, LZYC13, NKX09, ODK+17, PSLZ18, PM00, XZI14b, ZXW+18, ZXWA18].
key-delegation [JSMG18]. key-value
[GAYTC18]. keyboard [Ale97]. keyless
[ZXW+18]. keynote [CCL18]. Keys
[EHMS00, LH13b, LLL+18]. Keystroke
[MRR0]. keyword [DLLZ17, LKX+14, SA07, WHMO13, WXY16, YD18, ZSZ14]. kinds
[WGM15]. Kinect [AKG+17]. Kinect-based [AKG+17]. Kites [VLC03].
KL1 [Bal93]. Klouwer [vdR87j]. Kluzniak
[Teb86, vdR87j]. knapsack
[HXWW18, VDPHS09]. Knowle [XWL+15].
Knowledge
[BBCN18, Chv87, DD07, How91, SPCL04, SNA92, TY85, Wai86, Wie85, ZSP17, Zhu07, ZS16, ABTF16, Ano86j, BCB+17, BPAP92, CSC+92, DMPP+16, DL04, EO86, EdBG+99, FFS10, GZS14, Hol93, KFF89, Kim07a, LvW14, LTZ15, Maes98, MEDI16, NIS93, Nis93, Ohy89, OPT09, PP07, PMT10, Qu04, SY04, Sle14, TNY17, TF17, Van87b,
YMM00, YPHZ14, ZY90, dLLA93, vdrR87l, ZL04b, vdrR87g. Knowledge-based
[How91, SNA92, Ano86j, CSC+92, Hol93, KFF89, Mae89, Ohy89, TNY17, dLLA93].
knowledge-guided [EdBG+99].
Knowledge-infused [ZSP17].
knowledge-intensive [SY04]. KOAN [BP94]. Kogan [vdR87b]. Kowalski
[Ano84k]. KP [HQZH14]. KP-ABE [HQZH14]. Kronecker [BPS06, BKB18a].
Kruse [vdR87k]. Krylov [Dat03]. KSR [LF95a]. KSR-1 [LF95a]. Kuaa
[dOWdAS+18]. Kurganov [NB04]. Kutta [CP06].
L [Zad87]. L2P2 [SLL+17]. Lab [BGJ+06].
label [SLL+17]. laboratories [AKB+01].
laboratory [BGH+03, BDZ13, CGL+10, GRPL04, GFGB03, ZDL+13, DBdL03, SVN+10a].
LaCoS [BHH91, BHH92]. LADY [WB90].
LAG [DW11]. LAIOS [Dup90]. Lambda
[LRJ+06, SDBdL06, MGYCO6, PT16, THN+06, CT09, GdBW06, PW09, TDV+08, YLC+06, THN+06]. LambdaGrids [NF07].
LambdaRAM [VBLbS09]. LAN [HO02].
Land [LJN04]. Land-use [LJN04].
Landmark [RCM17]. lands [CALN03].
Language [Ano86i, BS91a, HSS92, Ano85g, AP96, By93, BS92, DHS00b, EHT10, EP12, ES94, RBC+88, SDWS13, ST98, Sun10].
Languages [CMZ95, Bal92, BL92, JBA94, MRV92, MSS02, Omo91, OP95]. LANs
[HMW14]. Large
[BBJ+06, CTT+08b, CHK98, CGJ+10, EGVT18, FAJP99, FQBCF15, GSV+10, HKM+06, LKM14, LPK94, PB17, WVC05, AMBB18, AR15, ARP14, AQB15, BC15, BBSV92, BAPS14, BKB18a, BDL06, BDHK06, BCW01, BCW01, BCB05, BCD+18, BCH+08, CDT+15, CDF+05, CRVZ15, CA13, CA15b, CR92, CLY14, CTMO06, CCHW03, CGM+18, CSP13, Dat03, DAM08, Din03, DDB14, DPL14, DB99, FDP17, FPGK18, FWB13a, GLA88, GLNT13, GIM16, HLCL16, HZ10, HAB+06, IPG+18, RJJ+11, JHC10, Joh02, JTBS15, KKI14, KPB+03, Kio05, Kos95, KAS+18, KTV03, LTN10, LSZ+16, Luk00, LM12, MTK05, MKH06, MPR+16, MLS001, NS01, NEJP94, NJKH13, PPZ12, PLA18, PGCC+10, PBUK01, PF17, PPLL17, RN04, RL98, RdLM06, STMV18, SKT+08, SNV01, SLO+05b, TDFZ18, TJS010, TY11, THT12, Var00, VS19, WKL+03, WTT+14].
large
[WLL16, WHH+17, WRCC17, WBJM14, WS10, XWL+15, YDK11, YHJC05, YCAS03, YCX05, ZAB15, ZWW+13, ZW10, ZYTC15, ZXL14, ZA14, GPH+94].
large-dimension [ZAB15]. large-eddy
[NEJP94]. Large-Scale
[CHK98, EGVT18, FQBCF15, GSV+10, HKM+06, LKM14, PB17, WVC05, BAPS14, BDL06, BCD+18, BCH+08, CDT+15, CDF+05, CRVZ15, CA13, CA15b, CR92, CGM+18, Dat03, DAM08, Din03, DPL14, FDP17, FWB13a, GLA88, HLCL16, HZ10, IPG+18, Joh02, JTBS15, KTV03, LTN10, LSZ+16, MTK05, MKH06, MPR+16, NS01, PPZ12, PLA18, PF17, PPLL17, RN04, TJS010, TY11, THT12, WRCC17, WBJM14, WS10, YHJC05, YCAS03, YCX05, ZA14, GPH+94].
large-scale-application [TDFZ18]. Lark
[ZBCT17]. laser [Fin99]. Late [MLBS11].
Latency
[Höf03, MHC14, ABB+03, CW13a, DHB02, HML+06, HSP+13, KIS11, PBHK01]. latency-sensitive [CW13a].
latency-tolerant [DHB02]. Lattice
[AKH+04, Bg99, SdSP04, ABL04, CM99, CH04, DS04b, DC00, FPdS04, HCR04, HRJ+04, IOO04, KKHS01, ZaTZ+17, DY04, NCS04, vdsS04]. lattice-based [ZaTZ+17].
lattice-Boltzmann
[FPdS04, HRJ+04, KKHS01]. layer
[AKCY+17, CCLS09, DvdHgdL09, FNA11, GZW8, Kne89, KSM+07a, KSM+07b,
LXMW15, LW+16, MYK16, PBHK01, SCS+18, TZL+18, TJ18, ZN12, ZJW+14. layered [DD07, Kim07a, MS01, PDK10, PSBB15, SKF+11, KJFS12]. layout [ldLR01, KR14]. laziness [KGW95]. lazy [C00, PY00, TV16]. LBBA [SC16].


Learning [BGJ+06, CLL+18a, NK05, Pud01, RT16, ZZN04, AD18, Ami90, AV00, BLAV06, BMP+16, CMT16, CJN+15, CLL+14, DA16, DGG+17, ECPF17a, GPJA+14, GBE00, HSV+17, HUMA18, KMI11, KKS18b, LLH+17, NIS4, RGAT18, SI18, SH90, SZD+17, TNY17, VGBL+06, Ven08, Ven09. VRGR16, dOWDAS+18, WLB11, WXZL11, XZ+14, XLL+14. dIFVPSH+14, Ano86h, ZBF14].

Lease [LLKF09]. Lease-based [LLKF09]. least [vdV89a]. lecture [Ray05]. legacy [BBW08, BKL01, DW11, KT08, LRW01, MLD08].

legal [CCIP18, Ser95]. legal-rule [CCIP18].

Legion [NH03, CKKG99, NH02].

LEGioT [MPL18]. Legislation [Ano84i].

Lenat [Zem86]. length [CP06, XL+12].

Lessons [HS98]. Letter [Ano87k]. Level [HSS92, LY+16, AD18, AFS16, AJY12, ATT96, BSCC06, BMFC07, CLP95, CST92, Chu10a, CCD+10, FG14, FWB13a, GOB16, GJF+12, GLXF17, JLI+13, KKS08, Kca99, KMK09, KMK+14, KSM+07a, KSM+07b, LKA+08, LJW08, Lop96, MTD18, MJMR16, MLBS11, PKC04, PRS12, QPTCG+12, RZ16, RMPG10, RS17b, RMHCMG15, Rus09b, SRZD15, SVN+10a, SEMJ11, SK18, SSL13, TSBH11, WLYL11, WWC14, WBF08, YKL+07, ZLZ13, ZCK+15, ZHZ+16, ZDR07].

levels [CEJK94, FB93, LJY10, MKT09, SPBT07, TTB+13]. Leveraging [HWS07, LLF+18a, CTT07, DW11, DLZ+14].

Levy [NB04]. lexical [HK88].

lexical-functional [HK88]. LGF [BBW08].

LHC [RW+13]. Libraries [LHG97, HEM99, STH+98]. library [AFS16, ACE02, BFK02, FB97, FBBW99, GD93b, GM+08, LC04, PCM99, vdV89a, BMFC07, Ber06, TS08]. licenses [CMZ+12].

Lie [BC03, CM003, MPQ03, MKK03]. Life [ABB+07, AFO+18, CBBC+17, DZJ+00, GCBM17, GPS+17, JOPWF14, KOM98, LWHC07, SFR15, WOPW13]. life-cycle [DZJ+00]. life-threatening [AFO+18].

lifecycle [KAS+18, LYW+16]. Light [DS04a, AKB+18, Eng14, LLZ+18, SJR13, SHB89]. light-based [SJF13]. light-weight [Eng14]. lightpath [GXD+09, JHL+06, KMCH03, SLJ+06]. lightpaths [CGD10, GM+09, GFR+06].

Lightweight [MPL18, BK06, EGK+07, HZ10, MCN+18, MLBS11, dRRR+18, SZP00, SCS+18, YCT15]. like [CMT01, DDL01, Kle07, Prz03]. limitations [ABdLL05, KC98, NS17b, Par87]. limited [JLCC12]. limits [LN13]. Lindström [vdR87a]. line [BMR15, BW95, EV98, LVH08, TJ18, Ueh89].

linear [ADAAD12, BJNH05, BDNP13, BFR05, BRMN04, BCG05, CZT15, CLY14, DHD89, FPdS04, GKS05, GGA+16, R¨ob05].

light-weight [ZSP00, SCS+05, SMG18, XWL+18]. light-path [GXD+09, JHL+06, KMCH03, SLJ+06]. lightpaths [CGD10, GM+09, GFR+06].

Lightweight [MPL18, BK06, EGK+07, HZ10, MCN+18, MLBS11, dRRR+18, SZP00, SCS+18, YCT15]. like [CMT01, DDL01, Kle07, Prz03]. limitations [ABdLL05, KC98, NS17b, Par87]. limited [JLCC12]. limits [LN13]. Lindström [vdR87a]. line [BMR15, BW95, EV98, LVH08, TJ18, Ueh89].

linear [ADAAD12, BJNH05, BDNP13, BFR05, BRMN04, BCG05, CZT15, CLY14, DHD89, FPdS04, GKS05, GGA+16, HPP94, Lop03, LD04, Pan95a, PHL98, PH94, SGFS01, SG04, TGM11, WW+17, YPCK12, ZZZ18, vdV89a]. linear-time [LD04]. linearization [Rb05]. lines [Md00O+17].

linguistic [CPE+17, ECPF17b]. Link [CC00, GCCPGBS10, HQ10, LTC12, Sun10, WFQ+10, Zhu10, BCF16, CGM+18, DFSZ88, GCC17, SMG18, XWL+15, YCZ18, ZS10].

Link-time [CC00]. linkage [TTC+14].

Linked [DMMM11, Ans11, BBD+13, CPSRG14, Li10, CAS+16]. linking [ABCD00]. links [ABdL+03, WLRL18].

Linux [VSM02]. Lip [KLH+04]. liquids
Logical [BB84, BB85, WMN+01, Vau93]. logical-time-based [Vau93]. logically [MRV01]. Logicflow [KP00]. logistical [BBG+05]. logistics [SPCL04, ZL04a].

London [vdR87b]. Long [OS06, RSK16, DLS+12, HKU+11, HKG+16, KTV03, MGH+05, PM14, WWD+14].

long-distance [HKU+11]. long-haul [RSK16]. Long-range [OS06, PM14].

long-term [HKG+16]. look [WYBS11].

looking [Büc05a]. Loom [BCD+18].

loop [EKGS14, KC98, LTC12]. loop-free [LTC12]. loops [LRMC94, XHY+90].

Loosely [BDNP92, Mis92, AGP+92, MD92b].

Loosely-coupled [Mis92]. Lop [RGDM16].

loss [KDHP16, LN04]. Lossless [DQ97, CCM98].

lossy [ASO14]. Low [ABP16, GVRIVBV14, KWK16, RS17b, SHJR04, BSE].

CEJK94, CALN03, GE90, HML+06, HSP+13, JCMPPC+18, MTKS00, TLC+15, VVC+12, DT94].

low-cost [BSE+13]. low-footprint [VVC+12].

low-latency [HML+06, HSP+13].

low-resource [TLC+15]. Low-time [ABP16].

LR [GHMX10].

LR-WPANs [GHMX10].

LSI [Abe92]. Ltd [Ano87b, Ano87l].

LTE [GSP+17]. LU [MvdV01].

Lyapunov [DE03]. Lyon [BBD+99]. LZSS [OSC14].

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

MAC [CL+18a]. Mach [CR92].

machina [PKSC02]. Machine [Ama88, Ama89, Ama86, BCL88, BVP+87, BDF+99, BHH+93, BS91a, BB84, BB85, CCKW88, CH95, Por95, YTHY84, AD18, ASTEP98, Ano87l, AGKZ18, Bal93, BS92, BFC02, CPB00, CFVP12, CLY14, dCCDFdO15, DA16, Gur85, HSV+17, HSC15, HAA+16, JNR12, KCS14, KSY92, LJS17, LYYY18, LPBB+18, LZY+16.
machine-based [LZY+16].

machine-learning [DA16]. machine-room [Ram95]. Machines
[DK17, LYYY17, SwAS01, AAM+16, AS14, BH90, BM00, CC98, DEG+17, DSH00b, DHL00a, DK00, DQLW15, DCMW17, GMVI13, GBT87, HMMH17, HZZ+14, JLL17, JDW+14, KZL06, KTY03, KSSG16, LLF+18a, LLL12, LLL13, Man15, PM04, PRC+14, SS13, SDDD17, SLA+16, TMMV12, TDG+06, Uch87, WQG15, XWX+17, ZWHC17, dTK92, SM01b].

Macroeconomics [HPLL08].

Magnetohydrodynamic [GPH+94, Aoo96b].
magnetohydrodynamics [BvdHN+01, MPG96]. Magnus [DR03].
mail [LL04b, Ōst92]. main [TTCC+14].
main-belt [TTCC+14]. maintenance [DPS16, ZH17]. Major [SSS17, Lit03].
make [TMM+13]. Maker [JBR+16].

Makespan
[JZWL17, JLL17, RNJK09, WYBS11].

Making [CN98, HNS05, RR+14, WBT+08, ZD+16, DD06, Gso5, KKL10a, KFF89, KKS+18a, Nwi89, PP07, vdR87f]. malapp [WWW+17]. malicious [LLQ14, MRL14, WLW+18]. malware [AD18, HHL+18, HAA+16]. mammals [WMBV17]. mammographic [FMV14].

MAN [TDG+06]. MAN/WAN [TDG+06]. manage.
[MAB+15, OAMS18, SFR15, TMS+17].
managed [CRM+16, NJHT11].
Management [AR10, GS16a, WXLY15, ABA06b, ADM06, AAB+10, ANO86j, ADK+09, ACC+16, BBWB+18, BJWZ08, BFL99, BFP18, BCF+10, BAB12, BPP+07, BN17, BDL06, BCP03, BHD14, BCD+18, BRNR15, BR10, CMZ+12, CPD+15, CO03, CKK+04, CL18b, CKKG99, CML+16, CYZK15, CT09, CAB+18, CO06, CR14, DCL00, DVJ+15, DMG+08, DMPP16, DS08, DS07, DLO4, DYT+16, DSPA18, ECPF17b, DRS96, FA11a, FG14, FH+99, FM17, Fra08, FTH16, GCC+11, GLM+12, GLA88, GEG14, GBS10, GKW+12, GRS+12, Graf1, GR07, HY09, HAP15, HCT14, HKT94, HZP+14, HB00, HML07, HML09, KS+13, KA08, KMM11, KKL09a, KAD14, KS17a, KH18, KD00, KARP14, KAS+18, KH98, KVHT10, KK97, KLSS05, LSO7b, LBYL08, LKN+13, LMZ+14, LST07, LW+12b, LKK+16, LLV+16, MPAF15, MBS13, MSBA16, MM08, MED16, MK04, NSSA+14].
management [NJKH13, OB17, OE13, PSJ+12, PRS+13, PK99, PB17, PH07, PLCGS11, PM10, PP+09, PF17, PPB16, RMVG+10, RM11, SEH99, SMM14a, S096, SCL14, SAK+10, TOD17, TTB+13, TF17, TMY05, TAHS14, TY11, TCBPR16, VdIP12, PVC+03, VDK12, WZC08, WW11, WCF+15, WMY+18, WBT+08, XWL+14, XAW+10, YMLT13, YMM00, YMD+13, ZWW+13, ZCS+16, ZYK17, ZLR+15, dSF+17, SJV+15, ZDR07].
manager [KMT14]. managers [GDR+14].
Managing [BC018, DGGH11, HLNN11, HKP10, Kos00, LKA+08, MBMTR18, SCY01, ACC+05b, CFGM16, Gos00, PSA+09, SG14, TBB+17, YLHJ14].
Manchester [GR85]. Mandatory [BL13].
Mandel [vdR87e]. MANETs [JFDF09, ZYW+18].
maneuvering [LWX13]. Manifold
[AH94, XLL+14]. manipulate [VOCHC17]. manipulation [DMMP98]. manner
[kH=ZJW18]. manufacturing
[HDC+94, SSST17, WG91, ZMJ+06]. Many
HYZS16, Len01, CLH10, EDH+13, JLY+18,
LC14, MAC14, YLJ+17, ZAB15, ZCL+14, ZLG+14. Many-core
[LYZ16, EDH+13, JLY+18, LC14, MAC14, YLJ+17, ZAB15, ZLG+14]. Many-particle
[Len01]. manycore [BPM17]. map [DR03, KLC05, SCSC11, FJ00, DL04, STA17a].
MAPFS [FCG+06, SPK+07]. Maple
[AY07]. Mapping [AEGF+01, Mil11, MFT+17, Van02, YG18, dRSS97, DSK+14, DKV14, DST10, DST14, HSC15, KTM+08, LJW08, LvW14, MS03, MEBA12, Reh06].
MapReduce [DFGR14, ACK+15, DDJ+13, DFG14, GZWQ13, HSC15, JZWL17, JS13, LKM14, LQK+16, LL+16, LS+16, LC14, LL4H13, LSJ+14, MNV12, SEMJ11, SB17a, SJV12, VETT16, WTR+13, XX14, XTT18, YWF+10, ZCK+15, ZFS+18].
MapReduce-based
[LLC+16, LSZ+16, SB17a, YWF+10]. maps
[Che18, DH16, DMM14, KLW+16]. March
[BFS+17a]. margin [CZ12]. MARIANE
[DFGR14]. marine [FCD+14, WMB17].
Market [JBR+16, Wi04, JSS+12, JRF+07, Lin18, RFL16, RA12, SCMS12, SVB07, Wi06, Yan09]. market-based [SCMS12].
masterplace
[JBR+16, MGV+14, VMSRM12]. markets
[BAB13, MG16, PRS12, VPT+10]. Markov
[BDHK06, BCB+07, CLL18b, LvW14, WQG15]. narrow [BPP+07]. MARS
[GR06]. marshaling [PVBB05]. mashups
[dVXB+11]. mass [KKV+18].
mass-gatherings [KKV+18]. Massive
[SG05, BOM+07, DGD+16, FGM11, KKM07, LXL+17, NS17a, WML14, WRBG94].
Massively
[DDO+92, KL02, Cas94, CS96, Gil94, JBA94, KZL06, PKD10, PN09, YdOLS+05].
Master
[LC14, Bum03, HCL07].
Master-worker
[LC14]. matacomputing
[HJS+99]. Matching
[DDR96, TOS18, FLL17, KNK+08, LLC+16, LLM17, MWQ+14, MM03, NWMG17, PRN14, TJ18].
Matchmaking
[DT16, CCD+10, LCBF13, YAO14]. MatchTree
[LCBF13]. materials
[Gi04, HLC16, MZD+16, SYT09, SCK+00, WRBG94, WAD+09, ZMJ+06].
Mathematica
[UB07]. mathematical
[KSAOK08]. mathematics
[AMB03].
MATLAB
[BKG05, EPJ+05].
MATLAB-based
[BKG05]. matrices
[Am06, BH03, dSL98]. Matrix
[XZ14b, BST+08, CDS03, Dat03, GGMS18, HBCR01, Jun18, Kat04, KR14, LC04, SJL+17, ZWL16, ZCH+17, ZCC18].
Matrix-based
[XZ14b]. matrix-vector
[ZWL+16]. matter [To99]. matters
[PD11]. MAX
[SH00]. maxillo [SGL99].
maxillo-facial
[SGL99]. maximal
[LHW+18]. maximization
[MG14].
Maximizing
[MI18, SMS14b]. maximum
[CZ12]. MCC
[vdR87]. McCord
[vdR87g].
MCDM
[SMZ+16]. MCMC
[LW14].
MDP
[MR18]. MDP-IoT
[MR18].
mdtmFTP
[ZWDP18]. meager
[DV13].
mean
[CGIP14, HKP10, SZ98]. mean-field
[SZ98]. means
[AMHJ10, Avg00, DS04b, LSZ+16, PW09, PT16]. measure
[Szu01].
measurement
[BDZ13, C3T+15, DMM+99, GSY+17, PSP+09, VVC+03, WR18].
measurement-based
[VVC+03]. measures
[LDL16].
Measuring
[PARMF14, VLAC+13]. mechanics
[AKl89].
mechanism
[AR15, ABF+15b, CSJ+17, Ch04, CB10, CC09, DJI18, DL+12, EK11, ECPF17b, FD95, GA13, GZW18, HY09, HLW12, HAP15, HDLW13, JDF09, KTM+08, LCP04, LJY12, LMXW15, LQLX10, LLGY18, MW09, SMG18, SHTN18, TNP15, TAKV13, XDLH12, YXX+16, ZA13, ZW09, ZA14]. mechanisms
[BDZ13, CST92, SY88, CCT14, DC18, GHYK18, GDRS04, KKW+14, PLGMC18, PMFH11, Sar92, SGN+17, SS03, TMMV12, WRCC17, YNY+14].
Mechatronics
[CJN+15]. MECOM
[JDW+14].
Media
[MLC+11, DVD12, GHO+11, KMN+05, LLG+16, MCC+15, RS99, WdL16].

MediaGRID [VWD+08]. median [KPS18]. mediated [ZGS+13]. mediation [RVST17].
mediator [ABTF16, WBT05]. Medical [EV98, KE85, OM10, AIB+18, BCT+07, CD99, CCM98, EdBG+99, KKV+99, KVI+10, LHBC16, LLSR02, MJ98, SJ17, TIHT14, VFB+14, XYZ05, YCI10, YSC+15, YLN15, ZCH+17].

MediGRID [KBB+09, SLS+09]. medium [DRS04, GHMX10].

meets [CCT13, MGR11, PYH+18, TG04]. Meiko [CW93, GL95, LF95b, RBS93]. MeikUS [GD93a]. Mellish [vdR87a]. membership [GNST14, PF17]. memories [De 88, HBCR01].
Memory [BPS06, BM92, CSP98, DLZ16, GSD95, KGX95, PBM95, Ami90, ABL04, BFLL99, BYL+18, BK97, BBSV92, Ber98, BEWZ10, CR92, CS93, DKK+13, FC05, FJL+16, GVI13, HI98, HPP94, HHHX+13, HG92, JD9+14, KP12, KN06, KSM+07a, KSM+07b, LAL+14, LWSC07, LBU+10, MAC14, MA90, MCD16, NP03, PY00, Par04, PH94, RCD03, SF06, TC06, USK16, WJ99, WWC+97, WHZL10, SG05].

memory-based [Mcd16].

Memory-efficient [BPS06], menu [LC03]. merchants [ABCD00]. merce [HRJ+04].
mere [MBZL09]. Merging [Kat04, CPGds+13, TSOB15]. mesh [BRR+04, CH95, D50a4, KCH04, LHB95, RZDM01, UVW92, WC01, XZI4b].

mesh-connected [UVW92]. meshes [JL98, PMCM04, SW05]. Message [BFR99, FLPP05, Gor02, WHZL10, AMH04, AC92, Ber98, CST92, Kac00, Kal94, LC17, NWL17, ZA14, DKD08, LDHS95, LM12]. Message-based [FLPP05].


Metacontroller [ESPP01].

metacomputers [BvdV99].

Metacomputing [BGR+99, PBC+01, RRS99, BFL99, BMG10, BFR99, EMB98, GR96, HAF99, HAF00, Kea99, Lee04, MV+99, MS01, Ram95, SSB05, WSH99, BKKW99].

metadata [BJA+05, LFH+15, Mil11, YMW13].

METAFOL [BS96].

metagenomics [SGP+09]. metaheuristic [DOV01]. Metal [SPSP17, HW95]. Metal-as-a-service [SPSP17].

metamodel [DKG08, WBKL16].

metamodel-assisted [DKG08]. metaphors [MB01].

metascheduler [TCR+12, VHML10].

metascheduling [LGW07, MHA08].

metasystems [CWW+99]. metered [YVCB10]. metering [JLC18, TSS+18]. meters [MK17].

Method [DB99, BCFS02, BV04, BvdHN+01, BS04, BV04, Bou95, Cro95, DS04b, DS99, DCC13, EMM12, FT07, FWB13a, GAFF012, GOBL16, GPS13, GLXF17, HESM99, HvHAS04, HPP94, HPL09, HRJ+04, IO004, IAL01, JMR01, KIS11, KMS9b, Lee04, LNJ04, LZXW13, LHZ+16, LYY17, LYY18, LZL+12, LXZ16, OA17, PNZ14, PDK10, SKT+08, SW+13, SOIS12, SLW01, TDC+14, TMDZ15, VOCH17, VFS01, YLH14, YJS18, ZZ17].

Methodology [DDO+92, Ham17, vdR87c, BJWZ08, KKS15, Mat89b, MSBA16, MED16, OP97, KT02, TF17].

Methods [ALFR16, BHH91, GLS99, PBT02, AHdJF97, AMM16, BMZ01, BHH92, BC03, BST+08, BMP+16, CP06, CMO03, CM99.
Mobile-IoT-Federation-as-a-Service

Model-based [LB09, BvdBM93, IMKB89, MJM16, SZ12].

Modeler [FBBW99].

Modelling [HCB16, Lin18, DPBK16, MHV+16, Pap05, ACU95, AEM10, BPS06, CGT07, CWW+13, CH04, DS99, DY04, FPX09, FHG95b, IJLC03, KG01, KMB17, KGVW14, KH97, Lee04, LSD+17, LGS+07, OCW14, SWW+13, SCN+14].

Models [BAP17a, BAP17b, GSD95, KGX95, TTP+07, BS17, BGI14, BBC12, BNJ16, BDHK06, CDF05, CHSA18, CS93, DDL01, GBA09, HAP11, HLV16, IKLL12, Joh92, KCT99, Kim07a, KM01, LMBCC89, Lin18, LKJ17, LTZ15, dSMAdR+17, MR04a, Mér17, Mor01, OCCK14, RB12, RLRC13, ScHo1, SWW+13, ST98, SLW11, VVB13b, WJZ+17, XDQ10, vdHSL+15].

Modern [ABMS05, LRY17, SCC04, TKR+15, PSS01, PKSC02, RZ16, RSV90].

model [RWV+13, RGDML16, RMCM12, RS98, SHP+16, SS13, SHBP10, SGL99, SL11, SZ12, SCB04, SD02, Shi91, SGM11, SFR15, SCL14, SKS17, SUD+98, Szu98, TLSC17, TZL+18, TMD15, TDL05, VDPHS09, VP94, WG00, WC06b, WWC14, WY17, WHP09, WYH+17, XZ16, YNSM12, YMW13, YZLQ14, YXY18, YYY+17, ZDD+18, ZRL18, ZT90, ZT91, ZTY10, ZME+15, ZZJY16, ZYX11, dITK92, CsZ14, GM11, HCL16, KLM+03, Mi11, MCF+11, SB11, St113, PSS01, PKSC02, RZ16, RSV90].
ZME\textsuperscript{+15}. modes [CASW05]. modified [GDRS04, LNJ04, ST11]. modifying [GL04b]. MODIS [HR\textsuperscript{+14}]. Modular [DSPA18, CHJ\textsuperscript{+04}, FSP\textsuperscript{+18}, HML07, PSW\textsuperscript{+14}, RN04, YP12]. modulated [GZZ\textsuperscript{+18}]. modulation [HIJK\textsuperscript{+04}]. module [WG00]. Modules [HLvL\textsuperscript{+97}]. moldable [HZZ\textsuperscript{+14}, MLBS11]. molecular [ASV\textsuperscript{+13}, BR504, FAS99, GRP104, MDD89, MF93, PHM\textsuperscript{+99}, SCK\textsuperscript{+00}, SBA\textsuperscript{+05}, Sz98, ZCW\textsuperscript{+04}]. molecular-dynamics [SCK\textsuperscript{+00}]. molecules [DRS04]. Molokai [Hu89, Rh89]. momentum [KHH01].

MOMI [DFSZ88]. MOMI-connection [DFSZ88]. monitor [HMP04, SLLJ13].

MOnitoring [Suz89, ACU95, BSG\textsuperscript{+05}, BFW\textsuperscript{+03}, DVV90, RMCN\textsuperscript{+10}, VLAC\textsuperscript{+13}, ABC\textsuperscript{+18}, AAS17, AS14, AIB\textsuperscript{+18}, ADP\textsuperscript{+05}, BBFW03, BB11, BBWB\textsuperscript{+18}, BCC\textsuperscript{+17}, CA15a, CJJH13, CC09, FGG13, FAMA\textsuperscript{+17}, FWB13a, FCD\textsuperscript{+14}, GMP\textsuperscript{+17}, GKT15, JNH18, KSF\textsuperscript{+13}, KBdLG18, LBB\textsuperscript{+09}, MSM\textsuperscript{+13}, MMLO18, PMLVLS\textsuperscript{+13}, RSR10, SSL13, TNC\textsuperscript{+14}, TSTL16, TSBA11, WHMO13, WX\textsuperscript{+18}, WDD00, ZS05a, ZQX\textsuperscript{+13}, Szu89].

monotonicity [EL03]. Mont [OBG\textsuperscript{+18}]. Mont-Blanc [OBG\textsuperscript{+18}]. Monte [BST\textsuperscript{+08}, CPGD\textsuperscript{+13}, CPGB16, DDJ\textsuperscript{+13}, HJ16, TMY10]. Monte-Carlo [CPGB16]. Morpho [LSJ\textsuperscript{+14}].


motherboards [HCJCD05]. motifs [GB\textsuperscript{+14}]. motility [Len01, Low01].

motion [KZCW13, KLC05, SKF\textsuperscript{+09}, Sin92, SYW17]. motivated [Pet95]. motor [RMSPP17].


MPI [ACGdT02, ACH\textsuperscript{+11}, BCH\textsuperscript{+08}, CRE01, DZ98, FD02, FB97, GLM\textsuperscript{+08}, IPC\textsuperscript{+18}, JS13, LR06, LRW01, LS08, MM03, NHT06, PSK\textsuperscript{+10}, Reu03b, RGDML16, SG05, ZA14].

MPI-based [LRW01]. MPI-DDL [FB97].

MPI-Delphi [ACGdT02]. Mpixel [SW06].

MPP [HW95, vO95]. MPP-systems [HW95].

MR [DMM\textsuperscript{+99}, VETT16, YWF\textsuperscript{+10}]. MRA [ACK\textsuperscript{+15}]. MRI [GSV\textsuperscript{+10}]. mRNA [TBD\textsuperscript{+02}]. MSIMD [GSN95]. MSNP [WWVJ17]. Mt. [CDRS05]. Mu [NTN86].

MUC [QCYJ17]. Multi [AJY15a, AB18b, BMU16, BB17, DNJG17, DF97, DNP14, GOBL16, GDX\textsuperscript{+09}, GLXF17, HMH17, IS03, JAA09, LLH\textsuperscript{+17}, LPL\textsuperscript{+16}, LPV\textsuperscript{+16}, MZH\textsuperscript{+17}, MLFS16, MR03a, MR04b, MMRL17, SA14, SKF\textsuperscript{+11}, SS17, SDD\textsuperscript{+09}, TSL\textsuperscript{+18}, WW11, WWT18, YLC\textsuperscript{+06}, ZFW14, ZCL\textsuperscript{+14}, AD18, ADKS06, BGI14, Bar11, BPC\textsuperscript{+14}, CCLS09, CCCC14, DLLL17, DFG\textsuperscript{+00}, DEG\textsuperscript{+17}, DvdHGdL09, DS\textsuperscript{+99}, DB99, FTK\textsuperscript{+14}, FLT17, FNA12, GPS13, GDR\textsuperscript{+14}, GGL18, HGC\textsuperscript{+14}, HLZ18, DCJ11, IGB\textsuperscript{+14}, JR\textsuperscript{+11}, JTBS15, KDPH16, KMT14, KIS11, KLH\textsuperscript{+04}, KESL17, KKKM17, KKKM18, KB16, KGLY18, KLI\textsuperscript{+17}, Lj07, Lj17b, LKX\textsuperscript{+14}, LW\textsuperscript{+14}, LYYY18, LH13b, LHL03, LYS12, LG16b, LPD\textsuperscript{+13}, LLLA17, MWYC12, MSK03, MR04a, MDD15, MYK16, NWE04, PK11, Par06, PRC\textsuperscript{+14}, PDW\textsuperscript{+11}, PMLVLS\textsuperscript{+13}, QCYJ17, RMJ\textsuperscript{+18}, RB18, RMHCMG15, RRH16, STMV18, SSG17, STTK03, SBAD\textsuperscript{+18}, SWG\textsuperscript{+16}, SCS\textsuperscript{+18}, SOIS12, SWW\textsuperscript{+18}, SHLB08]. multi [SVN10b, TLTY05, TCBPR16, TCM\textsuperscript{+16}, TYH04, VD16, WMO13, WWC14, WHW16, WIZ\textsuperscript{+17}, WSH\textsuperscript{+16}, WHP09, WXZL11, WSQ\textsuperscript{+16}, WXXZ18, YJS18, YZ12, ZGB\textsuperscript{+17}, ZWL13, ZHZ\textsuperscript{+18}, ZLG\textsuperscript{+14}, ZLL\textsuperscript{+16}, ZHHQ18, vM94, vOHD\textsuperscript{+05}, AB17, Gra92]. multi- [ZLG\textsuperscript{+14}]. multi-agent
Multi-application [DF97], multi-attribute [FLT17, SHLB08], multi-block [vM94], multi-camera [YJS18], Multi-Capacity [BB17, HMH17], multi-category [GLLW18], multi-Cloud [JTBS15, DEG+17, KKKM17, KKKM18, RMJ+18, SBAD+18], multi-cloud-server [KLW+17], Multi-cluster [JAA09, WHW16], multi-component [SVN10b], Multi-core [MMRL17, LG16b, MWYC12, PK11, PRC+14, VD16, WJZ+17, WSH+16, YZ12, ZHHQ18], multi-cores [HLZ18], Multi-cost [SDD+09], multi-CPU [VD16], Multi-criteria [MLSF16, ADKS06, WHP09, ZZH+18], multi-criterion [FTK+14], Multi-device [LPL+16], multi-dimensional [SS17, WW11, ZFW14, DSH+99, DB99, FNA12, SWG+16], multi-disciplinary [DFG+00], Multi-domain [GXD+09, YLC+06, vOH+05], multi-exponentiation [WSQ+16], multi-factor [LWD+14], multi-formalism [BG14], multi-function [WLXZ18], multi-gigabit [KDHP16], multi-GPU [VD16], Multi-grid [CCCT14], Multi-Hop [WWTF18, KESL17, LLAW17], multi-installment [SOIS12], multi-job [WWC14], Multi-key [LLH+17], multi-keyword [LXK+14, WHMO13], Multi-layer [TTL+18, CCLS09, DvdHgd09, SCS+18], multi-level [AD18, GOBL16, RMHCMG15], Multi-objective [DNP14, GOBL16, LPV+16, ZCL+14, GPS13, STMW18, WWC14, ZLL+16], multi-paradigm [STTK03], multi-physics [Par06], Multi-point [SKF+11], Multi-Protocol [GLXF17], Multi-provider [BMU16, IGB+14], multi-proxy [TYH04], Multi-QoS [AB18b, AB17], multi-relay [ZWL13], multi-resolution [KLH+04], multi-resource [LYYY18], multi-scale [MR04a], Multi-scheduler [AJY15a], multi-server [LH13b, LHL03], multi-signature [TYH04], Multi-site [SA14, TCN+16], multi-start [KMT14], Multi-symplectic [IS03, MR03a, MR04b], multi-tenancy [BPC+14, TCBPR16], multi-tenant [MDD15, PMLVLS+13, RB18, SWW+18, ZGB+17], multi-tier [GDR+14, HGG+14, IDCJ11, KIS11, LPD+13, TLYT05], multi-tiers [LJ07], multi-touch [PDW+11], multi-trusted [WW11], 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], multibimetries [GEAR13], multicast [ADOKM06, BDL06, FMR05, GNWT05], multicast-based [FRM05], multicellular [Pal01], Multicenter [BJM+17], multichannel [MYBMM18], multicloud [CWD+08], Multicomputer [MF93, BL98, CST91, KD00], multicomputers [KM01], multicore [ADH+16, BFP18, HAF+16, KR14, LRYJ17, PSSP16, RGDML16, WCC+16, WPJ16, WLR18, HYZS16], multicores [SHP+16], multidevice [Pan95b], Multidimensional [CLR16, 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 [NKX09], Multilevel [WC01, SSC04], Multimedia [HXA+17, YWL+17, BS91b, CFGC03, FGRZ09, GL04b, GSY+17, HLYW17, HML+06, IG12, Mul92, Pap05, PKY+17, ...]
RHH$^+$16, vKvWD$^+$13. **Multimodal** [Sar18, EAA16]. **Multimodel** [KKV$^+$18]. **multinets** [Klo05]. **multiparadigm** [BdCYG05]. **multiparty** [HML$^+$06]. **multipath** [KN10]. **multiphysics** [MTH$^+$05]. **multiplayer** [PN09]. **Multiple** [CW$^+$16, MBFC99, AFF$^+$09, Ans11, BBB16, BCPS03, CVb12, CMB17, CGL08, CSL18, DPL14, Fd95, HQ10, JCSS01, JL03, KSK$^+$11, LSMVL13, MJM$^+$16, MVRM08, MI01, PC17, RM11, RMHM17, SG17, SLA$^+$16, SVN10b, TMMV12, WT$^+$17, XDLH12, YD18, dFVFPSH14]. **Multiple-combinational-channel** [CW$^+$16]. **multiple-context** [FD95]. **multiple-perspective** [Hq10]. **multiple-task** [MVRM08]. **multiplication** [ZWL$^+$16]. **multipliers** [WMLS14]. **multiply** [CSQ17]. **Multiprocessor** [SZ98, AAB$^+$92, BR92, BW95, CR92, DKV14, GE90, Ka04, Kun94, LS01, Nos98, OsCy93, Pa04, SC16, SKJ01, SF06, Yam92, ZMtt16, mM95]. **multiprocessors** [AB95, Ber98, CK00, HHXL13, TC06, WYJ99]. **multiprogrammed** [Aba06a]. **multiprogramming** [Ste92]. **Multiresolutional** [EWG99, Boa04]. **Multiresolutional** [PCB99]. **multiscale** [BC15, BC17, BEWZ10, MSS$^+$16, RBC$^+$15]. **Multiset** [BCLS8, MK95]. **multiside** [CRYG18]. **multisite** [DST01, LPV$^+$16]. **multisparc** [CW93]. **multispectral** [LLWN04]. **multistage** [ADKS06, GS13]. **multisymplectic** [IS06]. **multi-threaded** [BBFW03, Ném00]. **Multiuser** [NR$^+$15]. **Multiuser-centered** [NR$^+$15]. **multivariate** [DD05]. **multiway** [CC98]. **multiworkflow** [AHME17]. **Münchens** [Bun03]. **MUSCLE** [BC17]. **MUSCLE-HPC** [BC17]. **music** [PMFH11]. **mussel** [PRW14]. **mutation** [DMN$^+$05]. **mutual** [KLW$^+$16, VCD$^+$18]. **MWM** [WMLS14]. **Myrinet** [Geo02]. N [FJ00]. **N-MAP** [FJ00]. **name** [ACSDRR17]. **Naming** [ACSDRR17]. **nanoscience** [GFGB03]. **nanotubes** [Tor04]. **naphthylum** [DRSO4]. **narrow** [Buc05a]. **NAS** [WYJ99]. **National** [HY03, SVN$^+$10a, DR89, FS93, Han03, KFP$^+$02, NSF87]. **Native** [MGH$^+$05, TBB$^+$17]. **Natural** [Ano85g, BY93, DCC$^+$14, LPK94, PFMC04, RRH16]. **Nature** [VV16, ZEO01]. **Nature-inspired** [VV16, ZEO01]. **NAUTA** [MSLP93]. **Navier** [ID98, VM94]. **Navigating** [vVDBB98]. **navigation** [VS04, XZ14a]. **navigational** [SOR05]. **NCSA** [PCM09]. **NDGF** [KVR15]. **NDN** [MRS18]. **need** [SOA17, WRGB94]. **needs** [GFD14]. **negative** [DYC$^+$18, SK05]. **negotiation** [COC10, DMZ09, GP09, LZYC13, MG14, MG16, RT16, RZ16, SSL12, YKL$^+$07]. **neighbor** [KKL06]. **neighbor-selection** [KKL06]. **Neighborhood** [ZF16, AEGF$^+$01, CZ12, CSL17, NAGD18, RNJK09, WYH$^+$17, ZRZ$^+$14]. **Neighborhood-based** [ZF16, ZRZ$^+$14]. **NEPTUNE** [OS92]. **nervous** [UPP17]. **nesting** [GL05]. **net** [LS05, dLB10, LS05]. **NetCoM** [RW13]. **NetCoM-2009** [RW13]. **nets** [AEM10]. **NetSEC** [SM03]. **NetSolve** [ESFD06, PCB99]. **Network** [BRC$^+$12, CBN16, CW13a, Din91, JL14, LG08, MLC$^+$11, MTKS00, OV$^+$09, Pal09, Per86, TMW$^+$17, TCCC11, VDK12, WWTF18, WRL18, ZHHC17, AFO$^+$18, ADOKM06, ABB$^+$03, AFB$^+$15a, AFB$^+$10, AR10, BMU16, BTO6, CT$^+$99, CCL08, CFL$^+$15, CWW$^+$16, CSL12, CFPC17, CFG$^+$05, De 88, Del06, DVB14, DS08, Dui89, FZHH14, Fer13, FJKK17, FWB13b, GPA00, GOBL16, GBY16, GvdBdL15, GFR$^+$06, GdBW06, GMM$^+$09, GGC18, HAF$^+$16, HLYW17, HCNT14, HSP$^+$13, HZH18, JAA09, JC09, KKP$^+$05, KbdLG18, KK10b, KAS$^+$18, KS18b, KGLA85, LJJ04, Lee04, LZXW13, LNB14, LMZ$^+$14, LYLY17,
network [VOS12, VSV95, WTG+14, WRC17, WSH99, XWL+15, YMLT13, YCWX18, ZGB+17, ZZDM+18, ZS10, BRH18, BSE+13, GPJC17, GKT15, HQ10, Sun10, WFW+10, Zhu10]. Network-aware [BCR+12, Pa09, TCCCC11, VDTK12, ZHH17, PP10, TCR+12], network-based [LYYY17, Sun92]. network-driven [YMLT13]. Networked [FMD99, PMFH11]. Networking [CG09, Gen95, HB98, Ld99, SMG18, Wi00, AB01, BBG+05, CJ+18, GXL+16, GZLZ16, GdBW06, HD+94, HRJ+06, LFC+18b, MT17, MWC+03, PA01b, RLL+17, Tbd+d16, VB03, WWJ17, ZBCT17, dLRW03]. Networks [EGVT18, FPPD14, HG15, KIAD17, SMS16, TKA18, ASO14, ADKS06, AIB+18, Ami90, ABdL05, AB03, BDP11a, BLAN+16, BS09, BMK+14b, BCR+12, BCMA07, CÖ13, CJ14, CWJ16, CCM18, Che18, CW13b, Coo90, CBD+05, CGJ+10, CS97, DZ98, DvdHdL06, DvdHdG10, Dör05, DYC+18, ESP17, EA13, FZHH14, Sou01, FM08, FR08, FP14, FMS88, Fu91, GKI10, GRTV10, GLA88, GS13, GSP+17, GR07, GGH+06, GGSZ09, GHO+11, GWC+16, GLXF17, GGMS18, GNVT14, HCC+14, HAE+03, HAB+06, IASK14, IEG04, JLA07, JLQ+17, JL09, JWW18, KY85, KRR12, KKK07, KPM+18, KCV11, KV12, KKL06, Kd00, KES17, KLW+16, LC17, LKG07, LBY08, LWD+14, LLQS14, Li15, LFL+17, LM07, LCZ12, LAM07, LQXL10, LLJ+11, LZG12, LWX13, Lvw14, LS01, LHBC16, Lzy+16, LLAW17, MML+18, MFP05, MFI18, MSS+16, MLW+18, MYK16, NS10, Nk05, NJKF18]. networks [NSSA+14, NJKH13, NSt02, Ole07, Pan95b, PSL+04, PSJ+12, PRS+13, PC17, PMMAM13, PBC+01, PF17, Pud01, RRH14, RM97, SJ14, SGGC+16, SM01a, Sap88, SVC+07, SNW01, SCY+18, SCB04, SCS+18, SLS10, STC15, SPEW09, SDD+09, SRG+03, SJTG07, SK05, TY11, VCD+18, VLS09, WC01, WL10, WN10, WWD+14, WDJC18, WdL16, WLQ10, XLL+14, XZ14b, XD17, YPLZ17, YCX05, ZF16, ZLD+03, ZLL17a, ZZH+18, ZWS+12, ZBL+14, ZCC14, ZZZ18, vOD+05, vdHDT+06, BMK+14a, WL00, ZHL+18]. Networks-Generated [ZHL+18]. Neu Man [HG92, KDE04]. Neural [Sou91, Fu91, GKI10, GKT15, AFO+18, Ami90, Ban02b, Che18, Coo90, CS97, Del06, Fio06, HZL18, JL98, KKP+05, KS18b, LNN04, Pud01, RS08, RM97, TBB13, VSV95, dLB10]. Neurocomputing [Mat88]. neurofuzzy [HAA05]. Neurons [Mat88]. neuroscience [FBBW99]. new-generation [ZGC10]. news [LRL+14, XWL+15]. Newton [BMZ01, Jun18]. Next [BDF+99, VB18, BDP11a, GLM+12, HJK+04, KZBK99, MWC+03, P000]. next-generation [P000]. Nexus [CLM+16]. NGSSC [HY03]. NIC [HAC92]. Nimrod [ABG02]. Nimrod-G [ABG02]. Ninfs [NSS99, STH+98]. nippon [Kom98a]. NJ [vdR87h]. NN [STA17a]. nodal [Bou95, Bou95]. node [HHZ16, LC17, LWD+14, LJJ18, LG08]. nodes [AMH04, AEGF+01, GZW18, KS11, RB13, Re06, ZZC14]. noise [MFT+17]. noisy [MFT+17]. nomadic [EA13]. Non [ID98, YC13, AF0+18, BMS05, BBB16, BCh+08, CZT+15, CW16, DCL00, FD004, GHY18, JLU03, KKL09b, LOK09, MKH06, NP03, Th06, TBD+02, WXX+17, WCH10, YAO14]. non-blocking [BCh+08]. non-cloud [CW16]. Non-cooperative [YC13]. non-dedicated [BBB16, NP03]. non-deterministic
non-functional [YAO14].
non-increasing [WWX+17].
non-interactive [KKL09b].
non-linear [CZT+15, FP809].
Non-overlapping [ID98].
non-patchable [GHYK18].
non-personal [JLU03].
non-product [Tho06].
non-redundant [TBD+02].
non-reserved [WCHL10].
non-shockable [AFO].
non-stationary [CZT+15].
non-trusted [DCL00].
norm-based [BMS05, LOK09].
Nonlinear [CPK05, BMZ01, BV04, CFVP03, NB04, OS06, R6865, WVC05].
nonlogical [CY88].
nonpolar [SB89].
nonrepudiable [TYP16].
nonuniform [KT17].
NOOS [AP96].
Norm [SZR18, DL03].
Norm-based [SRZ18].
Normal [KCK04, WLZ+14].
Normalized [LS05].
normative [BDP11a].
North [vdR87c, vdr87e].
North-Holland [vdR87c, vdr87e].
NoSQL [BG14, Cha15].
FSM+18a, GAYTC18, LQZ+16. notation [AO06]. note [Ano06, RTHB17, TKR+15].
notebook [MCSS00, ZDL+13]. nothing [KMB16].
notification [QP08].
Novel [FGM11, VR05, WBT05, ATX13, CPDJ13, CGCB+12, CZ12, CGM+18, DdM10, HHSW92, HWX18, HZH16, JLY+18, KH2W18, LL+18, LLY12, LHI13b, LJJ+11, LSL18, LH18, Mam09, NPP12, NZL+15, PBC99, SGJ18, SYW17, TMS+17, UPP17, WLLF16, WXZL11, YAO14, YK17, ZAA+14, ZA13, ZY18, ZCQ+16]. NOVI [vdHSL+15]. NP [BP13]. NP-complete [BP13].
NTTs [KY85].
NUCA [BFP18].
NUCA-based [BFP18]. nuclear [Poh87].
NUMA [LYJ17]. Loader [Ano86i, vdr86b, GZO4, PSS+18, Tab06, Tan02b].
numbers [TSZP99]. numeric [Ref87].
Numerical [BN06, DLP06, IOO04, Kni89, PP06, CCY+18, DHD89, DP03a, DMW04, FB93, KM10, LR01, NB04, NHT06, Rum99, SS03, VWC04, ZRZL18, ZXL14]. numerically [Var03]. numerics [TBK06].
Nursing [KZBK99].
nutrition [CAS+18].
NVM [CSJ+17].
NW [GAB+96].
NWF [LS05].
NWF-net [LS05].
Nyström [CP06].
O [Aba06a, BFK02, CSL18, DLZ+14, DLXR14, DYL+16, FC09, Geo02, HMC06, LLM+12b, OK02, SM96, TDFZ18, ZXL14].
O-FCN [FC09].
O-intensive [CkLC06].
Oak [SVN+10a].
Oasis [XFL16].
Obituary [Kas86].
Object [AMBB18, CHHW91, GSM+17, KST92, SH06, ADM06, ATS14, AP06, BVG97, BHK90, DC00, Gh85b, HHS98, JBA94, LL03, NSI02, PSL18, RACA18, SLK17, Sun10, XFL16, YAR18, ZJWZ04, Kob92, Sun10]. object-based [ADM06]. object-centered [AP96].
Object-Oriented [AMBB18, CHHW91, KST92, BVG97, BHK90, LL03, PSL18, Sun10, Kob92].
objective [DNP14, GOBL16, GPM16, LP+16, STMV18, WWC14, ZCL+14, ZLI+16].
Objects [SAGGB17, DL00, EGAQ09, HC17, MS01, SD02, TCT+14, XSM04, ZZN04, WAE06].
oblivious [KKL09b, ZWL+16]. observable [Ven08]. observation [PD11, RVST17].
observatory [Fin99, SB99].
Observer [KS17a]. observing [WS05].
Obstacles [KT17].
occur [PAB+14].
ocean [CS93, IJL03].
oceanographic [CGL+10].
October [Zna94].
octree [Boa04].
octree-based [Boa04].
ODE [PH94].
ODEs [EL03].
Odyssée [Fau05].
OFDMA [ZN12].
off [DDGH+17, GBS10, PMBS14, SMM+14, Geo02].
Off-Processor [Geo02].
off-the-shelf [SMM+14]. offering [CMB17].
office [BdM11].
offline [SHLJ13].
Offloading
[WLZ+16, KGLY18, LPL+16, SGN+17].
offs [DMM14, KNK+08].
offset [KK10b].
OGSA [LKA+08, LMH+09, SPS+07, SB05].
OGSA-based [LKA+08]. Oh [NMC05]. oil [FCD+14]. OLAP [EDD+10]. old [Go00].
older [CAS+18]. OLT [KMB16]. OMAS [Bar11]. OMIS [WDD00]. omnipotence
[MBV+15]. omnipresence [MBV+15]. omniscience [MBV+15]. OMS-WPD [WLZ+15].

On-line [BMR15, BW95, EV98, LVH08, Tj18, Ueh89].

On-siteDriverID [SGGCR]. one-dimensional [EFDO0].

Online [HHW11, KOP+17, VVB13a, CSL17, DHW+17, GWG+16, GGC18, JW14, Jun18, KV08, LRL+14, LPY+18, LBU+10, MML+18, NJ17, PBP17, PN09, SC16, SYW17, WXYL15, WHW16, WXZ+18, XWL+15, ZLL17a]. only [DDS6].

onto [AEFG+01, Van92]. Ontological
[SCN+14, OCW14]. Ontologies
[CBS17, CMG+07, KGDL11, TDF07].

Ontology [BNJ16, GMP+16, SYT09, TOD17, TF17, AC16, Bae14, CFL+15, JC09, KSM+07a, KSM+07b, LKN+13, RGVGGSSZ14, SBLW14, SMZ+16, SSZ+17, TJSW10, TDL+18, TNY17, WMBV17].

Ontology-based [SYT09, TOD17, Bae14, JC09, SBLW14, TJSW10, TDL+18].

ontology-centric [LKN+13].

Ontology-driven [GMP+16]. OntoZilla [JC09].

Open [BJWZ08, CAS+16, QC18, AJZ+02, CASW05, CCM+14, DPP03, HKP10, KS11, KTKT17, MG11, SJV+15, SGM11, SP93, SYK+17, TCB+17, CWD+08, GM11, Mli11, MCF+11, SB11]. Opening [HICÁFM+06]. OpenMOLE [RLRC13].

OpenMP [NHT06]. OpenNebula [KMT14]. OpenRTE [CWD+08].

OpenStack [CFF14]. operating
[AHdJF97, BL98, BBI13, DDMMP17, Gos00, MGLV04, RG04, WB90, BG87]. operation
[ALL+18, CYB90, MHA09, ONHT89, Sun10, Tak89b, WC14, YWA+89]. operational

[CPB00, FCW01, HJP92, RB12].

Operations [WMN+01, DL04, Kat04, Lanz92, LY09b, MB10, NSI02, TMZ15, ZCC18, dLLA93, vWMB14]. operative
[Ano84i]. operator [Kos00]. operators
[ECFP17b, NHT06, TSOB15]. OPIOM [Geo02]. OPM [FKOC11, LLCF11].

OPM-compliant [LLCF11].

 Opportunistic [ZHL+18, PJD013].

Opportunities [AR17, Jun17, ALK15, CLCY18, CBBC+17, CDFW18, GS16a, GRL11, GFD14, JC15, MWW+15, QCD16].

Opportunity [BS91a, BS92]. OPT
[FCW01, VAS95].

Optical
[DFSZ88, WSTW87, Yat88, CASW05, CGJ+10, DvdH06, GHO+11, HRJ+06, KK10b, LKTC14, McM+03, Mam09, Pa06, Pxl09, RvdSB+03, SVC+07, YGYW16, dLRW03, vOHD+05, vdR87e].

Optimal
[AOI10, DLW07, DEG+17, GC94, KLM+03, LXD17, LJW08, RSRV88, BG05, FTK+14, GS05, Len16, LSMV12, SMS13, TKT+08, ZLTY10, ZWL13, ZaTZ+17]. OPTIMIS
[Ano12r]. Optimisation
[AKP04, AR10, DH99, PDT+18, SO98, WHW17, VVB15]. optimise [RS98]. optimised [BBC+99].

Optimising [KACN16].

Optimistic
[LM11, YCAS03, WWW+16].

Optimization
[BCC03, SSG17, ZCS+16, ACM05, ANA16, AT18, BMRW01, BMU16, BBL+05, CPGBT16, CHC+17, ECA+18, FM01, GSLI12, GGA+17, GZZ+18, HAP15, HZP+14, HZ18, HLZ18, HKP10, ISS+15, KK81b, Leo01, LK08, LAH10, LLW+12b, MVRM08, PPFR16, PKK+05, RDT+14, Sch03, SKJ01, SCY+18, SGN+17, TSK03, TV16, VR12, WVC05, WWX+17, WC+17b, WZ13, XDH12, YKK13, ZRL18, ZN12, ZZJ17, ZYW+18, ZLG+14, ZLL+16, ZHHQ18, ZXL14, dNE05, MWA10, PW09, PT16].

optimization-based [HAP15].

optimizations [CC00, DSS98, SBA+03].

optimize [CdSDS15, WCC+06b].

Optimized
[CAB+18, FDP17, GMZ17, TKA18,
AKCY\textsuperscript{+17}, AAD\textsuperscript{+13}, BFLL99, BKKM11, GS16b, JNR01, LXL\textsuperscript{+17}, LLF\textsuperscript{+18b}, LJY10, SA07, TMMVL12, VS90]. \textbf{optimizer} [FN00, LK08]. \textbf{Optimizing} [BCFS02, BKSS02, dCCDF\textsubscript{D}015, HWZL08, MSS02, OF07, OSC14, WYBS11, WLQ10, vWMBS14, FEPC18, GMEL08, HSC15, MF18, VSDD13, WBJM14]. \textbf{optimum} [Dal06, AFPG91, AFP\textsuperscript{+92}]. \textbf{OPTIMUM-AIV} [AFPG91, AFP\textsuperscript{+92}]. \textbf{OptIPlanet} [SGP\textsuperscript{+09}, SBdL09]. \textbf{OptIPortal} [DLR\textsuperscript{+09}, DDS\textsuperscript{+09}]. \textbf{OptIPuter} [DLR\textsuperscript{+09}, Mam09, SBdL09, SW06, TWC\textsuperscript{+06}]. \textbf{OpusJava} [Lau01]. \textbf{OR-forest-based} [CY90]. \textbf{OR-parallelism} [Zha93]. \textbf{Oracle} [CW93]. \textbf{oracles} [MMR02]. \textbf{orbitals} [REM04]. \textbf{Orchestration} [MT17, JTS13]. \textbf{Order} [Pan95a, AAC04, BFR05, BFC02, Bou95, Che14, Dal06, DJP\textsubscript{M}18, JNR01, TJ18]. \textbf{ordered} [Bag11, GY90, Qu04, SAKOK03]. \textbf{Ordering} [HMH17, BBI13, Kos00, ZWJ04]. \textbf{OREA} [TKA18]. \textbf{organisation} [EGAQ09, Gra92]. \textbf{Organism} [ANA16, Low01]. \textbf{organisms} [EA17]. \textbf{Organization} [MG10, HG92, SYT09, ZZH\textsuperscript{+18}]. \textbf{Organizational} [HKG\textsuperscript{+16}, KSM\textsuperscript{+07a}, KSM\textsuperscript{+07b}, RSV90]. \textbf{Organizational-based} [HKG\textsuperscript{+16}]. \textbf{organizations} [Li10, RJH\textsuperscript{+09}, SMSF18, VWD\textsuperscript{+08}]. \textbf{organizing} [DD05, FS07, FSM88, MP\textsuperscript{+16}, dRR\textsuperscript{+18}, dRRdQGR\textsuperscript{+18}, VRGR16, XXL\textsuperscript{+15}]. \textbf{oriented} [ZDL\textsuperscript{+13}]. \textbf{Oriented} [BZS18, CHHW91, GLXF17, SCL18, VDTK12, AMBB18, AWN\textsuperscript{+13}, AB18a, AQB15, BvdV99, BdCyG05, BGV97, BH91, BHH92, BHK90, CPDJ13, CLL\textsuperscript{+14}, CGST09, DVD12, DM12, DC00, EAED18, FLR\textsuperscript{+16}, FJ00, FKT14, GVURIVBV14, GA13, Gil85b, HWW04, Hua05, JBA94, JKLK17, KST92, Kob92, KK16, LL03, LSW\textsuperscript{+04}, LX13, MLSF16, MHA08, NK15, OPT09, OE13, PSLZ18, PA18, SBLW14, SZD\textsuperscript{+17}, SAC11, Tak05, TAKV12, TBK06, VSM02, VDK12, WDJC18, WYN\textsuperscript{+90}, XLW\textsuperscript{+17}, XDHL12, YNSM12, YZW14, GMEL08, Sun10]. \textbf{Origin} [LHB95]. \textbf{Origin-based} [LHB95]. \textbf{orthogonal} [Fio06, PP06]. \textbf{Orthonormal} [DV03]. \textbf{OSCAR} [LSLS05], \textbf{oscillatory} [DR03]. \textbf{OSG} [VHML10]. \textbf{OSI} [Kob92]. \textbf{OSINT} [QC18]. \textbf{OSLN} [Sun10]. \textbf{outlier} [DJPM18]. \textbf{Output} [JGLK17]. \textbf{Output-oriented} [JGLK17]. \textbf{Outputs} [SK97, CCLR18]. \textbf{outsourced} [FS18, LYZC15, DLM\textsubscript{S}15, WWR\textsubscript{S}16, WCL\textsuperscript{+17a}, ZSW\textsuperscript{+18}]. \textbf{outsourcing} [ED16, HC\textsuperscript{+18}, JCL\textsuperscript{+15}, ZCL\textsuperscript{+18}, dACAM13]. \textbf{over-the-air} [ZXW\textsuperscript{+18}]. \textbf{overall} [WCC\textsuperscript{+09}]. \textbf{overbooked} [LPB\textsubscript{B}18]. \textbf{Overcoming} [KC98, USK16]. \textbf{overcommitted} [CJHH13, ZHHC17]. \textbf{overhead} [DT94, MTK\textsubscript{S}00, RS\textsuperscript{17b}]. \textbf{Overlap} [LJJ18, BCFS02]. \textbf{overlapped} [MTNM\textsubscript{08}]. \textbf{overlapping} [ID98, RZDM\textsubscript{01}, SAC11]. \textbf{Overlay} [SCMS12, BTM\textsubscript{06}, CCL\textsubscript{08}, CW\textsubscript{13b}, EA13, JC08, MLBS11, Pip10, PTT12, Pip18a, RKSU08, TY11, YCX05]. \textbf{overlays} [AN08]. \textbf{overload} [LYYY18]. \textbf{overloaded} [SP\textsubscript{1}17]. \textbf{oversubscription} [MCD\textsubscript{A}16]. \textbf{Overview} [BP94, BC\textsubscript{P}18, DGST\textsubscript{09}, KY85, KE85, Lan00, M\textsubscript{iz}89a, vdR93b]. \textbf{OVN} [FB\textsubscript{C}02]. \textbf{own} [VPA\textsuperscript{+18}]. \textbf{Owner} [HLH\textsuperscript{+18}]. \textbf{ownership} [KH18, R\textsubscript{A}C\textsubscript{A}18, SK18].

\textbf{P} [Ano86i, Ano87i, Ano87b, Ano87c, Ano87l, JLL17, vdlR87e, FK11, KKS08, SdR99, SSL\textsubscript{F}10]. \textbf{P-batch} [JLL17]. \textbf{P-CAM} [SdR99]. \textbf{P-found} [SSL\textsubscript{F}10]. \textbf{P-GRADE} [FK11, KKS08]. \textbf{P2P} [AR10, BCR\textsuperscript{+12}, CsZW14, CW\textsubscript{13b}, DMZ\textsubscript{09}, FM08, FR08, G\textsubscript{D}\textsubscript{J}\textsuperscript{+13}, GPK05, GNWT05].
HCC\textsuperscript{+14}, HDLW\textsubscript{13}, IT05, LS10, LJY12, LLZ07, LQLX10, MM08, OPO13, OCCK14, PRS\textsuperscript{+13}, RLP12, RHMG14, SA07, SAGL10, SYL18, WN10, WW13, WM07, YCX05, YMD\textsuperscript{+13}, ZZL\textsuperscript{+10}. \textbf{P2P-assisted [HDLW\textsubscript{13}]. \textbf{P2P-based [GDJ\textsuperscript{+13}, SAGL10]. \textbf{P2P-content [BCR\textsuperscript{+12}]. \textbf{P2P/Grid [GDJ\textsuperscript{+13}, SAGL10]. \textbf{P2P/Grid-based [BCR\textsuperscript{+12}]. \textbf{PaaS [KKKM18, KKKM17]. \textbf{Pachycondyla [MVS00]. \textbf{package [BK L01, De 98, SLZ95, YA07]. \textbf{packet [KDHP16]. \textbf{packets [HCL\textsuperscript{+17}]. \textbf{Packing [BB17, LGMV02, SK12]. \textbf{PaCMAn [ESPP01]. \textbf{PadicoTM [DPP03]. \textbf{Page [vdR87b, BNXdS11, LXL\textsuperscript{+17}]. \textbf{PageRank [RCM17]. \textbf{pages [Ano86i, JDW\textsuperscript{+14}, Teb86, vdR86b]. \textbf{paging [BK06]. \textbf{pairing [LL16]. \textbf{pairing-free [LL16]. \textbf{pairwise [Tis07, XZ14b]. \textbf{Palmprint [BG12]. \textbf{paper [ECPF17a]. \textbf{Papers [TCG14, BGL08, CC11, CCRL18, Igl07, KZ17, LBR02, RW13]. \textbf{para [LC13]. \textbf{para-virtualized [LC13]. \textbf{paradigm [BDP\textsubscript{11b}, BRHH\textsubscript{18}, GBY16, HHSW92, HCL07, KB09a, LC14, MvdV01, PA01a, Pri95, STTK03, VR00, XLW\textsuperscript{+17}, ZAA\textsuperscript{+14}]. \textbf{Paradigms [AR07, Go00, JK92, OB17]. \textbf{Paragon [ABK94]. \textbf{Parallel [AVLR92, Aba06b, AJY15a, ABF93, AJZ\textsuperscript{+02}, AMB\textsuperscript{+92}, Ama88, Ama99, AKW90a, Ano90g, AR98, BCL88, BMP01, BVP\textsuperscript{+87}, BJN05, BHH\textsuperscript{+93}, BHK90, BLB03, BTM10, CDG\textsuperscript{+14}, CN92, CHHW91, CSP98, DDO\textsuperscript{+92}, DFSZ88, EDD\textsuperscript{+10}, EFD00, ES94, GL05, GS12, GCK98, IMSV90, IST04, JS89, KKI14, KGX95, KU01, LOJ\textsuperscript{+07}, LDSH95, Luk00, Mal94, Mal01, Mal02, Mal05, MPG96, OSH06, PPJ95, dRRdQGR\textsuperscript{+18}, RZDM01, Sdr99, SBS98, SG95, SM96, TCG14, TKRA14, TDB\textsuperscript{+02}, Uch87, VS\textsuperscript{+D95}, Vre88, WGL92, ZHHQ18, ZEO01, dSL89, Aba06a, AEGF\textsuperscript{+01}, AT01, ADT03, AKW90b, AS14, Bal92, BBH18, BBC\textsuperscript{+99}, BC17, BK97, BPS06, BG05, BJ\textsuperscript{+06}, BGC\textsuperscript{+03}, BKB18a, BGMLS17, BFC02, BL92, Bout95, BSG\textsuperscript{+05}, BCW01, BCM\textsuperscript{+95}, CLP95, CGCB\textsuperscript{+12}, CPGdS\textsuperscript{+13}, CST91, CST92, CTF\textsuperscript{+99}, CRVZ15, CBK\textsuperscript{+01}, Cas94]. \textbf{parallel [CHSA18, CG02, CKF06, CEGL01, CGL08, CCL11, CXL\textsuperscript{+17}, CY90, CC98, CS96, CTM006, CCHW03, dCCDFdO15, CFG93, CSP13, DST14, DZJ\textsuperscript{+00}, DRS\textsuperscript{+97}, DLV86, DOV01, Dup90, EGCh\textsuperscript{+06}, EL98, ESP01, FSP02, FGM11, FD95, FN00, FM10b, GVD16, GNOY01, GCCC\textsuperscript{+07}, GBS10, GJS\textsuperscript{+94}, Ger02, GGLD10, GWZ94, GDPM98, Gil94, GZGW13, GC94, HH98, HHSW92, HHS98, HRSW99, HAC92, HHG05, Her91, HKT94, HLS006, Hof03, HXL90, HSS00, HHZ16, Hum92, HLZ18, HMC06, ID98, ISS\textsuperscript{+15}, JP17, JL95, JSK\textsuperscript{+06}, JBA94, JL03, JLY\textsuperscript{+18}, JM01, JEB18, JLMR00, KDFL99, KK00, KP00, Kac00, KA09, KZL06, KS92, KMK09, Kos00, Kos95, KM01, KT03, KB92, KL02, LC04, LP01, LR01, LR04, LS11, LN94, LRC94, LSS94, MD92a, MvdV01, MP02, MRV92, McC96, MF18, MLZ\textsuperscript{+00}. \textbf{parallel [MK95, NFK10, NQOL13, Odo\textsuperscript{+13}, OVDV98, Oku92, OK02, Omo91, OP95, OP97, Pad92, Par06, PCG\textsuperscript{+06}, PF01, PBHK01, Pri95, PRN14, QPTGG\textsuperscript{+12}, RBS93, RBC\textsuperscript{+88}, RN01, dRR\textsuperscript{+18}, RICW00, RS98, RCD03, SKT\textsuperscript{+08}, SPE\textsuperscript{+07}, Sap88, SKF95, STP\textsuperscript{+05}, SGFS01, Sch03, SHN10, SBH08, SM01, Ser98, SD02, Shi92, SLC\textsuperscript{+17}, Sin92, SSC04, ST98, ST99, SVN01b, THKG98, Tan02b, TTC\textsuperscript{+14}, TMT\textsuperscript{+07}, Tic93, TV08, Tis07, TSZP99, UMO2, VAS95, VP94, Vre89, VF01, VFS01, VSV95, WKZ\textsuperscript{+03}, WKC\textsuperscript{+13}, WHW16, WJ\textsuperscript{+17}, WAE06, WHYZ17, XHY\textsuperscript{+90}, YCAS03, YdOLS\textsuperscript{+05}, ZT90, ZT91, ZGCM00, ZEO98, ZX14, dKDOS03, dLB10, dOO\textsuperscript{+13}, dT92, mM95, vKvWD\textsuperscript{+13}, vdV89a, vdV89b, BG87, Her87, NCCS99, NS17b, TRFR01, VD16, vdR86b]. \textbf{Parallel-Operating [BG87]. parallel/}
distributed [CBK01], parallelisation [IJLC03], parallelise [IJLC03, SLZ95].
Parallelising [Kea93]. Parallelism [Par90, Bal91a, CDG+14, Gos00, Hey90, Job89, Kos95, MBFC99, WC14, WRBG94, Zha93, ZS90]. parallelizable [Tor13].
Parallelization [BST+04, BPC+01, BVDF00, LPB04, WYJ99, BCMR01, FaH98, KC98, vM94].
Parallelizing [GWC95].
Parameterisation [GVD+03], parameters [HLZ18, PBT02, SWW+13]. PARDIS [Kea99]. PARDISO [SGFS01, SG04].
Pareto [TZST14, WWX+17]. Paris [Ano84k], Parkinson [AAS17]. PARLIB [CGSZ95]. PARLOG [Bal91a, DT93].
ParSA [SZX+15], parsing [BM00]. Parsytec [Cro95, vOB95].
Partial [WWT+16, PBC+16, PBC+17, TBD+02, Xia06]. partial-load [PBC+16, PBC+17]. partially [Ven08].
partially-observable [Ven08]. participant [MLW+18]. participating [TDC+14].
participation [CAB+18, EKG14]. participatory [LLG18]. Particle [KG01, Sin92, WCL+17b, Abb+03, BVDF00, CM99, Len01, LAH10, Low01, MKH06, SWL01].
Partitioning [ATF11, kHsZwJW18, SW05, SLG+17, BW07, GODM98, HZC+08, LXD17, VSDD13, WC01]. partitions [SAC11]. Partridge [Ano87b]. party [CLM00, Pol98]. pass [LY18]. passage [BDHK06]. Passing [DKD08, Ber98, BFR99, Ciu10a, Gor02, Kae00, Kal94, LDSH95].
passive [CszW14, D05]. passport [GWO03]. password [ZXWA18]. Past [AGM17, Fer84]. PAT [WHS+18].
patchable [GHY18]. Path [AHEM17, ADOK06, Che13a, DvdHdLO9, GdLOvT03, KDE04, KN10, Luk89, Mar02, NJHT11, DLS14, SJR13, THN+06, WWT+16, Xia06]. path-based [ADOK06].
path-planning [Mar02]. paths [Alb04, CFG+05, WW11, vOHD+05]. patience [DACNC16]. patient [AIB+18, CTT+08a, RRS10]. patients [VFHB14]. Pattern [JHC18, CD99, DDL01, KZCW13, LY18, MP02, Pet95, PSS+18, THA+17, TNY17, TSOB15, WKT00, YL16].
Patterns [AM17, AVP17, ABG17, BP02, CDG+14, KL02, LY17, LC15, MRL14, PSK+10].
Payload [VOV17]. payment [CLM+14a, Pol99, SYW17]. payments [HCW+18]. PC [MTKS00, MLS01].
PC-clusters [MLSO01]. PCP [WWT+16]. PCP-B [WWT+16]. PCRLB [LWX13].
PCRLB-based [LWX13]. PCs [BL02].
PDDRA [SR12]. PDE [BRMN04, BEWZ10, NHT06, Par06, TBK06].
PDE-based [BRMN04]. PDEs [MR04b, MR03a]. PDG [CLP95]. peak [NJKF18]. pearls [BBH18]. pedestrian [KV+18]. peer [ADK+09, BS09, CCT13, ÇO13, FLPO05, HWZL08, JC09, KKKL06, KIC12, Li15, LAM07, MTT05, MCT+09, MROD10, PGSM05, PSJ+12, PGMAM13, PRR12, PIP18a, PPLL17, SM10, SLZ+09, WLP10, WLQ10, ZQZZ09, ZA13, BNFZ08, CTT+08a, CdCD07, FX10, HIJC10, TPBS14, TTP+07, WKT07]. peer-to-peer [ADK+09, BS09, CCT13, ÇO13, FLPO05, JC09, KKKL06, KIC12, Li15, LAM07, MTT05, MCT+09, MROD10, PGSM05, PGMAM13, PRR12, PIP18a, PPLL17, SM10, SLZ+09, WLP10, ZQZZ09, ZA13, BNFZ08, CTT+08a, CdCD07, FX10, HIJC10, TPBS14, TTP+07, WKT07].
Pegasus [DVJ+15]. PEI [VP94]. penalty [GZZ+18]. 512 [Cro95]. 6000 [BBSV92].
860 [FGH95a, FGH95b]. 91 [Ano91a]. 92.
datacenter [LKTC14]. disabled [HFT16]. distributed [CBK+01, hKcF09]. Express [WKF03]. FVM [LF95b]. Gather [FD12].
GPU [CDG+14]. Grid [BGJ+06].
server [PA01b]. service [MV09]. subscribe [AMPZ16]. MIWQ+14, OKF10. XWJ+16.
TLS [DC17]. von [HG92]. WAN [TDG+06]. people [GMLGB+17, GGMS18, RMSPP17].
Poisoned water [WN10]. polarizabilities [Tor04]. pole [Var03]. policies [BFP18, DZ04, DT16, Lea13, LHM14, LHC03, MG14, MVC+13, PZA18, SMF18].

Policy [Baa87, NCS12, Rao17, ABA09, BBI13, DLI+17, FS18, HY00, Hua10, JFZL17, JSMG18, LL04c, LJY10, VVC+03, YBQ07, LAL+15, LHL15]. policy-based [VVC+03]. polling [AAC04]. polygons [LD04]. polymer [JLMR00]. polymorphic [AMM16]. Polynomials [ZF16].

polyradicals [She+04]. polysonmographies [KCH+13]. POMPC [Por95]. POOSS [CHHW91]. POP [NK07]. POP-C [NK07]. POPE [BG87]. popularity [ZL17a].

population [Gue01, KK11]. pornographic [LYXT14]. porosimetry [HRJ+04]. porous [RS99]. port [CCW03, ESP17]. portability [CN92, HA18, McC96, Reu03b]. portable [BCM+95, GD93b, PMP13].

port [FFPS10, GL04a, KKS08, LW08, RMA+16, YLC+06, BAD+05, FK11, FNA12].


Position [YXA+18, BSE+13, ZF16].

position-based [ZF16]. positioning [LWW+16]. positive [Amo06]. positives [LY17].

possession [Che13b, SY+17, YZ+15]. post [BDMO11]. post-production [BDMO11].


Power [ADA12, AAM+16, CLL+18a, JLLC12, KESL17, KAEC+18, LLC14a, MP17, PZA18, Par90, TKA18, BBC+12, CN92, CRB+16, DHC+17, GRTV10, GvdBD15, GFW+18, JOPW14, JNR12, JKLK17, LC01, NSSA+14, Shi04, UWV92, VGC+13, WOPW13, YZLQ14, YLHJ14, Zad87]. Power-Aware [TKA18, ADA12, LLC14a, JNR12].

power-awareness [GRTV10].

Power-efficient [AAM+16, JLLC12].

Power-performance [KAEC+18].

powered [PSW+14]. Powerful [CCL08, BSE+13, Pu87]. pp [Zen86, vdR87b, vdR87a, vdR87d, vdR87f, vdr87i, vdR87j, vdr87c, vdr87g, vdr87h].

pp. [vdR87e, vdr87k]. PPDP [ZZXL18].

PPFSCADA [FTA+14]. PPQ [MTD18].

Practical [CÖ13, KGT15, SM86]. WOPW13, vdV89b, AbdiLL05, BvdBM+93, BORM07, BAC02, BLB03, Din99, HCL+17, MdO0+17, MLZ+00, QMSG12]. Practice [CDFZ16, XDWL15, BGR+99, DSSU97, Ger02, PMPC13, PT05, WGM15].

practices [BHD09, TIHT14].

Prandtl [Tab06].

pre [HCL07, HML07, SR12, ZCQ+16].

pre-cache [ZCQ+16]. pre-fetching [SR12].

pre-scheduling [HCL07]. pre-WS [HML07].

precedence [TL+11]. precise [GON17, WHP+18].

precoding [ZWL13].

precompiler [BEZ01]. precompilation [LJW08].

preconditioned [VFS01].

preconditioner [VF01].

preconditioners [ID98].

preconditioning [BTM10, KZC04, WKZ+03].

preconditionings [MvdV01, Mm95].

predicate [FH13, HFT16, Qu04].

predicate-ordered [Qu04].

Predict [ZSI08, ABG17, CLP+14, PGPW09, ZLTY10].

Predictability [Mid01, BVFGW15, Mcc96].

predictable [LYQ06, MWPVB12].

Predicting [SPS17, WQ15].

Prediction [PN09, ACM10, BMR15, BBMG10, BBG+03, BK06, CHW13, CGV10, CSW06, CSL17, CGM+18, DMZ12, DdM10, DLS+12, GAW+18, GSP+17, GP11, HSY+17, IKLL12, JSK+06, JHC18, JLY+18, Jun18, KKS+16, KS18b, MZH+17, MID16,
MCT+15, MPF+16, PNGFJ13, PKC04, PTD+18, RGAT18, RLP12, SMRM13, SL11, TMT+07, VS04, VSV95, WHW17, WYH+17, ZZXL18, XZL14, VBV15, FGG13.

Prediction-based [PN09]. predictions [CRTN17, ET08, NF13, ZSI08]. Predictive [BMP+16, FHM+99]. preemptive [XHY+90]. Preface [ARB12, Fis00, Her90, KJ12, LH13a, LSHW17, Miz89b, Par91, Rus90a, Ste14, Slo05a, XKC13]. Preference [ZZC14, MTD18]. Preference-based [ZZC14]. preferences [BCF16, LLGY18, OAMS18]. prefetching [CY01, PKC04]. Preliminary [LF95a, KSY92, TC92]. premiere [MBC+11]. Prentice [vdR87h]. Prentice-Hall [vdR87h]. preparation [dLLA93]. preprocessing [CGM+01, RHK15]. Preprocessor [VVO17]. prescribed [CDS03]. presence [KDHP16, MFT+17, RBLvM14]. Present [Abe92, AGMT17, Fer84, Bis94]. presentation [Zna94]. preservation [BKM03, HBH09]. preserved [CRYG18]. Preserving [TSOB15, YDNV16, ALL+18, CZ12, DHW+17, EL03, FTA+14, FH13, JMOPPC+18, JYY+17, JLC18, KH18, LLC+14b, LCL+16, LHH+17, LY+18, LXMW15, LLM+16, LDY+18, LNY+18, LLAW17, MML+18, NK17, RBA17, SYY+17, SLW11, SLL+17, TAS+18, UM02, VCD+18, YLN15, YCXW18, ZYK17, ZZXL18, ZRR+14]. Press [Teb86, Zad87, vdR87f, vdR87g]. pressure [DMN+05]. prevent [LTN10]. prevention [KIAD17]. preventive [PPMM+18]. PREVISE [dLLA93]. Price [An08a, An08b, An08c, An08d, CLR18, GGLW18, JTB13, JHC18, vdR87b, vdR87a, vdR87d, vdR87f, vdR87t, vdR87g]. pricing [DVB14, DEG+17, JBR+16, RA12, SBV07, Ven08, YVCB10, GVA+16]. primitives [BH13, BDFP05]. Principles [DHS00a, VRGR16,DK00, Gil94, GS15, PO00, Pap05, WRBG94]. print [KLH+04]. printed [YCYJ18]. priori [GL04a]. priorities [GS13]. prioritization [FD95, SRN+18]. Prioritized [WBT+08]. priority [CBCA15, VAdlP12]. Privacy [AWYJ16, ALL+18, CRYG18, FTA+14, JYY+17, KH18, LLC+14b, LYY+18, LLGY18, LLAW17, NK17, Opp90, PMBS14, TAS+18, XDWL15, YDNV16, ZYK17, ZWS+12, ACL+18, AM10, CD16, FH13, HHK+16, JCMPPC+18, JLC18, LCL+16, LHH+17, LY18, LXMW15, LLM+16, LSHW17, LDY+18, LNY+18, LRBW17, MML+18, NWMG17, PARMF14, RHH+16, RBA17, SYY+17, SCL14, SCZ+14, SLW11, SCH+17, SLL+17, VCD+18, YLN15, YXA+18, YCXW18, YK017, ZZXL18, ZRR+14]. privacy-aware [SCH+17]. Privacy-based [LLGY18]. Privacy-preserved [CRYG18]. Privacy-Preserving [YDNV16, ALL+18, KH18, LLC+14b, LLAW17, TAS+18, ZYK17, JLC18, LCL+16, LHH+17, LXMW15, LLM+16, LDY+18, LNY+18, MML+18, SYY+17, YCXW18, ZZXL18]. privacy-protecting [CD16]. Privacy/ performance [PMBS14]. Private [RBLvM14, CCL+14, FDPR17, GSL12, KTY03, KKL11, Ngs86a, PMBS14, SGKC10]. privatized [SB17]. privilege [CO03]. PRNU [VOCHC17]. PRNU-based [VOCHC17]. Proactive [GHYK18, QGT+18, KAW12]. Probabilistic [MK95, RT16, AC92, Bag16, Ban05, EMM12, SB18]. probabilities [DK14]. Probability [HLC16, LYYV18]. Probability-based [HLC16]. Problem [Jon00, Pad92, YPF05, BZMY10, BJA+05, BP13, BHRT98, CSC+05, CGH04, CD99, CRM05, Del06, DV13, DOV01, EPJ+05, GMM18, HXWW18, KKS08, KPS18, Kos00, MC00, NMC05, OVDV98, Prz03, SJR13, SMK05, SK18, SV15, TRFR01, TV16, Tre03, VDPHS09, WH05, WLH16.
WAE06, ZS05b, ZAP05, tTvH96, vdV89a, SMI01, VAS95. **Problem-Solving** [YPF05, Pad92, CRM05, WH05]. **Problems** [Nit86, SSG17, Van87a, BCMM01, BS04, BV04, CMT16, CTMO06, Dat03, DHD89, DR03, ED04, FFP810, Hu89, JNR01, MR04a, MKK03, NB04, Ned06, PKC+05, RGH+01, SKT+08, Sch03, SJV12, Tab06, THK+98, VFS01, WWX+17, XA10, ZRZL18, ZTKF17, ZEO98, ZEO01].

**procedural** [BMFC07]. **procedure** [FCW01, LYS12]. **procedures** [RB12, dLLA93]. **Proceedings** [Rho89]. **Process** [SJV+15, BBL+05, CLP95, CRVZ15, CAS+18, Cur92, DVV90, DLZ+14, FJ00, HAAH05, LWS+12, LH+18, MKM11, Nw89, PTD+18, dRRDQGR+18, SGGY+07, TO14, WZ16, ZM+J06]. **process-based** [LHW+18]. **process-level** [CLP95]. **processed** [D + 88]. **processes** [Bag16, BMP01, BKB18a, BDNN02, CM01, CHSA18, EL98, Gue01, HW95, Mis92, MAB+15, SKT02, WMLS14]. **Processing** [FMD99, HCB16, LJ17a, MLBS11, An086j, BKB11, CMX+16, CN92, Chv87, CEJK94, CGM+18, CBBdL16, DMR93, DF+97, EFD00, GP09, Her87, Hsu14, KKI14, Kob92, KVHT10, KE85, LGH97, LKM14, LGW+17, LH07, LK08, LH+18, LM90a, MTD18, NMZC06, ONHT89, PK99, PKY+17, Re87, Sap88, SL87, SCT15, Sc14, SSL13, SD03, SRN+18, Tie93, WWCN13, WMY+18, WdL16, XB14, YFY+13, ZFS+18, ZEO98, vdR86b, ZSP17]. **Processor** [VW92, XHY+90, AG92, Dui89, GS15, Goo01, Goo02, JCSS01, LC03, LM+99, MW12, Ser98, DFSZ88, Geo02]. **processors** [ASW11, ADH+16, BVFGW15, BFR05, DR05, FD95, GVA+16, KR14, LG16b, PAB+14, SD06, SCK+00, WSH+16, WLRL18]. **ProCoS** [BHH91, BHH92]. **Procrustes** [Tre03]. **procurement** [VVB15]. **Producing** [Wei11]. **product** [HBCR01, Tho06]. **production** [BDMO11, GSV+10, GML99, KH98, LLC+16, MSS+13, RVW+13]. **productivity** [LJ07]. **products** [BAB13, GLLW18, Pin87, VK17]. **professionalized** [ZCH+17]. **ProFID** [ÇÖ13]. **Profile** [VTTK17, CLM+16, FC05, LLAW17, SL11, ZL04a]. **Profile-based** [VTTK17, ZL04a]. **profile-driven** [FC05]. **profile-matching** [LLAW17]. **profiles** [PARMF14]. **profiling** [JCD+13, PFS+13, SL11, YZL14]. **Profit** [AB17, AB18b, CBLS13, GBF+12]. **Profit-aware** [AB17, AB18b]. **profit-driven** [GBF+12]. **Program** [BS96, BP94, ASV+13, An086m, Baa87, Bui03, CC00, Fah98, FHK95b, HJ+03, KDFL99, Kom89b, KV03, LCH+11, Lee98, Li90, LDSH95, MWYC12, MRV92, RS94, SR03, Ser98, SLO+05b, SBLT05, TBK+10, Yam92]. **Programmable** [BRH18, To99]. **Programme** [HT02]. **Programmer** [Kea99]. **Programmer-level** [Kea99]. **programmers** [Tch86, vDR75]. **Programming** [BCL88, BR92, BP94, CSP98, JBA94, KGX95, KMB+02, KB92, Lok12, LF+94, NK07, PBM95, ST99, ACGdT02, ADAAD12, ADT03, An084k, An085a, Baa91, Baa16, BMFC07, BSG+05, BLB03, CLP95, CDF+05, CPK05, DDR96, DHS00b, DLW86, GHWZ94, GDVC10, GGA+17, HLS006, IMSV90, JF05, Kom89b, LP01, Luk89, MD92a, McC96, MS01, MK95, NF13, OBIK88, Onk92, SSF95, SFR15, SHJ06, WWCC14, WM14, WDD00, WHYZ17, WB90, YL+16, ZME+15, vDR87h, vDR87j]. **Programs** [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, CABB+18, De 88, FSP02, FJ00, JCSS01, Kac00, KTV03, L10707, LRMC94, Ma94, Reu03b, RCD03, TDC+14, VP94, ZT90, ZT91, Zha93, ZS90]. **Progress** [HV84, DQ97, Hu89, MAC17]. **Progressive** [CMM98, CCLS09, V054]. **ProHPC** [BB+99]. **Project** [Zin00, Ais88, ALFR16, Coo94, FS93, FK99, Fur92, Jon00, Kas85]
Lin84, NTN86, VBP03, vdR87e, vdR93b, BVP+87, KBM+02, MFP05, Sti93.

projection [ BV04, CGN18]. Projections [HK88, KZL06]. projects [Mar86, NSF87].

Prolog [BG87, vdR87g, Dup90, AR88, CY88, CYB90, GC94, HSS00, LY90a, LY90b, Lop93, T eb86, vdR87i, vdR87y]. Promise [TS99, FS97, Fu91]. Promises [FFC+18].

Promoting [Agkz18]. proof [LNY+18, MD92b]. Propagation [CsZW14, FX10, GKIz05, GCK98, LNB14, OA17, TM05].

properties [Ban05, DA16, IS06, KJI11, LS05, NCS04]. proportional [LL04c, NP06].

proportional-share [NP06]. proportions [kHsZwJW18]. proportion [TA92].

proving [RB12, Sti93]. proving [Agn89, D impass17, Kaw92].

proving [FH92]. proving [AG95].

prove [MK04]. Provably [ODK+17, WWW16, GPA96, KLW17, TX14].

Provably [ODK+17, WWW16, GPA96, KLW17, TX14].

Proving [Agn89, D impass17, Kaw92].

Public [GB10, TSTL16]. Publications [vdR86b].

Public [GB10, TSTL16]. Publications [vdR86b].

Publish [BD+15, AMPZ16, GGC17, HMP04, MWQ+14, OKF10, WXJ+16].

publish/subscribe [AMPZ16, MWQ+14, OKF10, WXJ+16].

Published [Ano86i, Zad87, vdR86b, PFS+13].

Published [Ano86i, Zad87, vdR86b, PFS+13].

Publishing [FTA+14, PCM99, SLW11, ZWS+12].

Puerto [SR03]. PUL [BCM+95]. purchase
pyramid-based [KY04].

PYR [CDRS05].

PWLM [TMDZ15].

PY colored [KY04].

pyramid-based [KY04].

pyroclastic [CDRS05].

Python [BCG05, HLS06].

Pyxis [vKvWD+13].

Pyxis-DT [vKvWD+13].

Q [KBVH14].

Q CG-OMPI [ACH+11].

QCG-OMPI [ACH+11].

QoS [AB18b, BFS+17a, AJY12, AJY15b, ACCD17, AMT+12, AB17, BFS+17b, BCPoS3, CVKB12, CCIP18, CM17, CAC+15, CSL17, CCCT14, CRB+16, DMZ09, FD12, FMS08a, FA11b, GMMM18, GMHIX10, GJF+12, GdLvOT03, HB00, HMW14, JS12, KC14, KARP14, LD17, LCL14, LWS+12, LLW+12b, MCL+16, MZH+17, MCT+15, MKT09, MM08, Pa106, PIS+12, PNN14, QCD16, SC16, SSSK13, VAdIP12, WLZ+16, WL05, WZ13, WYH+17, XTT18, ZFW14].

QoS-aware [KC14, ACCD17, AMT+12, CCIP18, CCCT14, GMMM18, MCL+16, WLZ+16, WZ13].

QoS-based [FMS08a, FA11b, SSSK13].

QoS-driven [BFS+17a, AJY12, BFS+17b, CVKB12].

QoS-guaranteed [XTT18].

QRD-based [ZWL13].

QRD [ZWL13].

QLT [DWJM18].

quadratic [EL03, TRFR01].

quadtree [ZWL+16].

Quake [BSE+13].

Quake-Catcher [BSE+13].

Quality [AJY15b, JY15, MCR+16, Sta17b, VOS12, Che13a, DWJM18, GAFFO12, GGA+17, HJDC05, KSW+13, LWS+12, NZQ07, SMPC12, SMCM, TSZP09, Wd116, KLM+03, KTM+08].

Quanta [HAE+03].

Quantified [LG16a].

Quantifying [CN17].

quantiles [BDHK06].

quantitative [XAW+10].

quantization [LFVV05].

Quantum [H08, LPB04, LDSSH95, SBLT05].

quantum-chemical [SBLT05].

QuarkNet [BGJ+06].

QuarkNet/Grid [BGJ+06].

quasi [Szu98, BMZ01].

Quasi-Newton [BMZ01].

quasi-random [Szu98].

QUATRAIN [DMR93].

queriable [SJTN18].

queries [ATS14, ARP14, CLR16, SLG+17, SML08, YAO14].

Query [MVG18, SLZ+09, ZMP10, JLC18, LXX+14, LK08, LMY+09, MCL+16, MTD18, MW12, PdAF12, SD03, YF+13].

Query-driven [SLZ+09].

Querying [NS17a, ANS11, CGST09, L7+16, LLCF11, SB17b, ZSZ14].

questions [WBMP99].

queue [RS17a, Tho06, ZA14].

queuing [Y12].

quick [KGLY18].

quick-response [KGLY18].

quicksort [PHL98].

quo [KW92].

R [Ano86i, Ano87b, Ano87c, Ano87l, vdR86b, vdR87k, WSS+09].

R&D [Ano84i, Nag86a, Smi86].

R-based [WSS+09].

race [KPP00, PM00].

rack [LFP+17].

radar [K17a, K17b, K17c].

radiation [GZZ+18].

Radio [TKA18, BMR+14, HJP03, LBM18, SLJ+06].

radiological [BDNP92].

radiology [PK99].

radiosity [Sch98].

rail [LSZ+18].

RAISE [BHH91, BHH92].

Random [LZL+12, BYL+18, BTM06, CC98, LXD17, MLW+18, Szu98, Tan02b, TSZP99].

Range [STA17a, BS09, CLR16, LWX13, OS06, PM14, SJTN18, SHL08].

Range-based [STA17a].

range-queriable [SJTN18].

range-based [SJTN18].

Rangelands [TST16].

rank [HJC01, KRZ12, RS16, TM05].

ranked [LXK+14].

Ranking [YG18, DA16, GVB13, LWD+14, MCT+15, SKS17, WN10].

Rapid [WWC13].

RAR [HLL+11].

Rarefied [CH95].

rate [AS02, HJPS03, KHJ10, SCP09].

rather [AS02, HJPS03, KHJ10, SCP09].

rating [DV13].

rationale [dLRW03].

Raw [SLC+17, DMMP98].

ray [NMZC06].

RCT [SLH08].

rCUDA [IPG+18].

RDF [DA16, Gra15, SY04, vdHDT+06].

RDMA [vKvWD+13].
[ABF+15a, LBM18]. **RDMA-enabled**
[ABF+15a]. re
[BGP+17, CCG07, JCL+15, LL16, PFRC16, WHZL10, ZDW+16, LAL+15].
re-decomposition [WHZL10].
re-encryption
[BGP+17, LL16, ZDW+16, LAL+15].
re-optimization [PFRC16].
re-outsourcing [JCL+15]. re-structuring [CCG07]. reaction [BMP01, Ban02b].
reaction-diffusion [BMPS01].
Reactions [Men05]. reactive [LPB04]. reactivity [DRS04].
read [IDCJ11, TMDZ15].
Readers [Ano05g, Slo06a, Slo06b]. Reading [vdR87g]. ready [BFK02]. Real
[AKG+17, BKB11, DGD+16, HKU+11, KLC05, MKT09, NJ17, OKF10, SK+09, Vlk09, XY+05, BRR+04, BMP+16, CPBC16, CCT13, CFF14, DT+93, Do90, FSP02, FAMA+17, GVURIVBV14, GKW+12, HNCJ13, HMP04, JOPW14, KA09, LF01, LLWN04, LG16b, MPCA+15, OPT+17, Pal09, PKF14, PTD+18, Pf+99, PN09, SS+04, SST+06, Sin92, SK+12, Su+89, TS+17, WQG15, WH+16, WOP+13, Wu+16, YAO14, YNSM12, ZMTT16, ZCK+15, ZSP17, dITK92]. real-life [JOPW14]. Real-time
[AKG+17, BKB11, DGD+16, HKU+11, KLC05, MKT09, NJ17, OKF10, Vlk09, XY+05, BRR+04, BMP+16, DT+93, Do90, GVURIVBV14, GKW+12, HNCJ13, HMP04, LF01, LG16b, MPCA+15, OPT+17, Pal09, PKF14, PTD+18, Pf+99, PN09, SS+04, SST+06, Sin92, SK+12, TS+17, WQG15, WH+16, Wu+16, YNSM12, ZMTT16, ZCK+15, ZSP17]. real-world [FSP02]. realisation [DGS09]. realistic [CPBC16]. Reality
[CHK98, Kaa99, Ami90, BLRS98, BYV+09, CCB98, CN98, DDS+09, DBA98, Ka98, PSG+06, SUD+98, vVDBB98, RMSMP17]. realization [Kom89b, KM01]. realizations [DL03]. Reasoning
[TVV13, ATT96, DKFKF18, FB93, LLCF11, Ser95, SCN+14, VM93, ZGZ+10]. reassignment [STMV18]. receive [Gor02]. received [AKM18]. rechargeable [CZM+18]. recognition
[BG12, Bae14, CZ12, GPJA+14, HUMA18, HLL12, Kh+12, KH+04, KKP+05, LSSL18, MPH00, OCW14, Pet95, PSS+18, TJ18, YPCK12, XY+18]. recombination [SB98].
Recommend [GGL18].
Recommendation
[GGCPBGS10, RMA+18, ABZK15, CCJ16, FLR+16, GJ18, GGMS18, KZA+18, KKYK04, LCH+11, LXMW15, LQXL10, LLGY18, MML+18, MLW+18, RW18, dOWdA+18, XZ+16, YWL+17, ZZJY16]. recommendations [WBMP99, ZCH+17]. Recommender
[EGVT18, DVT17, TNY17, TAK12]. recomputation [HSS00]. reconfigurable
[AAB+92, ASW11, FFC12, JL98, LKTC14, NWE04, Pan95a, PH98, YP12].
reconfiguration [CCLS09, GVURIVBV14, MNV12, MKT09, PA01a]. reconsolidation
[AHRE16]. reconstructed [AD18]. reconstruction
[Alb04, IEG04, RICW00, XSM04, ZS05b]. record [RCD03, BSRR18]. record/replay [RCD03]. recordable [LW+16]. recorded [HN05]. Recording [FM10b]. Records
[Rao17, CTT+08a, LZZL18, LHL15]. Recovery
[SPJ17, BJN16, MTS+12, PY00, PWY03, SA14, YIA17]. rectifying [HYS04].
Redundancy
[DZZ+15, PJDO13, ZHL+18].
Redundancy-based [DZZ+15]. Redundant
[dRSS97, TBB+02].
Refactoring [KTB18]. Reference
[CBS17, AKB+01, RCOP+11, WXZL+17].
Refinement [HV03]. refinements [CP00].
Refine [CSJ+17]. Reflection
[Lop96, TA96, AP96, B96, tTvH96].
Reflective [EV96, Pit96, SGdMM96].
Regarding [MLGGB13], regime
[FAJ09]. Region
[ST11, LZX+12, RV95, SMC99].
Region-of-interest [SMC99]. register
[GD05, MWYC12, MSS02]. registration
[CEGL01, MLS001]. registry [BGK+05].
Regression [FSM+18a, ZZC18].
Regular [Dör05, LKTC14, NHT06, THA+17].
Regular-topology [LKTC14]. regulating
[PYH17]. regulation [LTN10, MSS+16].
Regulatory [HLI11]. Reiblein [vdR87].
Reidel [vdR87]. reinforcement
[Ven08, Ven09, WXZL11]. related [BSG+05, EV98, GAFFOG12, HXA+17, LKK+16].
Relation [LS+14]. Relational
[GVD16, LLCF11, Mur88, NSI84, ZY90].
Relationships [XLZ+14, vdR87]. relationship
[BF18, HCC+14, WLLF16].
Relationships [SM10, YWY+17]. relative [KCK04].
Relativistic [BST+04]. Relaxation
[KJI11, KKH10, LN94, MCL+16]. Relaxed
[GSD95]. relaxing [KJI11]. relay [ZWL13].
Release [JL17, PY00]. relevance [PC17].
Relevance-based [PC17]. relevant [Meu05].
Reliability [KCK16, RdLM06, AEM10, GIM16, KJH13, LYJ10, VK17, WYS11].
Reliability-driven [KCK16]. Reliable
[GVG17, KIMR15, DKV14, JCL+15, LZ10, LPK17, LPK18, LXMW15, MRH17, MKM11, TAS+18, Tor13, Var03, WQG15, WHS+17, WLP18, YW12]. relieve [KPS18].
Remapping [AS14, JLJ12]. remediating
[KAW12]. remnants [QC13]. Remote
[HS+17, MWW+15, OPT+17, SK97, SYY+17, YZN+15, AAS17, AMW99, BCF02, BDZ13, CHS11, DCC+14, FCD+14, GZW18, HUK+11, Han03, KP1+03, LHJ13b, LHL03, OPO13, RvdSB+03, SKF+11, SWW+18, VS04, WWCN13, WMY+18, ZMN99]. remote-sensing [AMW99].
Remotely [XAW+10]. rendering [BRR+04, HH98, Ig04a, KP1+03, Pit99, XY05].
Reordering [WC14]. Reorganization
[FMS08b, SRN+18]. Repackaging
[GMCM16, GMCM18]. repair [GDR+14].
Repartitioning [KMB16]. RepCoN
[PLA18]. replaceability [ZGS+13].
Replacement [WG00]. replay [RCD03].
Replica
[AWN+13, CC07, KLSS05, MVCC10, SYL18].
Replicated
[HH18, SHJ06, Bal91a, DAM08, TV08].
Replicating [MBV+15]. replication
[ASD12, AMT+12, CRVZ15, CTR+17, CCL07, CCG07, Dvor96, GIM16, KIS+11, LK12, LH08, LJY12, LSTV07, MLG13, MC04, MHA09, PSJ+12, PGCC+10, SR12, ST11, TFB13, TLTY05, TLTY06, ZWJ04]. replicative [SRN+18].
Replicator [WK00]. report
[CN98, DQ97, FK99, Van87, vdR87].
Repositories [ARP14, EGAQ09, HESM99, SCB+16, SSLF+10]. repository
[FAJ09]. representation [AP96, BCF16, CPA14, LZX+12, LLSL18, Qu04]. representations [LY00a, NMC05].
Representing [GM11, AHL11]. Reprint
[AB18b, GMC18, KKKM18, LPPK18, PBC+17, ZFC18]. Reproducibility
[SpdSR+17, CBB+17]. Reputation
[PS10, GA13, LXMW15, LJ+11, TY11, TMP15, WYB11, ZHZ+18].
Reputation-based [PS10]. request [YZ12].
Requests [SYAL13]. required [PCB99].
Requirements [SMRM13]. requirements
[Ber96, DDR96, FC05, HSS17, LLW+12b, Mur95, PB05, QCD16, YS16]. requires
[DHS99]. Rescheduling
Researchers [SDWS13]. Resolving [SK18]. Resonators [CASW05].

Resource [ARM09, CDFZ16, DGS09, HGM15, Kaa99, LGW+17, PSP+09, Van78b, YKÖ17, BY93, BAD+05, BS84, CML+16, CLC1Y8, CGL+10, CMD+14, Fur92, Ga87, GML+13, KZ17, KCH+13, LPC+05, LGS+07, MLC+11, MED16, MFI18, MM18, MCWP16, NSF87, SDWS13, Sch94, SVN+10a, Sti93, Tie93, VB18, YS16, ZL04a, vdR87l, Kaa98].


Resources [ACC+05a, ABP16, ABN17, BJWT08, BC15, BT17, BNJ16, BKKM11, CMZ+12, DFC+08, DV14, EA13, GGM+09, H MH17, KHG13, KVR15, Kos95, KTTK17, LN13, MBMTJR18, MDD15, NZQ07, PSA+09, RMCMD12, SGJ18, SSKK13, SVB07, VCKB12, VPT+10, Wu16, ZCW11].

Resume [MBS13, MV09, NRR+15, NCS12, NK15, PFRC16, Pip10, GGPW09, PPB16, PN09, PRN14, QMGS12, QPTGG+12, RGAT18, RC13, RLP12, RT15, dRRRR+18, RGC+10, RSJ+14, RM11, SBBP10, SBAD+18, SIL+13, SCMS12, SMS14b, SCCS11, TLP+15, TRK+15, TTB+13, TSBH11, TTP+07, VaadP12, Vau93, VHML11, Ven09, VVBM3b, Wach6, WCL10, WCF+15, WSH99, WCC+09, XTT18, YBQ07, YC13, YW12, YPHZ14, YMD+13, YMY+17, ZAB15, ZL13, ZZH+16, ZCS+16, ZZZ17, ZYX05, ZA14, dACNC16].


Resisting [WU+10]. resolution [CSdRR17, DCC+14, GMM18, HNQ+18, HJPS03, JRJ+11, KP+03, KLH+04, PDW+11, PDB99, RJH+09, RMA+16, SMC99, SLDK03, Wei11, YDK11].

Reshaping [GS+12]. residual [RT15]. resilience [DLS14]. resilient [CM17, DLZ16, TDF+08, YAX+18].

Restoring [WSU]. restoration [ACSdRR17, DCC+14, GMM18, HNQ+18, HJPS03, JRJ+11, KP+03, KLH+04, PDW+11, PDB99, RJH+09, RMA+16, SMC99, SLDK03, Wei11, YDK11].


Resurrection [CCM07]. Resurrection [CCM07].

Retargetable [DR05]. Retelab [CGL+10]. Rethink [XJWW15]. retrieval [AMBB18, AR15, ARP14, CC07, FLR+16, FC09, FMC14, HZC10, JCO8, KZCW13, KY04, MS03, OAdAM07, SYT09, SLZ+09, ...]
SaaS-based [FHYH15]. Sabotage
[DS07, Sar02]. Sabotage-tolerance
[DS07, Sar02]. safety
[BMR15, CY12, HNC+14, SPR+10, TF17].
safety-critical [BMR15]. safety-focused
[CY12]. SAGE [KID+16]. SAGE-based
[KID+16]. SAGE2 [RMA+16]. Salesman
[SM10, VAS95]. sampling
[PPLL17, TKT+08, YKK13]. SAR
[FCD+14]. Satellite [BT93, CFVP12].
satellites [CSC+92]. SATEXPERT
[CSC+92]. satisfaction [MLSF16].
saturation [Lea15]. save [SHP+16]. saving
[CJ14, JKLK17, TDSH16, ZZZ17].
savings [LN13]. SCADA [FTA+14].
Scalability [ASV+13, BNFZ08, LLRS94,
McC96, LSB+18, MROD10, SMC99].
Scalable [AMH02, AGA16, BKB18a,
CMX+16, FS18, GZLZ16, GZWQ13, JL08,
LXS09, MQW+14, Pa13, PN13, SBG+09,
THA+17, TJWS10, TSRG17, TDSH16,
ZTKF17, AG92, AR07, AFB+10, BCC+17,
BW95, CBL+14, DLR+09, DVVD02,
FWB13a, FWB13b, GGN17, GS15, GW01,
JSC+15, KMB16, KK16, KK97, LCBF13,
LC05, LBYL08, MCT+09, ÖEE13, Pa06,
PHL98, PMLVS+13, Pro07, RL98,
RMA+16, SRZD15, SAGL10, SCK+09,
SB17a, SLZ+09, VS88, WJZ+17, YARH18,
ZAB15, ZLR+15, ZJWZ04, FMD99, HMS15].
scalar [SW99]. Scale
[AKW90a, CHK98, EGV18, TKRA14,
BBSV92, BAPS14, BBJ+06, BDL06, BC05,
BCD+18, BCT+08, CTZ+15, CDF+05,
CRVZ15, CA13, CA15b, CR92, CTT+08b,
CTMO06, CGM+18, CGJ+10, CSP13, Dat03,
DAM08, Din03, DPL14, FAJP99, FQBCF15,
FRB+14, FDP17, FPKG18, FWB13a,
GLA88, GLNT13, GSV+10, GPH+94,
GIM16, HKM+06, HLC16, HZ10, IPG+18,
JHC10, JL03, Joh02, JTB15, Kos95,
KTV03, LKM14, LTN10, LSZ+16, LFP+17,
LSH+11, LPK94, LM12, MTV05, MKH06,
MR04a, MPR+16, MLW+18, NSP07, NS10,
PPZ12, PLA18, PB17, PGGC+10, PF17,
PPLL17, RN04, RL98, RMCMD12, TDFZ18,
TJWS10, TY11, THT12, WVC05, WKC+03,
WLLF16, WWH+17, WRC17, WJJ14,
WS10, XWL+15, YHJC05, YCAS03,
XCY05, YGYW16, ZWW+13, ZW10,
ZYT15, ZXL14, ZA14, dSFP+17].
scale-out [YGYW16]. Scaling
[Eng14, HSV+17, KZL16, SEMJ11, Var00,
AB16, CTBV12, CJH13, DWS12, EMJ+13,
IPCA+16, KTTK17, KAEC+18, dANCN16].
Scaling-out [SEMJ11]. scan [Alb04].
sampling [HYS04]. Scatter [FD12].
Scatter/Gather [FD12]. scattering
[LPB04]. scenario
[CGCB+12, HND06, KNI+18].
scenario-based [KNI+18]. Scenarios
[BNJ16, DFCG14, FAMA+17, GMLGB+17,
PZA18, WBL11, ZAA+14]. scene [SOF05].
schedule [SK12]. scheduler
[AJY15a, BCB+07, CFGC03, CTR+17,
KCS14, RD14, THN+06]. schedulers
[BB13, CCDS08, EL08]. Scheduling
[AHP16, ACK+15, ABN17, BDNP13,
CJH13, Fri14, GVA+16, KV12, KV17,
LAH10, LC13, LSRML13, LRM09,
P18b, RB13, RSRV88, RB18,
RMHMG17, SeR98, SD06, SLL+13, SK12,
WH16, Aba06a, Aba09, AOIS10, ANA16,
ANE13, AHEM17, AMD08, ADAAD12,
AL01, AGKZ18, ABP16, AB17, AB18b,
AFPG91, AIP+92, AEM10, Bag16,
BZMY10, BCC+17, BB16, BT17, BBI3,
CLR17, CGT07, CBA15, CA13, CA15b,
CCL07, CCL09, CM17, CK00, CX1+17,
CBK+17, CSL18, CCCT14, DZ98,
DRNMC09, DQLW15, DdM10, DPL14,
DCMV17, DBS14, DNP14, EV96, EL08,
ED04, EMM12, FK12, FD95, FN00, GR105,
GBS10, GJ15, GOBL16, GD10, GS15,
GPS13, GP09, GKT15, GGS13, HV92,
HLC07, HHW11, HXL90, HPLL09, HBN+13,
HML07, JCSS01, JLI+13, JM01, JEB18,
KA09, KS18a, KCK16]. scheduling
BS09, CC98, DLH+17, Dzw97, ESW+17, EA17, FHB13, FLR+16, JCO8, KMT14, LAM07, MVS00, NSI17a, NSI84, PPZ12, PMBS14, RHMC14, RNJK09, STA17a, SCBK+16, WXYL16, WCL+17a, WW13, XLZ+14, YD18, ZZ90, ZL13]. Search-based [MCT+15]. searchable [DL16, DLLZ17, HQZH14, LLL+18, WXYL16]. searches [HQH16, SA07, SF06]. Searching [CFG93, Sch03, LFH+15, RTS+16, SZC05, WHMO13]. Second [Ste85, Bou95, WYN+90]. secrecy [BDNN02]. Secret [EHMS00, ZZ15]. Section [CMA11, ChK11, CC11, CF09, GR09, GMS09, HKPT10, JS12, KT08, LXL20, LS10, NF10, SGM11, WSB+15, XZ11, Aab06b, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BN06, BLAV06, BB12, Bic05b, BR10, BRHH18, CRSD10, CGD10, DLP06, DDK08, DMD+08, DT08, FA11a, FM10a, FM08, GA06, GA07, GVTI17, HAb05, HKM+06, HJC10, Igl07, J011, JL08, Kim07b, hKcF09, LEE12, MOK06, OM10, Ole07, PH07, PX07, RW13, SLE14, SBDL06, SBDL09, SPEW09, SD07, TBK+10, TB1L16, VLK09, XLZ18, ZBB09, ZSH12, Zh07, ZH10, ZAP05].

sector [Nag86a, GG10]. Secure [ABC00, BK16, CDDR17, CIU10a, H0068, H0067, KKL09b, LLQ514, LLH15, LZZ18, LLZ+18, LHBC16, Mer13, RHH+16, RTS+16, SSF+09, SYW17, SPKG18, WXYL16, XSM15, ZMH+18, BDFP05, CPD+15, CDL18, DJZ+15, Dn03, FLPP05, FS18, GPA00, HLL+97, HLL+11, JFDF09, JSC+15, JCL+15, KZAI11, KKKM13, KPA17, KLW+17, LL04b, LT1K12, LJS17, LJLW13, LCHW14, LA1+15, LZYC13, LLH16, LWF+17, LZY+16, MK17, NRV+17, ODK+17, POJ+16, QTG+18, RA017, RSK16, RACA18, RHP17, SRZD15, SGGCR+16, SB17b, Sn07, TX14, TC1+14, TAS+18, WWW+16, WMX+17, WWD18, WZCH17, YY11, YNY+14, Z215, ZDR07, ZSW+18, C0K+04].

Secured [LC17, KBB+09]. securely [ZZC18]. SecureSense [RHPV17].

Securing [KP12, PS06, Pol99]. Security [AWJ+16, ACL+18, AM10, CCRV13, CHS11, DZZ+15, FJKK17, KKW+14, LYYC18, LSH17, PX07, XD15, ABTF+16, AAF17, BFS+17a, BFS+17b, BB+11, BWR12, CDG+05, CKK+04, CWW+99, CDFW18, CMVA18, CPP16, CMM00, DC18, DMM+08, DT16, DDR+07, FTH16, GMLGB+17, GMC03, GTK15, HC14, HCTN14, KKL09a, hKcF09, KBo1L18, KKKM17, KKKM18, L07a, L08, LLW+12a, LGY+16, LGL+17, MGN+16, MPM+09, N11, NWM17, NQ07, OA17, PSS13, PM00, RLM18, RM16, SAGGB17, SM03, SSZ13, SSB13, TZY+18, TTV13, TSM+17, WXYL15, WS10, YS16, YNY+14, YZN+15, YKO17, ZL12].

security-aware [HCJ14, WS10]. security-enhanced [KKKM17, KKKM18].

segmentation [DH16, LSW+16, SBCF16, DMM+99]. segments [TV08]. seismic [AMB92].

Self-adaptive [LHM14, WX+18, WXZ+18,

Self-certified [LH13b], self-managing [CRM+16, NJH11], self-modifying [GL04b], self-organizing [DD05, FSM88, dSGD13], self-provisioned [MG10], self-reconfigurable [YP12], self-regulating [PYH17], self-repair [GDR+14], self-scalable [KK16], self-scheduling [DRNMC09, XHY+90].

Self-recognizing [DRNMC09, XHY+90], self-scaling [DD05, FSM88, dSGD13], self-validating [LH13b], self-verifying [LH13b], self-certifying [LH13b], self-recognizing [DRNMC09, XHY+90], self-scaling [DD05, FSM88, dSGD13], self-validating [LH13b], self-verifying [LH13b], self-certifying [LH13b].

Self-scaling [DD05, FSM88, dSGD13], self-verifying [LH13b], self-certifying [LH13b], self-recognizing [DRNMC09, XHY+90], self-scaling [DD05, FSM88, dSGD13], self-validating [LH13b], self-verifying [LH13b], self-certifying [LH13b].

Semantic [ARP14, BPC+14, HPB08, HC17, HQ10, KARP14, PBC+11, RVST17, Sun10, WZL18, ZL04a, AD18, ABTF16, AGA16, ACC+16, BDH14, BX04, CPSRG14, DLZ+14, DT16, DRS16, DMMM11, FLR+16, FC09, GACM17, HK88, Hal88, JC08, LXL+17, LvW14, MPCAF15, PTT12, QGT+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17, U211, VGBLSG+06, VPT+10, WLLF16, XCGD10, XLZ+15, YCZJ18, ZS10, BDF+16, CAS+16, LWHC07, LvSW+04, WC06b, WFGQ+10, Zha07, Zhu10].

Semantic-aware [BPC+14], Semantic-based [ARP14, KARP14, PBC+11], Semantic-supported [HBS08], semantically [AAF18, BCMA07, Li10, PSW+14, RGVGSSZ14], semantically-enhanced [RGVGSSZ14], Semantics [JDB94, SPD+17, XD14, Zha04, ZS16, Ber00, BL92, CPT00, DFL017, Hal88, HJP92, LLG+16, RTHB17, SOA17], semi [AAF18, AC01, BDHK06, DBS14, HLL12, JC09, NB04, YYW+17], semi-automated [AAF18], semi-automatic [AC01], semi-autonomous [DBS14], semi-discrete [NB04], semi-Markov [BDHK06], semi-structured [JC09], semi-supervised [HLL12, YYW+17], semiconductor [FHG95b, SGFS01], semistructured [GZS14], SemPI [DPS16], SemreX [JC08], send [Got02], sensed [XAW+10], sensing [AMW99, AMPZ16, DCC+14, FCD+14, GZW18, LLGY18, LZ+16, MWW+15, MAD+16, WWCN13, WMY+18, XLZ18, KS11], sensitive [CW13a, DK17, LCL14], Sensitivity [PBHK01, PBT02, SW+13], Sensor [FPDP14, RRS10, SMS16, TKA18, ASO14, AIB+18, BLAN+16, CJ14, DJPM18, FP14, GRTV10, GLXF17, IASK14, KS11, KLW+16, LC17, LBYL08, LLQS14, LCZR12, LZXG12, LXW13, Lok12, LHBC16, LZ+16, PC17, SJ14, SCY+18, SMS14b, THA+17, ZWS+12, ZBL+14, ZZZZ18, RVST17], sensor-cloudlets [Lok12], sensorized [TCB+17], sensors [BDE17, BSE+13, HUWA18, LRWB17], sentence [Nit86], Sentiment [ZWWL18, GGMS18], sentiment-based [GGMS18], separation [FdSC07], September [Ano84k], Sequence [LJ17a, BORM07, CS05, TKT+08], Series [Ano86i, Che14, GKIZ05, LFWV05, MZH+17, MFT+17], ServBGP [IGB+14], Server [FNCR11, YLC15, BGR+09, CWD04, CGL08, CWSW14, Cho04, EDD+10, GW01, HAC92, HJCD05, KLW+17, Lee04, Len16, LCD17, LHL13b, LHL03, MP17, MD12, RT15, XDL12, ZFC17, ZFC18, BSRR18], Server-aided [LYL15], serverless [SWCP03], servers [CLH10, DZZ+15, JOPW14, JZWL17, KAEC+18, LPE08].
SMA08, WWC+97, ZWW+13]. **Service**
[ANE13, AJY15b, BZS18, Cha14a, CBS17, FMN+17, JY15, KTM17, LJ17b, LYY+16, MJRM16, OF07, OVK+09, PRS12, SCL18, SMG18, SS17, TSBH11, VDTK12, YG18, AdI14, AAB+10, AWN+13, AK14, AB18a, ADF+05, Ano12h, AN08, BBC+17, BS17, BJA+05, BML18, BSCC06, BCDP12, BPC+01, BKG+05, CMZ+12, CPDJ13, CCT13, CMB17, CCP18, CPE+17, CKFJ06, Cha14b, CSL17, CGST09, DCS+07, DLW07, DVT12, Dpu03, DDR+07, Dam12, EAED18, FLR+16, FD12, FTP14, FWB13a, FWB13b, FA11b, GMMM18, GVURIVBV14, GA13, GAJP18, GPK05, GMEL08, GGA+17, HAI16, HA18, HC17, HJS+99, HSH+07, Hu05, IGB+14, JSS+12, KZAJ+18, KSF+13, KTKN11, KK10a, KKK14, KPA17, KS13+16, KK16, KIC12, KL14, LL03, LwS+04, Li15, LD17, LKA+08, LWJ08, LW+12, LW+12b, LX13, LSMVML13, LS08, LLW+18, LMH+09, MLI15, MCL+16].

**service**
[MZH+17, ML11, MLM16, MAD+16, MHA08, NK15, ÖE13, Pau06, Pau13, PKC04, PRS+13, PRSR14, PBA18, PTE+18, PTT12, RZ16, dRRR+18, RMVG+10, RB18, RHMG14, SVC+07, SGA+07, SBLW14, SPSP17, SKSI17, SDC11, SPBT07, SMZ+16, SAC11, TNN+06, TDL1C7, TJW+10, TBLN09, TAKV12, UGBM+17, VDK12, VOS12, WWC+97, WLZ+16, WSH+17, WSH99, WZ13, XSM15, XCGD10, XLW+17, YKL+07, YW12, YVCB010, YKK13, YCYJ18, ZS09, ZGS+13, ZZLH18, vdPGZ+16, CLM+16, EMJ+13, GMEL08, GvBBD15, KLM+03, KTM+08, LPD+13, RA1, SCH+07, YFPF05].

**Service-aware** [SMG18]. **Service-based**
[ÖV09, GACP18, HJS+99, LMH+09, TBNF09]. **Service-Oriented**
[BZS18, SCL18, AB18a, CPDJ13, CGST09, EAED18, GVURIVBV14, Hu05, LwS+04, LX13, MHA08, NK15, ÖE13, SAC11, TAKV12, GMEL08]. **Services**
[AFP07, AM17, BMFC07, HX+17, PZY16, YAP16, APBd17, A TF11, AHP16, ARB12, AEM01, BKS+14, BBW08, BAV16, Be16, CSV+12, CdCD07, CP+15, Che13a, CAC+15, CLF15, CCT07, CLM00, DDMG17, DX14, FYH+15, FTD17, FPFS10, FLFP05, GPA00, GVB13, GMC03, GvBBD15, GAYTC18, GG+13, HZC10, HML07, JRF+07, JCO9, KAD14, KK16, KFO0, LLMP13, LJS17, LG+08, LPY+18, MCT+15, MFP05, MV05, MVG+14, MS01, MC04, MHA09, MPMP09, MM18, MML018, NV11, NZL+15, OKK+17, OB17, Op00, PPN+12, PK09, PH99, Po198, Po199, PZ17, PPS06, PFS+13, PEG05, PBB+05, QC06, QP08, RZ16, RB13, RW18, RGVGGSSZ14, RG04, SRZD15, SPM10, SMC12, SBK+16, SCN+14, SLJ+06, SZGC04, TS08, TGM11, VAR14, VGBLS+06, VMRS12, VSP+14, VPT+10, WRC17, WG13, WCC+09, WYH+17, WHYZ18, XB14, YMLT13]. **services** [YAO14, YCX05, YKÖ17, ZCW11, ZJWZ04, ZaTZ+17, dacnc16, AkmK05, ABS11, RV17]. **serving** [CZM+18].

**Session** [Aono86h, LZYG13, OVK+09]. **Set**
[Zna94, CSdCM+17, CGH14, DL14, HXW18, RNJK09, Xia06, YLG+16]. **set-splitting** [CGH04]. **set-union** [HXW18]. **set-up** [RNJK09, Xia06]. **Sets**
[BRH18, BCW01, CPE+17, DB99, ECFP17b, EA17, HAB+06, LGH97, Sin07, WTG+14, XYZ05, YAO14, ZLD+03, vdR87f]. **setting** [WM07]. **setup** [MD12]. **severity** [ATX13]. **SGrid** [LvSW+04]. **Sgurev** [vdR87c]. **SHA** [LC17]. **SHA-3** [LC17]. **shadows**
[DS04a, Sch98]. **shape** [BB1+05, LK08]. **share** [NP06]. **Shared**
[KG01, PM09, BK97, BOP+14, BBSV92, Ber98, BCC+12, CR92, CYH04, CCLS09, Chi10b, DFC+08, DPS16, FP03, GMP+16, GB99, HH98, HSHS06, KB16, LT010, LWS10, LUB+10, OB04, PADD03, PY00, PH94, ROC+11, RCD03, SF06, TC06].
TYH04, WYJ99, Wu16, YIA17.

**Shared** [BK97, CR92, SF06]. **Shared-memory** [KMB16]. **Sharing** [DL00, BBM+03, BJM+17, CD16, CTT+08a, CWD04, CCS+10, DZ04, DGS09, ELvD+96, Erd13, FST+S9b, GGC17, GG10, HLYW17, KS11, Lea13, LJW13, LAL+15, LHL15, LWYS18, LL+18, LL16, MM08, MM18, MMLO18, PIF18a, Roa17, RBC+15, SHBP10, SAGL10, SG+09, SCY01, SSB13, TKK+14, TC+14, YLN15, YZW14, ZZ15]. **Shedding** [SHB89]. **Shelf** [RV95, SMM+14].

**Shell** [KTY03, Tab06]. **Shells** [TA96].

**Sheltering** [DR15]. **Ship** [Suz89]. **SHM** [SCL18]. **Shock** [Kni89]. **Shockable** [AFO+18]. **Shocks** [MID+16]. **Shop** [BZMY10, DDV92, ED04, RNJK09]. **Shop-floor** [DDV92]. **shortest** [TTC+14, Luk89]. **Shortest-linkage-based** [TTC+14]. **Should** [Poh87]. **Showstopper** [PBC+17, PBC+16]. **shrinking** [UM02]. **Shuttles** [BRS04]. **Side** [HSS00, SM10]. **side-effects** [HSS00]. **Sidera** [EDD+10]. **Sieves** [SBCF16]. **Sigma** [vdR87, ANN+92]. **SIGMCC** [CCT+08a]. **Signal** [AKM18]. **signaling** [SJTG07]. **signals** [Fuk85].

**Signature** [XZZ+18, Ale97, CYH04, HWW04, SCZ+14, TX14, TYH04, ZaTZ+17]. **signatures** [AMM16, Che13b, WWW+16].

**Signcryption** [Rao17, LK12, LHL15]. **significant** [DFG+00]. **signing** [HWW04]. **Silicon** [MPH00, YLJ16]. **SIMBEX** [GL04a]. **SIMD** [BL92, CEJK94, ZHJH18]. **similarities** [CRGY18]. **Similarity** [TIHT14, BNFZ08, DMZ12, GVI13, GA13, LXL+17, LLF+18a, NSI84, SCBK+16].

**Similarity-based** [TIHT14]. **Simple** [SWCL95, Sch01, ABF+03, HHSW92, TDL05, VP94]. **Simpler** [BB04].

**Simplified** [KVHT10, SUD+98]. **simplify** [HLS006]. **simulate** [GL99]. **Simulated** [VSvD95, AJY12, Cha11]. **Simulating** [BL15, DS04b, DIK+06, JLMR00, DS99, FPGK18, KZC04, MSS+16, Mor01].

**Simulation** [AB16, BAD+05, CFPC17, HW95, LSS94, MVRM08, RSV90, TC06, Wor99, AJZ+02, AGJN00, Ano96b, BDP11a, BMPS01, Ban02b, Ban05, BJNH05, BKB18a, BMGLS17, BKK02, BDL06, BPS+03, BVDF00, Bru01, CYL05, CPGD+13, CPGB16, CGT07, CB15, CTT+08b, CWW+13, CTM06, DCC+14, Eng14, FJT01, FDPR17, FW02, FN00, FCW01, GL04a, GBC00, Gra01, GCK98, HDC+94, HCB16, HQQ07, HKG+16, IPG+18, IOO04, J16, JL03, KNI+18, KMB+17, KVK+18, Kni89, KGWV14, KMN+05, LR01, LF01, Len01, LB09, MG18, M004, NJW+06, NCS04, PO00, Par06, PPJ95, PSS01, RDH+00, RLRC13, RN01, RV95, RS99, RGH+01, SGFS01, Sch85, SNW01, SBS98, She00, Sin92, SKT02, SUD+98, SLW01, SDSP04, Tur18, UTT00, VN01, YCAS03, ZMJ+06, ZYTC15, vOB95].

**Simulation-based** [MVRM08, J16].

**Simulations** [NS10, Sdr99, ABL04, AKH+04, BSE+13, BRMN04, BMP+16, CTF+99, FQBCF15, HRJ+04, JNPY06, KKH01, LPK94, NEJP94, PF01, PPB+05, RN04, SM05, SCK+00, SSFL+10, VVCV94, VSV95, WZZ+03, Kol98]. **Simulator** [BCS99, LJY04, LLAH13, SM01a, WSSM98, YA02].

**Simultaneous** [Bag11, TTBK13]. **Simultaneously** [CLH10]. **Sina** [WRC17]. **Sinclair** [Sin84].

**Single** [KN10, LY18, AFF+09, DL00, GD10, MGLV04, SF06, dITK92]. **single-chip** [SF06]. **single-class** [GD10]. **Single-pass** [LY18]. **singulet** [Tul04]. **Singular** [BH03].

**Sink** [WCL+17b, SO98]. **Sinkhole** [JL14]. **sinks** [PC17]. **site** [SA14, TCN+16].

**siteDriverID** [SGGC+16]. **sites** [GCV+14, KSK+11].

**Situated** [BMS05, ZBF14]. **Situation** [Hal88, NSHP88, WBT+08]. **situational** [AL14]. **situations** [BBK18b].
[Ano84e]. size [BVDF00, HV92, JLL17, Tor04, Van92, YKK13]. sized [SCCS11]. sizing [GDR^+14, SLD^+15]. SKaMPI [Reu03b]. skeletons [BG05, KMZJ16]. sky [DGD^+16]. SkyDrive [QC13]. skyline [LLM^+16]. SLA [AB16, BS11, BCPS03, CMZ^+12, DMZ09, ENC^+12, GEG14, HY09, JTBS15, KKB14, MG14, MG16, MEBA12, SBK^+16, SSL12, TMS^+17]. SLA-based [AB16, CMZ^+12, KKB14].

SLA-constrained [HY09]. SLA-driven [GEG14]. Slack [HLL^+17]. SLAs [GJF^+12]. slave [HCL07]. sleep [AKM18, BJM^+17, KCH^+13]. Sliding [YL16, AQB15]. small [LAM07, PM14, Smart [APRC16, BA17, BBC18, CAB^+18, DP17, HSS17, KPA17, Mar90, PMDS18, PC18, RMP17, SAGGB17, SDDG17, Sta17b, TF17, VPA^+18, WLA17b, ZYW^+18, ABC^+18, AR18, AHdJF97, Ale97, BBC^+17, Bae14, BVG97, CHS11, ChLc06, DFRW17, DQ97, DDMPG17, DF97, EAED18, FTK17, FSM^+18b, HC17, HCZW17, JBC16, KAS^+18, LLW^+18, MCX^+18, MK17, NAGD18, NWMG17, NWL17, OCW14, PC17, RGN^+18, TOD17, TZZ^+18, TCB^+17, UGBM^+17, WDJC18, YJS18, AR18, AL14, CGSV17, FAMA^+17, GXL^+12, GMLGB^+17, HSS17, HkRM17, KADJ14, LSL^+15, TAS^+18, UPP17]. Smart-Cities [Sta17b]. smarter [ABd17, FRM^+18]. smartphone [HUMA18, VOCHC17]. smartphones [WWW17, YJ17, Y14, Y16]. SmartSantander [DDMPG17]. SmiLE [STTK03]. Smith [vDR87c]. smooth [ZY04]. Smoothing [DV13]. SMP [BSG^+05, BTM10, CRE01, MTKS00]. SMS [CYZK15]. SMT [PAB^+14]. SMT-based [PAB^+14]. SN1000 [CGZS95]. SNIPER [FMD99]. snoop [Yam92]. snoop-cached [Yam92]. snooping [DSS98]. Snort [SI18]. SOA [BDP11b]. SOAs [KB09b]. Social [AC16, BCJT13, EGVT18, KZA^+18, LSAM13, CWJ16, CGM^+18, DFL017, DGS09, DYC^+18, GJ18, GBY16, GTSAR^+14, GWC^+16, GCC18, GGMS18, HCC^+14, JLQ^+17, JWU14, KAS^+18, LRL^+14, LLG^+16, LLLA17, MML^+18, MGV18, MLW^+18, MCG^+15, NJ17, NLM^+16, PA18, SB18, WWVJ17, WRCC17, YMLT13, YCXW18, YWY^+17, ZLL17a, ZZH^+18, ZZZ14, GCPGBGS10]. social-aware [JLQ^+17]. society [APRC16, Ano87c, LLS^+14, Mar98b, Mar98a, Mar99b, PKF14, Zhu14, Zhu14].

Socio [KK18b]. socio-inspired [KK18b]. Soft [EA17, Hab05, BBB16, DS04a, GKW^+12].

Soft-computing [Hab05]. Software [AO06, BHH91, Cas94, DO15, GCR^+17, JAAD^+16, KKVdB^+17, Kow84, Kow85, Mai91, Mat89, NAGD18, Sch94, SK07, SMG18, TDSH16, TD95, TSTD16, WRK^+15, AAB^+92, AM03, Ano87b, Bea03, BBL^+05, BH92, BKL01, CMZ^+12, CY12, CJK^+18, CGSZ95, Cur92, De98, GZLZ16, GVBG17, GJS^+94, GKY18, GCK98, HA16, HA18, HZC^+08, HLvL^+97, Hum92, IMSV90, Jon00, KK16, Lee12, LB18, LWSC07, LDS06, LLS^+14, MB01, PSLZ18, Poh87, RA12, STTK03, SSM14a, SLZ95, Tak05, TBK06, VSSD13, WHS^+17, YJJ^+17, ZLL13, ZBCT17, ZMN99, BRH18, EMJ^+13, RA12].

Software-as-a-Service [EMJ^+13, RA12].

Software-Defined [SMG18, CJK^+18, GKY18, ZBTC17].

Software-Intensive [DO15]. soil [LJN04, ST98]. solar [SZC05, TTC^+14, GCCPGBGS10]. solid [GNOY01, WZK^+03, MPCAF15]. solution [BS17, CGH04, DMM^+18, HCL^+17, HXY13, KA09, KNI^+18, LZX16, PIP18a, RPMG10, SJ13, SS03, TDSH16, YLN15]. solutions [AR17, ACL^+18, BCP18, CsdCM^+17, CCLR18, EGVT18, OdI14, QC16, ZEO16, ZEO98, ZEO01]. solvability [Ned06]. solve
[Del06, ED04, SSG17, ZZC18]. solver
[BG05, ID98, MMV08, PH94, SGFS01, SSC04, VM94, Jon00]. solvers
[BJNH05, BRMN04, BGC+03, BEWZ10, NHT06, dSL98]. Solving
[HPFP94, KKS08, SG04, YFPF05, vdV89a, BJA+05, CSC+05, CMT16, CRM05, DHDS98, EPJ+05, FFPS10, NMC05, Pad92, PKC+05, Sch03, SMK05, WH05, ZS05b, ZAP05, tTvH96]. Some
[Luk89, MDD98, Pal16, DS99, DR03, KAW12, Man15, Mdo01, SZR18, Kat04]. SOME-Bus
[Kat04]. Sons [Ano87c]. Sophia [Zna94]. Sophia-Antipolis [Zna94].
Sort [MAC17]. sorting
[CG02, CKFJ06, Kat04, LQK+16]. sound
[DH16]. sounds [WLZ+14]. Source
[QC18, TKA18, BP01, KTTT17, NB04, PBT02, PKS+10, VOCHC17]. source-code
[BP01]. sources [CC16, ZMP10]. Sowa
[vDr87g]. Space
[WZL18, All92, BORM07, BW97, DZ04, DFC+08, DL00, DBD+14, Fuc93, JHC110, JL95, Lao92, NHG02, NHG03, SW05, SCK+00, SGH+08, SSMG95, TMV+07, VLC03, YPHZ14, ZZ15, ZYXL05, dLLA93]. space-filling [SW05]. space-shared
[DFC+08]. space-sharing [DZ04]. spacecraft
[APGF91, AFP+92, CSC+92]. Spaces
[DP17, BMS05, LLS+14]. Spam
[EA16, CYZK15, CWZ+17, SB18]. SPAMINE
[AVP17]. Spanish
[SGGCR+16]. spanning [Luk89]. SPARC
[AG92]. Spark
[HSV+17, TZZL18]. sparse
[BJNH05, BMZ01, HBCR01, IST04, LLSL18, NHT06, SKT+08, SGFS01, SG04, ZWL+16, dSL08]. sparse-matrix-vector
[HBCR01]. sparsity [HD16]. Spatial
[GLR11, ATS14, Ban05, CGN18, Coo90, FX07, GFD14, MTD18, NZL+15, SSZ+17, ZSZ14, dIFVPSHL+14]. Spatio
[HYC04, SSP17]. Spatio-temporal
[HYC04, SSP17]. Special
[ABA06b, ADALZ14, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BB13, BN06, BDF+16, BLAV06, BB12, Buc05b, BR10, BRHH18, CMA11, CRSD10, ChK11, CC11, CSYY18, CF09, CGD10, CP1G14, DLP06, DFRW17, DKD08, DDM+08, DPDS14, DT08, DDB14, DO15, FA11a, FM10a, FM08, GR09, GA06, GAMA07, GMS09, GMP+18, Hab05, HYZS16, HKPT10, HKM+06, HJC10, Ig07, JO11, JS12, JY15, JL08, KT08, KZ14, Kim07b, hKcF09, LXL09, Lee12, LS10, LNB14, Mes02, MOK06, NF00, OM10, Ole07, PH07, PX07, RW13, SGM11, SIE14, SDBDL06, SBDL09, SPEW09, SD07, TCG14, TBK+10, TKRA14, TBLD16, VILK09, WSB+15, XZ11, XLZ18, YGS16, YJHZ14, ZBO09, ZSH12, Zhu07, Zhu10, ZAP05, ADLW12, ARB12, CRW+16, GTDL18, KJ12, PC18]. Specific
[JC15, BFK02, DR05, KZA+18, KANS18, PNHH99, WB08]. specifically [RLRC13]. Specification
[Pro07, ATJMZ02, GGW+09, MCF+11, ZZ09]. Specification-correct
[Pro07]. specifications
[ATDC+16, ABK94, BDLO5]. specimens
[FGCM07]. spectra [CGM+07]. Spectral
[BvdHN+01, LJJ18, MA94, MLZ+00, RC17]. spectroscopy [GPH+94].
spectrum [GPH+94, JSS+12]. speculative
[LAL+14]. speech [XY18]. Speed
[CZM+18, HGM15, AB03, HG92, HAB+06, JH16, Kas85, LC01, LSH+11, LYS12, MFP05, SRG+03]. speedup
[PJD013, AB03, ABMS05]. Sphere
[VSvD94]. spherical [Tab06]. SPIDER
[FSP02]. spill [FC+14]. spills [MS02].
spin [Coo90]. SPINEware
[BvdV99]. spiral [HHS98]. spline [IEG04]. Split
[PNHH99, MYK16]. split-layer [MYK16].
splitting [CGH04, Cie04]. SPMD
[MMRL17]. sponsored [NSF87]. spot
[CLRL18, JTBB13]. SPP [SSM95].
SPP-1000 [SSM95]. spreading
[DYC+18, SSZ+17]. spreadsheets [Asu13].
SQL
[CKF06, LSL+16, SW17]. square
[TM05]. square-root [TM05]. squares
SSDs [LQK+16], SSE [Lin18], SSL [DC17], SSL/TLS [DC17], SSO [MLM16], SSOR [BTM10], St [vdR87i].
Stability [CP06], stabilization [CTC13].
Stable [CHHW91, FTK+14, ZF16], stack [PDK10], Stackelberg [LN13], stages [AAJ17, KN10, UZ11].
Staging [MTN08], stalemate [Chv87], stalking [EA13].
standard [ZMN99], standardization [Kob92], standardized [BAB13, MEBA12, WBKL16].
standards [MLD08, RS94], standard [KSAOK08, LlpC12], star-topology [LLpC12].
StarCAVE [DDS+09], StarPlane [GMG+09], STARS [vV85], start [KMT14, TJZ+15].
State [CsZzG+13, CN98, GBY16, SJV+15, WW13, BDHK06, GHLW18, LTC12, LSL+15, Mér17, Van87b].
State-based [WW13, Mér17], statement [Leo01], statements [Leo98].
states [REM04, Tul04, Wii84], Static [ABG17, BB16, HPLL09, GL05, OS06, SMS14b], stationary [CZT+15], statistical [Ald89, BMP+16, HPS97, KHWZ18, MCA02, RS16, SCH+17, Zz90], statistics [Pan95a, vdR87k].
Status [CBBC+17, MK88, Abe92, FK99, Fur92, Kaw92, KARP14, Miez9a, Nag86b], STEER [LWHC07], steered [PHM+99].
Steering [LBU+10, WCKW10, LJP05, LBB+09, MDO+15, MvLyW98, MvWvL99, RMCN+10, VMvW97].
Starellar [LM90a], Stellar [LM90b], stem [BPP+07], stented [HORC04], step [CP06, KRZ12, Kos95, XYA+18].
stigmergy [DTB70], stimulating [JFD09].
Stochastic [SLD+15, BKh18a, CLR17, CRK04, Gue01, HWS07, Li15, SMS14b, TLL+11, BP02].
stock [Che14, JHC18, Lin18, Yam89].
Stokes [ID08, vM94], Storage [SRN+18, ADM06, AR15, AKCY+17, AGA16, ADDV16, BSRR18, CW16, Che13b, CDL18, DLR+09, DLZ+14, DLLZ17, DKK+13, DLH+17, ED16, FHI3, GTSAR+14, GGSZ09, GG10, HSM13, HD016, JSC+15, JCL+15, KK97, LCL+17, LSH+11, LFH+15, MPP13, MM18, NJW+06, NZQ07, OB04, PMWX17, RTS+16, RAA+18, SJTN+18, SYW+17, STC15, SSKK13, SMS13, TSWL17, WCF+15, WLA17a, WLA17b, WHW17, WBT+08, WLM17, XFL16, XLL+14, XJWW15, YCAS03, YZW14, YNY+14, YZN+15, ZFW14, ZWL+16, ZJWZ04, ZW10, CHHW91].
store [YFY+13], stories [VPA+18].
Storing [LDCF11, LZX+17, SW17], STORK [TOS18].
Strategic [vdR87d, BM08, ECPF17a], Strategies [PR95, ASD12, CPDG+13, DFC+08, GJS+94, HCJ14, LPB04, LB09, LSVM13, MM03, RGC+10, VGC+13, DOOO+13].
Strategy [ZZLR18, Car86, CS12, DMZ09, FN00, GS16b, HCL07, HWZL08, HPLL09, KKL06, LHv08, LYMZ09, LFL+17, LSO1, NQQL13, Qin07, RM07, SSL12, SK05, SYL18, WZZ16, WS10, WW13, YLTC10, YMY+17, YK17].
stream [ACC+16, BFVGA15, GS95, LSD11, LM90a, SSL13, WHMO13, YL16].
streaming [BDNP13, DW+17, FMR05, kHsZwJW18, KW16, KSK+11, MBC+11, MYK16, SST+06, SKF+09, SKF+11, SLDK03, TCN+16, WdL16, Wei11, YMD+13, ZCK+15].
Streamlining [WBKL16], streams [CFM17, DGD+16, GAC17, MPP13, MTD18, PSS17, RBV14, TSRG17, TCBPR16, YARH18, ZSP17].
StRed [NZQ07], Street [AR18], strength [AKM18], stress [BBJ+06, OS06], string [MM03], stripes [vV85].
Stroke [TJ18].
Stroke-order-free [TJ18], Structural [ARP14, HJP92, Lop03].
Structure [BKM03, KS18a, KKL09a, WLZ18, ASV+13, ANN+92, BM00, CD16, CCG07, Coo90, DZZ+15, DLW86, LY17, LY18, Lin84, LYT+05, NIT86, TMT+07, YK17, ZQZ+09, ABK94].
Structured [CDG+14, HB09, ADT03, BMH10, BFK02, CHSA18, DLP06,
Structuring [Leo01, LPE08, CCG07].

Stuart [Zad87].

Susan [FJA+18].

Subsequent [PFS]

Subsets [OP95].

Subroutine [DT94].

Subsystems [Sch92].

Substituting [SVB07].

Subsystem [WTC+02].

Subtrees [QR95].

Subtree [ZWS].

Subjects [Wei11].

Subroutines [DT94].

Subscribe [BGP].

Subscription [ONHT89].

Substitutable [SVB07].

Successful [vdR93a].

Successful [KMN+05].

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].

Superscheduling [MJRM16].

Supertree [NS17b].

Supervised [hKBB11, HLL12, WWY+17].

Supplier [DFR93].

Supply-demand [PYH17].

Support [BCM+95, CLY+14, DDO+92, DJPM18, Gra92, BBWB+18, BK97, BBK18b, BMP+16, CAS+16, Che13a, CY88, DMR93, DSH+99, EP12, FK11, GGTRRC16, GS95, GHLW18, GKT15, HHL11, Ham17, HAA+16, Hum92, KFBK14, LGH97, LZ10, LPK17, LGW07, LDY+18, NHG02, NHG03, ONHT89, OV+19, PM+04, Pal06, Pal09, Per86, PWV+13, SB97, SG+09, VR05, VDK12, WLF+09, Y+015, YCX05, ZZDM+18, dLVPSH+14, dLHA93, LPK18].

Supported [DPDS14, JO11, HB08, KSM+07a, KSM+07b, LNJ04].

Supporting [BMS05, EMB98, Fra08, GJE+12, JHC10, Lok12, ADT03, CMP+17, DMFP16, KT08, LG08, Pag99, SZP00, SB11, SAK+10, SHLB08, YD18, ZBF14].

SUPRENUM [SS90].

Surface [Alb04, CFG93, GL95, IE94, RBS93].

Surfaces [DY04, ZY04].

Surgical [SGB05, EMB98, Fra08, GJF].

Supporting [DPDS14, JO11, HB08, KSM+07a, KSM+07b, LNJ04].

Supporting [BMS05, EMB98, Fra08, GJE+12, JHC10, Lok12, ADT03, CMP+17, DMFP16, KT08, LG08, Pag99, SZP00, SB11, SAK+10, SHLB08, YD18, ZBF14].

SUPRENUM [SS90].

Surface [Alb04, CFG93, GL95, IE94, RBS93].

Surveys [PTM].

Swarm [CSJ].

Surveys [CSJ].

Swapping [ZLL+17].

Swapping [ZLL+17].

Swarm [CSJ].

Swedish [HY03].
sweeps [SBA+05]. SWI [CAS+16]. swift [WCF+15, PLCGS11, GCM+11]. SWIG [Bea03]. switch [STC15]. Switched [CGD10, CkLC09, CKJ+10b].

switches [LKTC14]. switching [CJJH13, CFVP03, HAP15, MGYCO6, SKF+09].

switching-frequency [CJJH13]. Sybil [JNH18]. Symbiosis [CSP98]. Symbolic [ANA16, EA17].

Symbolic [Fah98, GI07, CsZzG+13, FB93, Ref87]. Symbolic/numeric [GI07]. symmetric [AKH+04, DLZ16, FH13, GMdFPLC17, TC06]. symmetrical [RS17b, USK16].

SYMPATIX [CEJK94]. symplectic [IS03, MR04b]. Symposium [Bis96]. Synchronization [PDDS10].

synchronization [AC92, BB06, EZV+15, EV96, GI07, GE90, HKY13, MM18, MMLO18, Pan95b]. synchronous [LKK+16]. Synchronous [Dui89, GL05, dRRdQGR+18, AT91, GGLD10, MGLV04, Mur86, NWE04, Ohy89, Ohy92, PHL98, PK90, PH99, PUG16, PBA18, Pit96, PKSC02, RHH+16, RRP+14, RB12, Reh06, RWW+13, RSR01, RO04, SKT+10, SZP00, SSS17, SI18, SPSP17, SSL+17, SWW+18, SB16, SLW01, Suz89, Tak89a, Tak89b, Tak05, TTT+14, TSK03, TNY17, TMM+13, TCCCC11, TDL05, Uch86, Ueh89, UPP17, USK16, VSP+14, VPT+10, WCF+15, WMX+17, WLP18, XWL+15, Yam89, Yam92, YCY10, YW+17, YJS18, YCAS03, YS16, YZ12, YZW14, YWA+89, ZWL13, ZFW14, ZSX+15, ZZXL18, ZC+16, ZW10, ZXL14, dLLA93, APRC16, Ama86, BHB+11, BBS92, Bre89, GCCPGBG10, Gut00, SH00, Suz89, WXYL15, ZPPE17, dRSBH94].

System [vdR93b]. System-level [SVN+10a]. System/6000 [BBS92].

Systematic [Kae00, KTL17, Hol93, MCWP16, SAC11].

systemic [ABF+15b]. Systems [AWYJ16, ADAL14, CCLR18, DVV90, DPDS14, DO15, DSSU97, EGVT18, MOK06, NHG03, PW09, Pip18b, Sdr99, SAPA17, Ste93, SJTG14, Van87a, VLAC+13, YGS16, ZZLR18, Abu06a, ACML05, AMH02, AMH04, Ais88, AHdJF97, AKPN01, ACU95, ATdC+16, ABF+15b, ADF+05, Ano84j, Ano86j, Ano87m, AR10, AB17, AB18b, AM10, AH11, BMR15, BK16, BBWB+18, BJWZ08, BdCYG05, BFP18, BJNH05,
systems

[GJ15, GA13, Gil85a, GEAR13, GA06, GLW99, GM11, GDR+14, HH98, HAF+16, Hen87, HCB16, HW95, Hir89, HPP94, HZP+14, Ho93, HHXL13, How91, HCL07, HX10, HDWL13, HLL+17, HM98, HLMN11, HJK+04, Ig07, IPG+18, JSK+06, JLCC12, JL08, JZWL17, JLY+18, Jom09, Jom10, KHW12, KK00, KANS18, KBVH14, Kha12, KLH+04, Kim07a, hKcF09, Kim14, KCS14, KARP14, KH10, KB16, KFBD14, KK97, Kim94, LR06, LXLS09, LKN+13, LRYJ17, LLL+18, LC01, LCL14, LFH+15, LLGY18, LSAM13, Lok12, Lop03, LK17, LC03, LM12, LZY+16, LSS94, MWQ+14, Mar86, MB01, MM10, MKH06, Mat89, MRV92, MPQ03, Meu05, MFI18, Miz99a, MM02, Mui92, NFK10, NK15, NSSA+14, NQQL13, Nis86, OFD17, OKF10, OPO13, OA17, OCCK14, Pal01, PMK18, PY00, PWY03, Par04, PKF14, PARMF14, Par87].

T [Che18, QMSG12]. T-Alloc [QMSG12]. T-S [Che18]. T3D [MPG96]. T3E [SCK+00]. Table [JL14, FCW01, LTC12, LPY+18, MWYC12].

tabling [DS00]. tacit [MED16]. tactics [BS96]. TAF [GKS05]. Tag [SJJ+17, DCS+07]. tailor [GVD+03].
tailorable [BvdV99]. tailored [RLR13].
Tailoring [GNT14]. tangent [GKS05].
Target [K89, HSY+17, LWX13, WFQ+10, ZBL+14].

targeting [PNH99, SBCF16]. Task [AEM10, BTM06, MVC+13, PCB09, SL11, ANA16, BFL99, CLRL17, CA13, CLC11, CiDS15, CXL+17, DLW07, DKV14, EMM12, FDP17, HPL09, IDM+16, JM10, JEB18, LSTM07, LCMX16, LPL+16, MVRM08, Nag16, NPP12, RS17a, SV16, SBHD08, TdPF+17, WKC+13, WP16, XAW+10, ZMT16, ZST08, ZCK+15, vKvWD+13]. task-based [JEB18].
task-farm [BFL99]. task-level [ZCK+15].
task-parallel [SBHD08].
Tasks [DFC+08, APAZ17, AEGF+01, BD3+10, CFS16, CA15b, GVA+16, GCS13, LHL09, LYM09, LGY+16, LG16b, MBLS11, Nag16, Nos98, Reh06, SHP+16, Ser98, TLL+11, WHW16, WL05, Wu16, ZCL+14].
Taverna [ABG17].
Taxonomies [SV15]. Taxonomy [ALK15, SYK+17, ATS14, BMK+14a, DC18, DJ13, ZST05a].
TC2 [BT93].
TCP [RMA+18].
TCKPT [KKJ10].
TCP [ABoL+03, ABoLL05, KJH10, WDD+14].
TCP/IP [KHJ10]. teaching [FGG03, SYT09]. team [UZ11]. teams [DBS14]. Technical [vdR86b, CdCD07, GHZW94, UNM+16, Yam89]. technique [AKM18, DC17, DD05, GSC11, HRJ+06, HMP04, KHWZ18, PCB99, RŽDM01, SMRM13, SLA+16, VS90, VM93, WCC14, WTS14, de 94]. Technische [Gra15, WRK+15, AD18, Aba06b, ACML05, AMI16, ATT96, AB95, ADK+09, CGN18, CY01, CTM006, Fuh98, Gra92, Hab05, HSC15, JYY+17, KZC04, MGV18, Mic07, NWE04, PB05, PdLS+09, SMS16, SV15, SKS17, SK12, TSBH11, VOCHC17, WKZ+03, WMX+17, WLB11, ZAP05, tTvH96].

Technische [Bun03]. Technological [dIFVPSHL+14, Aig86]. Technologies [BDF+16, DPDS14, DMSS97, Sim86, ZPPE17, BVG97, CPSRG14, DFRW17, Dub91, FM08, FR08, GVBG17, GM+S05, HJC10, HSS17, KPS18, KS17b, LLMP13, Mal01, Mal02, Mal05, Nag86a, PKC+05, RVC16b, RVC16a, Šk14, SJTG07, TMV+07, WCKW10, HMS15].

Technology [BBB+99, ChK11, ZZLRL18, Abe92, Ano84a, BLAV06, Car86, Dek86, DvdHdL06, DD07, GMA07, HCSW17, How91, Kaw92, KM01, KA88, LKM91, NTN86, NLN+16, Poh87, Ser95, WAD+89, vDDBB98, vdR86b, vdPGZ+16, ABMS05]. TEE [DJZ+15]. tele [RMM+98]. tele-immersive [RMM+98]. Telecom [BT93]. telecommunications [Car86, Mun04]. TeleEEG [De 98].

ten [WQQG15]. temedical [De 98, JSS+99, Mar98b, Mar99a, Pol99].
teledicine [EVo98, FvLTT98, FP03, Moc99, PK99].
telerhabilitation [AKG+17]. Telescience [LLH+03]. telescope [BFK02].
telescope-ready [BFK02]. tell [VPA+18].
temperature [MLGGGB+17, Tab06].
temperature-dependent [Tab06].
template [LTJK12, LZL+12]. Temporal [CPA14, GGMS18, APV17, FX07, HYCO4, KZCW13, LFL+17, OCW14, RMM+98, SSS17, WXPL17, WMBV17, XLZ+14, dB90].
temporary [LZL+17]. tenant [BPC+14, TCBP16]. tenant [EMJ+13, MDD15, PMLVLS+13, RB18, SWW+18, ZGB+17]. tenant-based [EMJ+13]. Tensor [CSV+12, DJPM18, EBOY14].
tensor-based [EBOY14]. Terabit [HRJ+06]. Teraflows [GGH+05]. TeraGrid [DK+06, VHML10]. Terascope [WSB+15, ZLD+03].

Terascope [ZLD+03]. Terastream [MWC+03]. TeraVision [SLDK03]. term [DLS+12, ECPF17b, HKG+16, MLL15].
terminals [Kam85]. terms [KMK+14, NB04].
terrain [OPO13, PFMC04]. Test [BP94, SAPA17, CszG+13, Cho04, GOM98, KLKL09a, Mal94, RRS99, RS94, WZCH17].
test-bed [RRS99]. testbed [KSW+13, MLC+11, MMF+05, SAM02, ZWP18, ABB+05].
Testing [GATC18, MFT+17, SZ12]. tests [CDF+05, PR95]. text [FMV14, Kio05, SLZ+09, WLLF16, XZ16, ZWWL18].
textual [CFM17]. texture [ZZN04].
theaters [KO11]. their [Ano86i, Car03, CMZ95, DRS04, IG07, PR95, PIKM02, PFS+13, SS13, VPA+18].
Thematic [Kaa99]. theorem [Sti93, UM02, WC06a]. theorem-proving [Sti93].
theoretic [DPL14, FJL+16, Hua10, JLM+17, JLCC12, KK14, L190, TSLC17, WWR16].

Theoretical [CSL18, BORM07, BRS04, GDRS04, ZZ15]. theories [WRBG94]. Theory [ASW11, CDFZ16, FEPC18, AY16, CP+17, DL03, Fer13, Ger02, JK92, MH01, MK03, NSHP88, PB02, PMP13, SH90, YMY+17, ZG+10, ZS10]. Theory-based [FEPC18, YMY+17]. therapy [GZZ+18].

Thermal [Tab06, DS04b, SSP17]. thermal-aware [SSP17]. thermo [Ned06].
thermo-visco-plastic [Ned06]. thin [DSD+11]. Things [AT18, CCLR18, GBMP13, LSD+17, PPM+18, CMP+17, LLMP13, AR18, AVPV17, AMPZ16, BA17, BRH18, BdDPP16, CDFW18, ESW+17, FTK17, FRM+18, GMLGB+17, GHKY18, GZW18, HHK+16, HNO+18, HSS17, JYY+17, LHO17, LYS18, LRBW17, MK17, MLGGB+17, MGN+16, MPLM18, OFD17, PTD+18, PLGMCdF18, PC18, RGN+18, RMSPP17, RACA18, RHVP17, SAGGB17, SDDG17, SCZ+14, TLSC17, WWX+17, YLVY15, YCT15, YAP16, ZPPE17, dFBP+17].

thinking [NLM+16]. third [CLM00, DDS+09, Pol98, SG11, Sin84, Bis96, CF09]. third-generation [DDS+09]. thoughts [KAW12, Mid01]. Thread [FD95, GS15, PAB+14]. threaded [MAC14]. threads [LAL+14]. Threat [CSY18, ALL+18, KAW12]. threatening [AFO+18]. threats [RLM18]. Three [EHT10, Wes99, FHG95b, LSD+17, Pal01, PPH+09, XSM04, ZZZ17].

Three-dimensional [Wes99, FHG95b, Pal01, XSM04, ZZZ17].

three-tier [LSD+17].

threshold [CYH04, HMW14, TYY04, ZJX+14].

threshold-based [HMW14]. throughput [CTG07, CGL08, HAF+16, PPMAM13, SCY+18, TSCN+16, YKK13, ZSX+15, ZBTC17]. thru [SYW17].

Thwarting [VS13].

Tibetan [NMC06].

ticket [XZZ+18]. tier [GDR+14, HGG+14, IDCSJ11, KIS11, LSD+17, LPD+13, SA07, SRN+18, TLYT05].

tier-aware [SRN+18]. tiers [LJ07]. tightly [BC15, Kun94].

TILE64 [LC14]. tiled [KWK16, PDK10, YDK11, KID+16]. tiling [vWMB14].

Tim [Her87].

Time [CWD+08, GBS10, JCMPPC+18, NRV+17, RMA+18, RMA+18, AOFQ15, AKG+17, ABP16, BKB11, BH03, BRR+04, BDHK06, BMP+16, CCLS09, Che14, CBK+17, CC00, DFL017, DT93, DGD+16, Dog99, Du94, GKM05, GYURVH14, GR96, GKW+12, GMDdFLC17, GGLW18, HU+11, HNCCJ13, HMP04, JL03, KAO9, KS0K3, KCK16, KLC05, KKP00, LF01, LFWV05, Li15, LG16b, LPL+16, LWW+16, LD04, MZH+17, MPCAF15, MKT09, MFT+17, MCG+15, NF13, NJ17, OKF10, OPT+17, Pal09, PKF14, PTD+18, P099, PN09, SHP+16, SS04, SD02, SST+06, SKF+09, SSL12, Sin92, SK12, SW02, Suy99, TSTZ14, TJJ+15, TF17, TSSRG17, VK09, Vau93, WLT+14, WQG15, WTM+17, WSH+16, Wu16, XY05, YNMD12, ZM1T16, ZS108, ZCK+15, ZFC17, ZFC18, ZSP17, WPJ16].

Time- [RMA+18].

Time-based [JCMPPC+18]. time-constrained [SSL12].

time-constrained [LSP+16].

time-dependent [Dua94].

time-invariant [GMDdFPLC17].

time-out [KSA0K3].

time-recordable [LWW+16].

time-scale [JL03].

time-series [LFW05, MFT+17].

time-shared [CCLS09].

time-varying [BH03, Li15].

time/cost [KCK16].

time/cost-constrained [KCK16].

Timed [BP13, Pap05, PIK02].

timely [Q18].

times [BB13, CLRL17, JLL17, RNJK09, SPSP17].

TIN [TG04].

TIRIAC [NJ16].

Titan [LM90b].

Titan-2 [LM90b].

TOA [HXY13].

today [MK16a, MK16b].

TODS [ZJW04].

Toile [BBG+05].

token [Ciu10a, Ciu10b].

tokens [CJ+18, GSD+09].

TOLA [SZD+17].

Tolerance [PCB99, CD070, DSS07, GDVC10, LSTV07, MC04, NK16, Sar02, SG05].

tolerant [AMH02, AFB+99, AF10, BCh+08, CCL11, DZZ+15, DBH02, DK14, FDO2, GCV+14, KLO2, LCBF13, LHB05, LAM07, LS01, LYW+16, LS08, PWY03, PIP18a, SPR+10, THK98, Xia06].

tomography [FGCM07].

tomorrow [MK16a, MK16b, vdR87].

Tony [Her87].

Tool [LLSR02, BGMLS17, DMR93, FS07].
FTH16, Ham17, KZLK06, LWHC07, MCG+15, NS17b, OS92, Reu03a, WSS+09, WBF08, WYN+90. toolkit [CN92, HAE+03, HBJ+03, IJLC03, LWHS07, SAMN02, MFE+08]. toolkits [YPF05].

Tools [CBS17, KV03, TBK+10, TA96, WRK+15, ACU95, BR92, BSG+05, BRNR15, CAC+10, GM+12, GD93b, KKVdB+17, MCSS00, TC06, Wal86].


tracker [MK+818]. tracking [FAMA+17, JHC+18, LWX13, SLK17, WWTF18, YYD+14, ZBL+14]. tracking-based [JHC+18]. Trade [DGGC+17, KNK+08, DMM+14, GBS10, PMBS14]. Trade-off [DGGC+17, GBS10, PMBS14]. Trade-offs [KNK+08, DMM+14]. traded [VPT+10].

tradeoffs [KAE+18]. trading [Che14, GFW+18, HQ07, MVG+14, RT16].

traditional [KC98, QMSG12]. Traffic [AT18, DK17, Md01, RN01, RG+01, SWN01, VN01, ADOKM06, AS02, BMK+14b, CG09, Che13a, FTK+14, FAMA+17, HZL18, JH16, KXS+16, KBdLG18, LSL+15, LLZ+18, LOK09, MRS18, Tur18, VVC+03, WLZ+16, ZCS+16, ZYK+17, ZJW+14]. traffic-aware [BMK+14b]. traffic-indexed [LSL+15]. Traffic-sensitive [DK17]. training [BLB03, EKB00, Gra01, Han03, IMKB89, RS98, dLB10]. Trajectory [WMBV17, DHW+17, FAJP99, KXS+16, SOR05].

Transaction [Joh92, KJI11, KV+18, LGW+17].

Transactional [WZ13, GAYTC18, LAL+14]. transactions [DR15, LAL+14]. transatlantic [AbDL+03, AbdLL05, MMFM+05, RRS99]. transbronchial [BDS+10]. transcoding [GFR+06]. transcript [STP+05].

transcription [MMF16]. transcripts [KESl02]. Transfer [NMZC06, BBD+99, HKU+11, KJH10, KKL09b, KMCH03, KB16, LRYJ17, LSD11, MFI18, OS06, RSK16, RACA18, RLL+17, TZST14].

transferability [CLM+14a]. transfers [LB+18, DPBK16, MWPVB12]. transform [BWR12, BW13]. Transformation [BCL88, HQZH14, LXL+16, MK95, RM97]. transformations [DV03, LTZ15, UM02].


transitions [DCK03, Fre94, KL(05, PM14]. Translation [Ama86, ABF+15a, Mur86, Nag86b, NTSN86, NT86, Sim86, Uch86].

Transmission [KESl17, BWR12, HJPS03, KY85, PZA18, PWXM17, SKF+09, VS04, YWL+17].

transmissions [HSP+13]. transmit [HJK+04]. transonic [GL95]. Transparent [MSI+12, CWD+08, DW11, GTRM17, KKKJ10, MGLPP13, ZWW+14, vKvW1+13].

Transport [HDC+94, AS02, CM99, JHL+06, MKH06]. Transportation [GCD+18, NWL17, RN04].

transporting [CHJS+10]. transputer [CFG93, Dui89, LS+94, MSLP93, mMN95].
transputer-based [mM95].
trapezoidation [LD04]. Trapper [SKF95].
treatment [Van87b, vdR87l]. Traveling
[SMI01, VAS95]. treatment [GP11, Mac89].
Tree [LM07, BWR12, BW13, CD16, CH10,
CLY14, GOBL16, HHXL13, KMI11, LLZ07,
SHLB08, ZQZZ09, HCNT14, KK11].
Tree-based [LM07]. Tree-Rule [HCNT14].
tree-verified [HHXL13]. Treecode [Pri95].
Trees [SRSV88, AW97, CLR16, CY12,
Luk89, PMK18, SLO*05b, WLBO0]. trend
[PLA18]. trending [HO17]. Trends
[Her91, Sas85, WG91, AVPV17, AMB03,
Ano87m, Bal91b, CRM05, GMS09,
GMP+18, Nag86b, TKR+15, VB18, W11].
trial [KMCH03]. triangles [BR+04].
triangular [vdS04]. triangulation
[XSM04]. Trident [SB11]. tridiagonal
[BG05, HM98]. triggered [KID+16]. trip
[MG11]. triplet [Tul04]. TRIPOD [Pip10]. Triva
[SHN10]. Trojan [CLK11]. tropical
[VBL09]. trouble [XXZ+18].
troubleshooting [Tak89a]. TrueID
[HCL+17]. truly [HNS05]. TruSMS
[CYZK15]. Trust
[AWYJ16, ABTA18, ECPF17b, SS17,
WCVL12, YDNV16, ACL+18, AhdfJ97,
AM10, CYZK15, DSS07, GvdBd15,
JW1414, KZA+18, MML+18, MG16,
MPR+16, NV11, NJ16, SCL14, TDLC17,
TAHS14, TY11, WW11, ZYK17, TY11].
trust-aware [MPR+16]. trust-based
[MML+18]. trust-driven [NJ16]. trustable
[CCCT14]. Trusted
[BCP18, Pol98, SK97, XZ11, CW16,
CLM00, DCL00, HLNM11, JW1414, KF00,
NV11, WW11, ZZL+10, ZZQ+13]. Trusting
[Lee12]. Trustworthiness
[ABTA18, SZ12, CFGM16, HSH+07, SS17].
Trustworthy [DLMS15, YLGY15, CYZK15].
truthful [DWJM18]. TTN [BBB+99].
TTPs [Polo9]. tube [HvHAS04]. tumour
[Tul04]. tumour [KMB+17, SUD+98].
tuning [FMS08b, RSJ+14, Tao10, TCC11,
WVC05, WLH16]. turbulence [NEJP94].
turbulent [GL95, Kni89, VWCV94].
Turing [DDL01]. Turing-like [DDL01].
turnaround [CRTN17]. TV [LCH+11].
Twister4Azure [GZWQ13]. Twitter
[BOHCC17, CWZ+17]. Two [AB95, Dst14,
GJS+94, JL1+13, KI89, R89b, TTB+13,
YG18, YDNV16, AWN+13, BP02, CHS11,
CCD+10, DS04b, GS13, HMO8, LM90b,
MTD18, PBHK01, PM14, QPTGG+12,
SA07, Ser98, SML+17, TJ18, UM02,
WWX+17, YPK12, BBSV92, Mur86].
two-agent [WWX+17]. two-dimensional
[BP02, D804b, PM14, SML+17, YPK12].
two-layer [PBHK01, TJ18]. Two-level
[JL1+13, R89b, CCD+10, MTD18,
QPTGG+12]. Two-phase [Mur86].
two-processor [Ser98]. two-tier [SA07].
Two-way [YG18, HM98]. TXOP [HMW14].
type [BV04, Cie04, Li90]. type-theoretic
[Li90]. typed [BM00]. types [SW17].
Typing [Goo02].

u [Kim14]. u-healthcare [Kim14]. U.K.
[An84a]. U.S. [An84h, Smi86, WAD+89].
U.S.A. [An84i, BS84]. Ubiquitous
[ADALZ14, YGS16, ADLW12, CFPC17,
Loc12, O14, Pal13, PPB16, VFB14,
WZC08, WQ14]. UCLP
[JHL+06]. UCLP-enabled
[JHL+06]. UDP
[CHJS+10, LBM18]. UDT [GHH+05]. UK
[HT02]. ultra [LRJ+06, PDW+11, VBL09].
ultra-fast [VBL09]. ultra-high-definition
[LRJ+06]. ultra-high-definition
[LRJ+06]. ultra-high-resolution
[PDW+11]. Uncertain
[BN17, CLM14b, LY17]. uncertainty
[An86j, DM12, FB93, LPBB16, SPF86,
TM05, ZMJ+06]. uncompressed
[HKU+11, SKF+09]. undergraduates
[BLB03]. understand [Eng14].
Understanding [CRE01, LG16a, SEM]11,
Ano85g, DM12, LMM+14, SJTG07].
underutilized [KHG13]. underwater [LSZ+16]. underwriting [Kom89a].
unexpected [SCB04]. Unfolding [DFL017, DCK03, SSLF+10].
unification [BBH18]. Unified [MWMA10, DJ13, HNQ+18, OFO+99, 
dOWdAS+18, WG13]. uniform [AS99, BMS05, CJ14, KLC05, LOK09, 
MZD+16, Van92]. Unifying [XTFZ16, VP94]. union [HXWW18]. unit 
PAB+14. United [Wii84]. Universal [RACA18, ADK06, Bur02]. Universität 
[Bun03]. University [Ano86i, Ano87b, Ano87c, Ano87l, BLB03, 
CGL92, CGL94]. Unobtrusive [AKM18]. unpredictable [ACBM15]. Unsteady 
[HvHAS04]. Unstructured [LF95a, AR15, CH95, WW13, vdS04].
unsupervised [FGM11], unsymmetric [SG04]. untraceability [YHL16].
unwanted [ZYK17]. up-to-date [Din99]. UPC [EGCY+06]. Update 
[GD95, FS18, LTC12, LYY+18, PWMX17, ZCL+18, ZWJ04]. Update-Based [GD95].
updates [LPY+18]. Updating [QCY17].
Upgrading [WWC+97]. Uploading [CSQ17]. upstream [WLP10]. Urban 
[KXS+16, BA17, GACM17, Tur18]. Urgent 
[BKB18b, BBWB+18, KN+18, KKS+18a, LPK17, LPK18]. USA [vdR86b]. usability 
[APRC16, GMB+05]. Usage 
[CDL+16, EH10, FDO2, JOPW14, MM10, 
MWMA10, PGW09, RGAT18]. USB [CLK11]. USB-based [CLK11]. Use 
[CTMO06, MCR+16, Niw89, Pip10, AR18, 
BSE+13, BKL01, CGCB+12, HHSW92, 
JSK+06, JNP06, Joo00, KMZJ16, LNJ04, 
MJ00, Ser98, VHML11, VFHB14, VM93, 
vdPGZ+16]. USEE [MZD+16]. useful 
[CN98]. User 
[Gra92, PNZ14, dNE05, vKvWD+13, 
ABZK15, ACL+18, AMB03, BvdV99, BFL99, 
BDWM17, CFGM16, CHS11, DDRR96, 
DLLZ17, DGGH11, DMM+18, DYC+18, 
DGl15, EKGS14, FK11, FTK17, FTD17, 
HCL+17, JRI+11, KZA+18, Kam85, KJ11, 
KID+16, KV09, KMK09, KBB+09, KGLY18, 
KLW+16, LJY10, LH13b, LHL03, LW+12b, 
LLG18, LASL16, MSK03, MLBS11, 
OAM18, PLA18, PARMF14, PQBP17, 
PIA18a, PDW+11, QGT+18, RSD02, 
RRA+18, RRH16, SBCF16, SCN+14, Tak89b, 
WTG+14, WMQ+16, YAO14, YHL16, 
ZDL+13, ZLZ13, dACNC16, GFR+06].
user-centred [AMB03]. user-centric 
[ACL+18, DMM+18, DGl15, PIP18a, 
QGT+18]. user-defined [KJ11].
user-generated [DGGH11]. user-level 
[KMK09, MLBS11, ZLZ13].
user-orientated [ZDL+13]. user-oriented 
[BvdV99]. USERNET [KGLA85]. users 
[CD92+18, IG12, JBR+16, K08, Lok12, 
OS92, SCH+17, YD18]. uses [Ano86i].
Using [AC92, AhdJF97, BB06, BCG05, 
CGM+07, Che13b, CdsS15, CCHW03, 
CS97, Dal03, DvdHdL06, DBS14, Eng14, 
FDGR14, FR08, GMDPPLC17, HGM15, 
HLS06, IJLC03, KGdL11, KKL11, LTN10, 
LDS06, LHF+15, MRV92, OAM18, 
Pgw09, PBB+05, RMSPP17, RWV+13, 
Reu03b, RMCD12, RV95, RS98, SK07, 
STC15, SCS04, SLT05, VFHB14, ZBF14, 
tTvH96, vDDBB98, vdHDT+06, AD18, 
AFO+18, Ad114, AAO14, ATF11, ABB+03, 
ACE02, AIB+18, AKM18, AKW90b, 
AKW09a, ABL04, AEM10, AY16, BA17, 
BDE17, BG12, Ba91a, BDP11a, BGI14, 
BYL+18, BvdHN+01, BRR+04, BBC+12, 
BKSS02, BRMN04, BG05, BMK+14b, 
Bic05a, BMP+16, BK06, CMX+16, CWD04, 
CSJN05, CSdCM+17, CHJS+10, CHSA18, 
CY12, CPK05, CH10, CFL+15, CLY14, 
CHS11, CWJ16, Che18, COC10, CJK+18, 
CGSZ95, CFG93, CSQ17, DNJG17, 
DMM14, DNP14, ECPF17b, FC05, FLT17].
using [FJA\textsuperscript{+}18, FC09, FAMA\textsuperscript{+}17, FFPS10, FCD\textsuperscript{+}14, GBY16, Gi94, GVA\textsuperscript{+}16, GCV\textsuperscript{+}14, GXS\textsuperscript{+}09, GD03b, GGH\textsuperscript{+}03, GGSZ09, GM11, GZWQ13, HWS07, H03, H0V\textsuperscript{+}17, HUMA\textsuperscript{+}18, HCNT14, HBH09, HNQ\textsuperscript{+}18, HQ07, HZW10, HXY13, HBN\textsuperscript{+}13, HAB\textsuperscript{+}06, HKP10, IDM\textsuperscript{+}16, Id1R01, JDF09, J1H\textsuperscript{+}16, JHC\textsuperscript{+}18, JL14, JNR12, KZL06, KHG13, KMB\textsuperscript{+}17, KLM\textsuperscript{+}03, KMI11, KKYK04, KKP\textsuperscript{+}05, KKL09b, KADJ14, KBdL18, KVHT10, KCH\textsuperscript{+}13, KS18b, KLM\textsuperscript{+}16, LC17, LCP04, LL04b, LQK\textsuperscript{+}16, LY17, LY18, LYJ10, LZXW13, LXL\textsuperscript{+}17, LJ18, LD17, LH13b, LOJ\textsuperscript{+}07, LCF11, Lin18, LLWN04, LYT\textsuperscript{+}05, LAH10, LSD11, LLGY18, LLZ\textsuperscript{+}18, LW\textsuperscript{+}16, KTC14, LnK89, LTZ15, MLI15, MSS\textsuperscript{+}13, MJM\textsuperscript{+}16, MK17, MCSS00, MVG18, MJ98, MSBA16, MRH17, MC04, MK11, MDD15, MGPPP13, NKK09, NIS14, NCS04, PSZL18, PA01a, Pap05, Pri05, PRW14, PDDS10, QGT\textsuperscript{+}18, RdSH\textsuperscript{+}00, RLP12, RTHB17, RSK16, RS16, RGC\textsuperscript{+}10].

v [vdR87c]. v1.1 [MCF\textsuperscript{+}11]. V2 [CCL11]. vaccination [BOHCC17]. Vadera [vdR87j]. vague [vdR87k]. Validating [LYT\textsuperscript{+}05]. validation [Hol93]. validations [DC17]. Value

[BT17, HA16, BH03, GAYTC18, VVB11]. value-based [VVB11]. valued [MZ1\textsuperscript{+}17].


[BB13, CPK05]. various [JOPW14]. Varrier [PSG\textsuperscript{+}06]. varying [BH03, Li15]. vascular [ZS05b]. vault

[KHMB13, RHI\textsuperscript{+}16]. VCPU [WCC\textsuperscript{+}16]. VDB [YWF\textsuperscript{+}10]. VDC [SLB\textsuperscript{+}17]. VDM

[BHH91, BHH92]. VE [DBA98]. Vector [LFWV05, V5vD95, CYL14, HBCR01, HAA\textsuperscript{+}16, KCK04, PM04, PDL5\textsuperscript{+}09, ZZ15, ZWL\textsuperscript{+}16]. Vectorization [VM04].

vectorized [LN94]. vectors [BB04]. vehicle

[BBC\textsuperscript{+}99, DOV01, HCD\textsuperscript{+}94, OVDV98]. Vehicular [KIMR15, BK16, SGGR\textsuperscript{+}16, VCD\textsuperscript{+}18, WLZ\textsuperscript{+}16, LW\textsuperscript{+}16].

vein

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