A Complete Bibliography of Publications in Future Generation Computer Systems

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05 February 2019
Version 2.75

Title word cross-reference

$(L, \alpha)$ [SLW11]. 10 [ABB+03]. 16 [Goo01]. 2
[AKB18b, CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]. 3
[AKB18b, CPD+15, CH95, DJH+19, EMB98, EdBG+99, IdLR01, JHL+06, KCK04, Kni89, KA88, MJ98, MJ06, RICW00, SGL99, SHN10, VF18, WKF03, XYZ05, XJY+18, YMM00]. 4 [Avg00, DMM+99]. $47.50$
[Teb86]. 5 [AT19a, DPK+19]. 80/20
[MRH17]. + [PYH+18]. 2
[LG08, OSCY93, WWT+16, ZY04]. 3
[LHM14]. mv [DGS09]. 3 [TMDZ15]. D
[PP06, SW02]. $D_2$ [DRS04]. diam log(diam)
[SW02]. $\ell_1$ [Tre03]. $\epsilon$ [GPS13]. $K$
[LYZ+19, PLL+18, ZZZ14, CCJ16, MLW+18a, PSLZ18, PAN95b, SAKOK03, STA17a, TDBR18]. $\lambda$ [LIJ04]. $M$ [YH18]. $\Lambda V S P A$ [BGC+03]. $\mu$ [JD94]. $N$
[Ref87, RW18, SvAS01, ZXM+19, CFL+18, Pan95b, SAKOK03]. $Q$ [CLL+18a]. $R$
[CPK05]. $R^2$ [TY11]. $T^2K^2$ [TDBR18].
$T^2K^2D^2$ [TDBR18]. $\tau$ [RGDML16]. $u$
[HZM14].

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

-ary [Pan95b, SAKOK03]. -aware
[LWS+12]. -based [YZ12, TMDZ15]. -body
[SvAS01]. -constraint [GPS13]. -core
[PSLZ18, PLL+18]. -cube [Pan95b]. -cubes
[SAKOK03]. -D
[VF18, Kni89, KA88, RBS93]. -dimensional
[CFL+18, SW02]. -diversity [SLW11].
-Expression [Ref87], -fuzzifying [YH18].
-gram [ZXM+19], -Learning [CLL+18a].

.NET [AW03].

06 [Igl07]. 0th [RCMT18].


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


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


72 [HYS18]. 7th [BGL08].

84 [Ano84e]. `85 [Ano85a]. `86 [Ano87j]. 860 [FHG95a, FHG95b]. 88 [NDZ+18a, NDZ+19]. 8K [KSK+11].

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

AAA [GdLvOT03, KKK07, MLM16]. AAA-based [MLM16]. Aachen [BLB03]. aaService [GMP+17]. ABC [JFZL17, XLW+17]. ABE [HQZH14, ZSW+18b]. ability [PIKM02]. Abnormal [LSL+15, CXZC18, RJN+19, WLZ+14, ZCZ+18]. abnormality [GRS+19]. absolute [HKP10]. Abstract [CPB00, DHS00b, GGC17, Ném00, AC92, BM00, DDV92, DHS00a, DK00, FTD17, WG00, d390]. abstracted [AAD+13]. abstraction [AFS16, KSM+07a, KSM+07b, MRV01]. abstractions [Kea99]. abuse [JSMG18, QRW+18]. AC [HMW14]. Academic [Teb86, vdR87f, vdR87i]. accelerate [RGCL18]. accelerated [HSP+13, LZX16]. Accelerating [FRB+14, VBL09, KKL11]. acceleration [ABF+15a, HZDS19, VF01]. Acceptance [SAPA17]. Access [BL13, BX04, DCMB15, HRR+14, WZC08, AS99, ASAA18, ABF+03, AMHJ10, BR18, BCW01, CCC98, CJK+18, CCM+14, CdRdCB19, DW11, DAM08, DLDTMMP16, Dog09, FNA11, FX07, FS18, FSM+18b, GHMX10, HZL18a, HLCL16, KRD+19, KIS11, LLMP13, LZXW13, LHO17, LLW+18a, LHC03, LZLL18b, MAC14, MYHZ18, MYBM18, MLM16, Mer13, NRV+17, NJ16, NA19, PFRC16, PSVL02, PH07, QGT+18, QCX18, SMSF18, Sin07, SCL14, SYK+17, SZR18, VPP+19, Wah84, Wal86, WC06b, WC06a, Wan18a, WG13, YXZG18a, YAX+18, ZZ15, ZCL+18, ZDW+16, ZFH+18, ZSL+19, ZMN99]. accessibility [DFG+00, RMSPP17]. Accessing [CLH10, YSC+15, YCY10]. accident [MCA02, PW+18]. account
[WNR19]. accountability [HCL+17]. accountable [Wan18b, XX14]. accounting [BBC+12, PGPW09, SRG+03]. accounts [LZP+18]. Accurate [TMB+19, BBL+05, FZT+18, FWB13a, FWB13b, IDM+16, KSAOK08, MAPA19, NS17b, WN10]. Accurately [CPSD18]. ACEIS [GACM17]. achieve [CWD04]. achievements [Ano87, Nis93]. Achieving [DW11, GE90, JLC18, KHG13, LSLS05, TSWL17, VPP+19, XX14, ZZX+19, HRJ+06, NJHT11, WCL+17a, WHS+18].

ACID [KJI11]. Acknowledgement [Ano07, Ano08, Ano10, Ano11a, Ano12a]. ACM [BGL08, KZ17]. ACO [GPJC17]. ACO-based [GPJC17]. Acoustic [KKW+18, CJG+18, FZW+18, HAAWH+18, HST+18, TSD18, WCB+18, WTP+13].

acquaintance [RQN+19]. acquisition [BDZ13, XYLZ18]. across [BCPS03, CTVB12, LZP+18, LLM+16, LSMVML13, PBC+01, SG17, SFR15, Sin07, TMMVL12, UNM+16, WTR+13, ZHZ+16, dfVFPShL+14, SMSF18].

action [Cad86, GdBW06, KFP+02, vVDBB98]. actions [ABG18]. Activated [SHJ06]. activation [SSZ+17, ZBL+14]. Active [BBG+05, CKK+04, KMI11, SFR15, STC15, BGL+05, FGG13, HC99, LQK+16, MTK00, XFL16].

ActiveSort [LQK+16]. activities [TMB+19, dfVFPShL+14, vdR87].

Activity [TCCW19, BDE17, CHWW13, CZXL18, GMP+17, HUMA18, HLT+18, HMMW19, MSS+13, OCW14, dSGD13, GMP+17].


adaptability [HRVW18, MC04]. adaptable [GL04b, MSEA19, PMLVLS+13]. adaptation [AKM18, CLNR18, FTD17, FA11b, PWB+13, PSBB15, REU03a, TJ18, SHG+08].

adapted [JL10]. adapter [LZL+16].

Adapting [AG05, SPR+10, SJ12, JLS18]. Adaption [SL+09, FM01]. Adaptive [Ab0a06a, AF93, AS14, BML18, CJG+18, DP17, EP12, FN00, GRH05, IDCJ11, LJJ+17, MCIJ19, MBS13, MBD+18b, MYK16, NP03, PIP18a, QPTGG+12, RT16, TPBS14, UGBM+17, WAL18a, YM13, B0a09, AS02, AE18, BMRW01, C1Z+15, CQW+19, CST92, CP+15, CFMC19, CLL18b, CS05, CXC+18, Cho04, CB10, DZ04, DST10, DFG+19, DFDW17, DHL18, DLS+12, ESW+17, EKGS14, FTH16, HGG+14, HAP15, HWZL08, HXC+18, HJK+04, IKL12, JNR12, JSZ+19, KKB14, KJI11, KSAOK03, KSAOK08, KK10b, KS18c, KU01, Lpc12, LHM14, LSTV07, LSL+18, LW18b, LK17, MdFTGM19, MJRM16, MAA+19, NWE04, NDZ+18a, NDZ+18b, NDZ+19, NQQL13, PdAF12, PZN14, PBB16, RSR01, SGM18, SLW01, SYL18, TJZ+15, TSK03, VR05, WCF+15, WZX+18b, XLL+14, XWRZ19, YP12, YDD+18, ZC+15, ZBL+14, ZAC+18, vWMS14].

Adaptively [YPCK12, CLH10, JW+14]. adaptivity [SOR05].

Addison [Zem86, vdR87g].

Addison-Wesley [vdR87g]. address [ABF+15a, DL00, GFD14, SVC+07].

addressable [De 88]. Addressing [HNCJ13, ZL12, BFS+17a, BFS+17b, DvdHdL06]. adequacy [CMS+18]. ADIC [HNS05]. Adjoint [GK05, HHJG05].

adjusting [Lea13, YYW+09]. adjustment [HPLL09, LN104, TJ18].

ADL [Bae14].

administration [MSLP93]. administrator [HY09]. admisible [QPTGG+12].

admission [Che13a, IS18, KLM+03, MWPVB12, SMA08].

adoption
[CKR16, NZOCJ+19]. adult [WN19].

adults [CAS+18]. Advance
[CJK+18, DVB14, CFG+05, ET08, TCCC11].

Advanced
[BRB19, CSY18, DO15, GCCPGBS10, Gil85b, PPB16, PZY16, PZY17, SZGBc04, VLAC+13, ZZLR18, ADT03, ALL+18, Ben99, Cuz14, DFRW17, GHP+18, Hab05, KKL09a, Mam09, MLC+11, MVG18, MFL18, NHG02, NHG03, RRH16, WdL16, YCH19, Ano84a, CMZ95, EGK+07, VOV17].

Advances [CLCY18, DPDS14, FBS18, KGVW14, Pal16, TCG14, WQ14, ADLW12, BB12, CSC18, HMS15, KA13, MGL+18, YHA+19, ZCYZ18, vdR87b, vdR87a].

advancing [GDP+18]. Advantages [SW17].

Advertisement [Ano05c, AMHJ10].

Advertisements [BCMM18, NK18].

advisor [CRTN17]. advisory [BDE17].

aerodynamic [BBC+99, LKG08]. aerosol [XAW+10]. Aerospace
[LPC+95, Mur95, Pet89]. AES [FAA+18].

AFCET [Ano85a]. AFCET-Informatique
[Ano85a]. affairs [LLW+18b]. affect
[PKA19]. affect-related [PKA19].

Affective
[AW19, NPH19, XFM16, FGW+19, LCC19, LJ19, NKB19, QLM+18, SA19]. affinities [HAF+16]. AFIRM [MDB+18b]. AFT
[PIP18a]. after [BORM07].

Against
[SCH+17, IDKD19, JLI14, JCL+15, JSMG18, KIAD17, KdGP+19, NNC+19, QRW+18, WLYL11, XWRZ19]. Age [TBS+18].

Age-related [TBS+18]. agency [NTN86].

Agent
[FR08, TA96, BDP11a, Bar11, BGMLS17, CTT+08b, COC10, FCY18, GJKP18, GGS13, HB08, HKG+16, KMB+17, KVK+18, Kim14, KB16, LBD18, LJ17b, LL03, MJ00, NWE04, PSA+09, SSG17, WWX+17, WXZL11, WWZ18, FM08, Gra92, LWHS07, NMC05].

agent-based [BDP11a, BGMLS17, CTT+08b, FCY18, GGS13, HB08, HKG+16, KVK+18, LBD18, MJ00, NMC05]. Agents
[KSS11, AMH02, ADH+16, CWD04, CSJN05, ESPP01, GW003, HG07, KRLR01, KFBKD14, LCZR12, PBV+13, Sch00, SMS14a, UTT00, VRGR16, YP12, BMS05, WLB00].

Aggregate [CFP+19, GLB+18, JSC+15, LLL+18, Wan19, YFY+13].

Aggregated [IIK+18, KYB+19, RGC+10].

generates [NCS04]. Aggregating
[SB17b, HQ10]. aggregation
[BMZ10, CLR16, CJK+18, DLS+12, ECPF17b, FRZ19, KLP19, KV12, LCBF13, LLQS14, PVSS17, RBLvM14, TAS+18, WWDF18, ZGL19, ZHZ+18].

aggregation-capable [PVSS17].

generator [LLQS14]. agile [LG18]. agility
[FLR+16]. agility-oriented [FLR+16].

Aging [FPR18, DLZ+14]. Aging-related [FPR18]. AGRA
[CES+19]. agree
[CAC+15]. Agreement
[LYW+16, PB18, AQRH+18, APK+18, IOV+18, KLW+16, LM07, LKA+08, MLC+18a, MJRM16, ODK+17, PRS12, RZ16, YKL+07].

Agreement-based [PB18]. agreements
[BSCC06, LJW08]. Agricultural
[LL18, CZH+18, HPZL18, LBJ+18].

agriculture [APK+18, BNJ16, KH89].

ahead [Eng14, WYBS11]. AHP
[ABMMC18].

ai
[Pud87, CES+19, Fuc93, Lau92, MJ00, Oku92, Poh87, QLM+18, TC92].

AI-augmented
[CES+19]. AI-based
[Lau92]. AI-enabled
[QLM+18].

Aided
[drSBH94, LYL15, MGA+18]. AIME
[QLM+18]. air
[LLN+18, ZWX+18].

air-land
[LLN+18]. airborne
[HYCS04].

aircraft
[TYWZ18].

airfoil
[BBL+05, GKS05]. Airport
[RdhSH+00].

AIV
[AFPQ91, AFP+92].

AKL
[HJP92].

al. [RLM18].

Albatross
[KBM+92]. alert
[NJKH13, SSB13].

alerting
[RLM18]. alerts
[RLM18].

alerts
[RLM18].
[ABF93, MPI+18, TA18, TKA18b, VSvD95, Aba06a, ABMESM18, AHEM17, AA18, ATF11, AIA+18b, AS18a, AY16, Bag11, BZMY10, BMT12, CPDJ13, CLR17, CZY+18, CZL+18a, CLZ18, CCL09, C1J9, Che18, CWJ+18a, CGS18, CCC19, CHY+18, CMZ+18, CZL+18b, DQXW19, D504c, EAA16, ESFD06, EA17, FLT17, GKI05, Ge02, GPS+17, HZC+08, HPZL18, HLL18, HEES19, HSH98, HXWW18, HLL+17, HM98, HBN18, HZL18, IS18, ISS+15, JCFB18, JM101, KHM13, KB18, Kim18, KKL19, KKS18b, LC17, LPC04, LKL07, LLYQ06, LCL+16, LHZ+16, LGY+16, LLJ18, LZY+19, LC15, LWH+18, LLWN04, LLL07, LAH10, LXXG12, LWZ18, LSL18, LW18b, LD04, LZWF19, MWL18a, MNV12, MHC14, MLC18b, Mar02, MP02, MAC17, MGA+18, MA+19, MV800, MFT+17, MCA18, MRN19, NP06, NPP12, NWL17, OVD98, OB19, PCl18a, Par04, PKF14, PRC+14, QCY+19, QMSG12, RGAT18, RS17a].

Algorithm
[RICW00, SR12, SGRT19, SOD18, SPD+19, SK04, Sho03, SMA08, SCK+00, S098, SVB07, SYAL13, SLB+17, SJL+18, TDFZ18, TLL+11, TJJ+15, TZZL18, TMT+07, TWW+18, TDP+17, VapidP12, VPLT+15, VAS95, VPN+18, WYBS11, WCL+17b, WJZ+17, WDD18, WWZ18, WNR19, WZ18, WLA17a, WLA18a, WCC14, WWZ18, XY15, XRPT18, XHL+19, YWCC18, YHL+19, YZW18, YSSW18, YPJ19, YRD+18, ZRZL18, ZWL13, ZBL+14, ZRZ+14, ZL18, Zin18, ST11, SM01].

Algorithmic [CCG07, GTEL+18, AB18a, Hab05, WM14, Yos89].

Algorithms [ABMS05, Ber06, CCMGF18, DHD89, MJDN15, RGCCl18, AN13, ACWJ19, AT01, AGKZ18, AB16, BPS06, CLCMG+18, CGM+18, CFG93, CSQl17, Cuz14, DE03, DP03a, DQ97, DRNMC09, Din99, Dog09, DMW04, DBT00, DDS00, ET08, ESPN17, EP13, FK12, FGM11, Fio06, FM10a, GRH05, GJS+94, GOMD98, GA06, HLVL+97, HKS18, HZ10, HV03, JS89, JOS19, Kha12, KKP+05, KGT15, KVHT10, LR01, LLC11, LCW+18, LKG08, LCO1, MCA+18, Mer17, MVCC10, NAD+18, SF19, SC16, SG13, ST99, TTYT05, VSL18, WQ10, WWT+16, XWJ+16, XLW+17, YJA03, YFY+13, ZG19, ZLG+14, ZAC+18, LOJ+07].

alias [MWC12]. ALICE [PC+FP+17].

Aligning [SBL14].

Alignment
[MFE+08, CS05, KKVBD17, KSM+07b, KSM+07b, Sch01, YD05].

all-by-all
[BORM07].

all-optical [Pal06].

all-to-all
[ZTKF17]. alleviate [DV13].

Allocate [QMSG12]. allocate [LLF+18a].

Allocating [MDD15].

Allocation [DFC+08, DXL+18, AOIS10, BAB12, BCDP12, dCCDF05, DV14, DVL12, DEG+17, EM1+13, FDRP17, FEPC18, HM17, HDDLW13, HLL+17, HPLL08, IAL10, JSS+12, IMAG19, KOT18, KK+14, KAI19, LN13, LPK17, LPK18, LL04c, LWD+14, LLZ+18b, LSL+18, NCS12, PSp16, PdASM18, PPL+15, QMSG12, QPTGG+12, SPD+19, SCMS12, TTH15, TS11, VDPH09, Vau93, WCW18, WY17, WCC14, WWZ18, XY15, XRPT18, XHL+19, YWCC18, YHL+19, YZW18, YSSW18, YPJ19, YRD+18, ZRZL18, ZWL13, ZBL+14, ZRZ+14, ZL18, Zin18, ST11, SM01].

allocations [SMS14b]. allowing [VRGR16].

almost [LD04]. along [DFLO17].

alternating [SMS14b]. Alternative
[BDL06, DFT92].

Alveolar
[YGS16, CRC+19, FKT14, MLGGB+17, NPH19, OdI14, TF17, VRGR16].

Ambient
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Ambulance [KKS+18a]. AMD [DRC+19].

Ameboid
[Len01]. among
[ELvD+96, GSY+17, LLF+18a, SAGGB17, SCZ+19, dFPFG19].

Amphibious [Ole07].

Amount
[PCB99].

AMPC [CCHW03]. amplified [SLDK03].
AMROEBA [MYOC06]. Amsterdam [vDR75c, vDR75e, Ano86i, Ano87a, Ano87c, Ano87i, Baa87], [analyse][WAA19].

analyse [Bel16], analyses [AtDC16, GCBM17, JHC10, OdiO13, SBA17].

Analyzing [BDP11a, WTP13]. Analysis [AM17, BBC17, CMEA19, KVR15, KCH13, KKA18, Lt15, LRYJ17, MCA18, MG16, SAOK03, SGY07, SB11, WTG14, ASV13, ASO2, AB18a, ABB03, AMW09, ABG17, ASYF18, ABK04, AGKZ18, ATX13, AEME18, BCT07, BPP07, BSRR18, BC13, Bo19, BPS03, CSV12, CA15a, CP06, CCRV13, CFM17, CGIP14, CPE17, Cha15, CHC17, CLLL18b, CRYG18, Cho04, DMC19, DZ18, DC15, DMDP17, DMM18, DNM19, DDL01, DMM14, ET13, FAY18, FAH98, Fer13, FNA12, Fion06, G07, G01, G08, GB14, G05, GH18, GL13, GBY16, GRM18, GPI17, GRX19, GRS19, HHL11, HNP05, HKM06, HPP18, HAM18, HMW14, HLL12, HK04, IPCA16, JBC16, JAA09, JSS09, KZLK06, KPS18, KN06, KCV11, KV03, KU01, LCPC19, LS18, LOR18, LWW18, LCH18, LOK09, LGMV02, LL15, MZH17, MZP19, MT17, MSA19, MK19].

analysis [MEBA12, MMC18, MSM18a, MBL19, MOK06, MLZ06, N0W6, NKP16, NH17, OKF10, OCCK14, PYN12, PBL18, PH07, DLS14, PTM18, PPS18, Q07, R08, RS16, RAA18, RMS18, RGCL18, SP18a, SOR05, SOA17, SHN10, SG17, SWW13, SLS09, SAG19, SK06, TSD18, TBK10, TLSC17, TSVG18, TBNF09, VCL19, VBS09, WIR2, WJS18, WDJC18, WXZ18a, WZH19, WSS09, WZL18, WFB08, WLA18b, WZ16, WWA19, WLZ19, XFTZ16, X1L9, Yam89, YPC12, YP19, YN18, ZZDM18, ZSX15, ZW18, ZWLL18, ZMZ19, ZC18, ZWJ04, ZXL14, dACAM13, DDJ13].

analysts [SOA17], analytic [MMVP13]. Analytical [JAA07, ZYO4, CPBC16, GS13, JS13, KSAK03, PBA18]. Analytics [MGL18, PN13, ABD19, ADLM18, BA17, BMP16, CZXL18, CMP17, DP19, DGCG17, FSV19, FFGP19, FRM18, GQLX18, H0Z16, IH01, KC18, KPB18, LJ19, LCI18, M16, ML19, MDT18, Osa19, SSA19, WSQ18, WHY18, WL18, XWZ19, YSH19, ZH16].

analyze [BPAP92, RWV13]. Analyzer [V017, SHL13].

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and-ord [GC94]. AND-parallelism [ZS90], anddata [CC98]. anddata-parallel [CC98].

AndroDed [MDFG19]. Android [GCM18, XWZ19, DMM18, GMC16, LLIW18, MDFTGM19, MRL14, SGS18, WWH17, WLI18, WMJW18, ZC16].

ANEJOS [SM01a]. Aneka [VCK12, CVK12, TSB18]. anesthetic [WAA19]. aneurism [HORC04]. ANFIS [BBM10].


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anisotropic [KC04]. ankle [Bo19].

Annealing [GODM98, VSVD95, Cha11, SZ98].

Announcement-based [GODM98]. annotating [AAF18]. annotation [GMP16].

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Anomaly [HZW16, ZGV19, AMI16, BS17, FJ18, GN17, VSB19, WZ18, WZX18b].

anomaly-based [VSB19]. anonymity [AMQS19, OPP00, TVV13, WHS18, YHL16]. anonymization [KC19, NK17].

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answer [YLG+16]. Answering
[ZLXZ18, LLYW19]. Ant
[DBT00, DDS00, SH00, TRFR01, TA18,
CCL09, DSO4c, FZHH14, MCA02, TV16,
WZ13, ZHQQ18, Gut00, PWW09, PT16]. anti
[BBH18, CMZ+18]. anti-collision
[CMZ+18]. anti-unification [BBH18].
AntCheetah [DLM15]. Anticipating
[Lea15]. Antipolis [Zn94]. ants
[MVS00, MC00, WLB00]. anxiety [TCH19].
AnyLogic [BKK02]. AODV [ASAA18].
AOFAS [Bo19]. APA [JNR12]. Apache
[CSG+18, FPR18, HSV+17]. Apart
[GMM18]. APHID [SGK10]. API
[BC17, XLL+18a]. apicalis [MVS00]. APIs
[BBC+17, RMJ+18]. App
[PS13, CMVA18, WHW+17]. Appearance
[RSY+18]. appears [Hen87]. appliance
[FTK17, KT11]. Application
[BBI17, BR18, BHR98, DRNMC09],
GEAR13, GRS+19, GZZ+18, HMH17,
JNR01, KMZ16, KKJ10, LOR+18,
LMRS19, MED16, NB04, PaASM18,
PKC+05. RDDB18, SCL18, SWW+13,
SCL14, SBA+05, TKT+08, WMBV17,
YWA+89, ASW11, ANG+19, AHP16,
Astep98, AKP01, ABB+03, AS14, BMS05,
BMFC07, BWR12, BKKM11, CPDJ13,
CHJS+10, CPE+17, Cin10a, CRB+16,
CGS05, CW03, CDRS05, CZL+18b,
DDV92, DFGR14, DmM10, DF07, DR05,
GVDT16, Gra92, GMC16, GMC18,
Hab05, Hir89, HLNN11, IG12, JNHL18,
JEB18, KANS18, KOT18, KMK+14,
KK18, LN18, LW08, LZL+12, LPD+13,
LBB+19, Low05, MM03, MSM+18b, PO00,
PAL+19, PTB18, PPJ95, RB13, RRS99,
RVC16a, RPMG10, SRZD15, SM03,
SEMI11, SAMN02, S18, SgddMM96, Sin92,
SSL13, SLS+09, SLZ95, TDFZ18, TOD17,
TMW+17, VTTK17, VCL+19, WLYL11,
WW+14, WBF08, WLH+19, XLL+14]. application
[YZWG18, YY11, ZJW+14, ABS11, BBC+99, FCD+14, MS01, YPF05].
Application-aware [RMD18].
application-based [WWD+14].
application-layer [ZJW+14].
application-level [LBB+19, RPM10,
SRZD15, SEMJ11, SSL13, WLYL11].
application-specific
[DR05, KANS18, WBF08]. Applications
[Ano86i, CHK98, CSH98, DDM+10],
KLM+05, MG18, PNN13, RC18, RC19,
WWH17, ZLZ18, ZYA+18, dRSBH94,
AHS+18, APA17, AOI10, AW01, AB01,
AUA19, ACH+11, AKC+17, ATJM02,
ABS+18, AAS17, AHU+19, AHI11, AJY12,
AD00, Ano87b, AB16, BMW01, BBFW03,
BGI14, BKS+18, BC15, BC17, Bn99,
BPS06, DBNP13, BB06, BKSS02, BLAV06,
BCW01, BCG05, BBF02, BFW+03,
BGK+05, Bue65b, CGN18, CGCB+12,
CVKB12, CTV12, CVT19, CLCMG+18,
CPGBC16, CsdCM+17, Car03, CSW06,
CRV15, CKB+01, CA15b, CMZ05, CCL11,
CES+19, CXL+17, CW13a, CGL15,
CSGV17, CSVW17, CNR05, CRM05, DZ98,
DH02, DSI10, DS14, DMG+08, DFG+00,
DMM+18, DPL14, Dub91, EAS+18,
EAED18, EMB98, EET18, EVO6, EMJ+13,
ECA+18, EKGS14, ETR+13, FG18, FTP14,
FRM+18, FHM+99, FS07, FFC12, Fri14].
applications
[FM10b, FsdC07, FSP+18, GVUR1B14, GBS10, GAW+18, GHD19,
GHWZ94, GHEB+18, GAJP18, Gill85a,
GK+12, GMA07, GMB+05, GIM16,
GIK18, GVD+03, GPS+17, HY09, HGG+14,
HC17, HRSW99, HPGM18, HKP10,
HXA+17, HHW11, HSC15, Hua05, Hum92,
HMC06, Igl07, IDCC11, JOPW14, JP18,
JLQ18, JMAG19, JBP+18, KT08, KA09,
KLKL06, KMB16, KWK+18, KK19, KZ14,
KC14, KST19, KS02, Kol18, KMK09,
KMU19, KB00, KAS+18, KKP00, KB09b,
KKM17, KKK18, LB03, LC04, LJ13,
LMZ+14, LRYJ17, LCL14, LZYC13, LZX16,
LBB+19, LZYH19, LS08, Luk00, MTNM08,
MBB10, MFN13, MWC+03, Mam09,
eral advantages and implications, including the potential of archaeology as a tool for understanding human history and cultural development. The paper discusses various methodologies and approaches, including the application of computational techniques to archaeological datasets. The authors highlight the importance of interdisciplinary collaboration and the integration of data from different sources to enhance our understanding of past societies. The paper concludes with a discussion of the future directions for research in the field, emphasizing the need for continued innovation and the development of new tools and techniques to address emerging challenges.
[GS95, KR14, GBMP13, LTZ15, Niw89, QCD16, SSK+08, TZL+18, TSOB15].

**Architecture**

[ACC+19, CBS17, FP03, GLM+12, Ger02, Her84, HKT94, MBMTR18, RSRR88, SCL18, ZDL+13, ZLG+14, AKB+01, AGG92, AdH14, AGP+92, AMW99, BBC+17, BLO+18, BBG+05, BCC+17, BRH18, Bhu95, BGL+05, BDH14, CST91, CDF+05, CBK+01, CJ14, CWW+13, CWW+16, CS96, DVL12, DGCGR+17, DJ13, EDH+13, ES94, FNA11, FRM+18, GDJ+13, GD10, GD05, GIK18, GSY+17, HIA18a, HD10, HHS98, HO02, HML07, HML09, JYY+17, KS11, Kat04, KB18, KLH+04, KKK07, Kim07a, Kim07b, Kob92, KGA85, LG08, LBJ+18, LLW+12a, LKN+13, LFP+17, LHL03, LRC+18, LHBC16, MH01, MVL+18a, MPCAF15, Mar09, MPP+16, MRH17, MHA08, MPPM09, MRS+18a, Mur88, Ném00, OBB88, OFT09, OBG+18, PO00, Par06, PSW+14, PSS+07, PSA+09, PBC+11, PPM+18, PMLV+13, PSS01, PSSB15, RBGA18, RHFV+17, RCP+11, SA07, SZC05]. architecture

[SSS02, SGK01, SP18, SD03, SHJ06, TSTD16, TJLT00, VET+16, VDK12, VFHB14, WSH+16, WZ+16, YA+17, YS16, YC05, ZMP10, GM08].

**Architecture-based** [ZLG+14].

**Architectures** [DO15, HYZS16, HV84, Pfi99, TKRA14, VDIT12, BFL19, BSC06, BF18, BW95, BPC+14, BSG+05, CA15a, CDG+14, CG09, CGP14, CCL11, CPSRG14, Dia91, DLH+17, DDB14, DM12, EBPC18, FFC12, G1H5, GRCP+17, Her87, IS18, IGB+14, JP17, JBA94, Knu94, LX13, Lop96, Lop93, MAC14, MCA+18, MSLP93, PSSP16, Pa13, PMCC18, PPSP18, RC18, RC19, SGdMM96, SMBMT+18, TR85, UWV92, WBT05, ZMN99, dLB10, vM94].

**archive** [Fin99, GML99, ILJ+08]. archives

[AMW99, HC99, SB99]. archiving [PCM99].

**Ardent** [LM90b]. Area

[AS18a, PP10, AL14, GGH+06, GGSZ09, GG10, HLYW17, LCFB13, LRJ+06, LWSC07, NAGD18, OS01, PSVL02, RRS99, SCS+18, VBL09, ZGV19, vDR87]. areas

[Hab05]. arguing [Sch00]. Argument

[SWCL95]. Argumentation

[DKFKF18, OAMS18]. ARIANE

[BPAP92]. ARIANEXPERT [BPAP92].

**Arigatoni** [CCLO8]. arithmetic [FGG03].

**ARM** [OBG+18, RRP+14, SGN+17].

**ARM-based** [OBG+18, RRP+14]. Armada

[OK02]. ARMCO [PPB16]. ARMOR

[MML+18]. arms [Pob87]. Arranging

[Leo90, VGBD15]. Array

[CCKW88, YV92, Mur88, Pan95a, PHL98, WHZL10]. arrays

[Dui89, EFD00, Van92]. arrhythmia

[SD18]. arrhythmias [AFO+18]. arrival

[MRN19, WML14]. ART [TSK03]. art

[CSZG+13, LCC19, SJ+15, Van87b, VLC03, dCTVC18]. arterial [DIK+06].

arthroscopic [Bo19, WWSM98]. Artificial

[All92, Ano84, Kow85, Sch85, vDR87a, Ano86l, BZMY10, Che18, CZL+18b, ED04, EO06, GJKP18, HXWW18, How91, HLZ18, JB98, KLR01, Kow84, KS18c, Lop96, MGA+18, Niw89, RBC+88, Wii84, XLW+17, YZWG18, ZZN04, vDR87b, Ano87b, Ano87c, GTKV15, vDR87c].

**Artistic** [UNM+16].

**Arts** [BHD09].

**assay** [Pan95b, SAKOK03].

**ASA** [SCH+17]. ASIP [ABF+15a]. Aspect

[MWQ+19, MZP+19]. Aspect-based

[MWQ+19]. aspect-level [MZP+19].

aspects [AR18, BBVBD+11, BCP03, CSL18, LLRS94, Lop03, MZP+19, MZC10, QCD16, RGH+01, WM14, vDR89].

**ASPEX** [LM90a]. assemblies [RSRA18].

**Assembly** [KM01]. assess

[FFGP+19, Kim18]. Assessing

[SG15, ZGS+13]. Assessment

[PM04, vDPZG+16, AB19a, ABGMC19, AJ19, ACSV18, BBC+17, FJA+18, KHG+18, LCGPC19, MLZ+00, PRSR14, PB18, PAK19, ZL04b]. Asset

[PLLP19]. assigning [HCL+17]. assignment
[ADBO18, AAM+16, DLXR14, FGW+19, KMT14, LTC12, LXD17, LHC03, MO00, RS17a, RN01, THKG08, TRFR01, TDFF+17, VAdIP12, Var03, VTTK17, WZM+18],

ASSIST [Ueh89]. assistance
[Ohy89, SOR05, SZD+17, Tak89b, TD95]. assistant [FGW+19, HIA+18b, KFF89, LCMX16, SNC18]. assisted [BDS+10, CCC19, FKT14, FFL+19, HMA+18a, HDLW13, LLC14a, LKG08, LNY+18, LYL+19, NDA+19, RSK16, TMB+19, WXYL15, WXZ+18a, ZY+18, WLML17].

assisting [SGRT19]. association
[AVPV17, EBOY14, LHW+18, RAKJ18, SA97, XL9, ZDW+18]. associations [GJ18, KZW13]. Associative
[CC98, HMMW19, NS184, SSZ+17, Ami90, CMP+17, WGL92]. assurance
[GSC11, LLW+12a, WRRS16].

Astronomical [SB99, GML99, OFO+99].

astronomy [HJPS03, LMB18, PCM99, SLJ+06].

astrophysical [RBS93]. astrophysics [LKA+19, MGYC06, BAD+05].

asymmetric [CRYG18]. asymptotically
[CKR04]. Asynchronous
[SM01b, AT01, CCL11, DOV01, ESFD06, MMR02, PS17, Psp05, WHC18].

asynchronously [SLG+17]. ATLAS
[JLRS18, KVR15, KMCH03, Ueh86]. ATM
[MK04]. atmospheric
[LN18, PPZ12, WJZ+17, ZDL+13, AKMK05].

atom [ZW19]. atomic
[Bag11, Tor04, OB04]. Atomicity
[WLF+09]. ATOP [SGH+08]. ATOP-Grid
[SGH+08]. ATOS [Lau92]. ATREX
[Tak89a]. attack [AQR+18, CM17, DC18a, DCC13, JNHL18, KAW12, LSL+15, NZL+15, SPT+18, WLYL11, YWJ+18].

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

attention [FJA+18]. attention-scoring
[FJA+18]. attestation
[RYW+18]. Attacker [Ami90]. Attribute
[CDL18, KH97, LAL+15, LHL15, LWM+18, Rao17, SH90, SYK+17, WLX18, CIK10, FLT17, FRZ19, GB10, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCL14, SCZ+14, SHLBO8, VPP+19, YCT15, ZCL+18]. Attribute-Based
[LAL+15, LHL15, Rao17, CDL18, LWM+18, SYK+17, WLX18, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCZ+14, VPP+19, YCT15]. attributes
[BFS+17a, BFS+17b, VLNK99].

Audit [BDMO11, LYXT14, MSK03]. audiovisual
[VWD+08]. Auditable [ED16]. Auditing
[SK97, BSC06, LYY+18, YNY+14].

auditory [CPP+18, XYY18]. augmentation [AGKZ18, GBRM18].

augmented
[BB04, CES+19, KMOV+15, RMMPP17].

Augmenting [HMS18]. AUGUSTUS
[SL+09]. Aura [HHK18]. AusPlots
[TSTL16]. authenticated
[ODK+17, YZL+18, ZZWA18].

Authentication [ASO14, ABB19, BDFP05, AMN18, AHM+18, APK+18, Alp18, AKB+18a, BLAN+16, CJCXX19, CHS11, ED19, FHZW18, GHD19, GAI+18, GLB+18, Ham19, HLC16, IOV+18, JKAU19, KVvE18, KLV+16, KLW+17, LC17, LKN+18, LWK+18, LHMM14, LHL38, LHL03, LYL15, LNY+18, LWF+17, MCM+18, MR00, PYH+18, PLGMCdF18, SGGCR+16, SCS+18, SYW17, VCD+18, Wan18b, WDKV19, WLS+18, YHLM16, ZLY+19].

authenticators [SYY+17]. Authenticity
[CD+05]. Author [Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a,
UDvdW+18, VDTK12, VPT+15, VGC+13, WKC+13, WWC14, WCC+16, WLZ+16, WZZ16, WQQ+18, WCH+18, WSZC18, WZM+18, WS10, WZ13, WHYH+17, WZS+18, XDH+17, YIA17, YCX18, ZMTT16, ZL13, ZME+15, ZHHC17, ZGL+18, ZWS+12, ZQB+18, ZZLH18, ZAC+18, ZFH+18, ZTD+18, dACAM13, CG09, KC14.

Awareness [AL14, ABF+15b, GRTV10, LCL14, RR18, SHBP10, XFTZ16].

Axisymmetric [CASW05, de 94].

B [Zem86, vdR87e, IEG04, WWT+18].

B-spline [IEG04].

B.A.T.M.A.N. [DCBF19].

B.A.T.M.A.N.-based [DCBF19].

Back [SKS+18, CWSW14, GKI10].

Back-end [CWSW14].

Backbones [Sch03].

Background [TWZP18, HCC+14, YPHZ14].

Backhaul [WCW18].

Backplane [BBM+03].

Backplanes [Man09].

Backpropagation [JL98, RM97].

Bacteria [VR12].

Bacterial [RC13].

Bad [WBT+08].

Bag [APAZ17, CLRL17, CA15b, GGS13, MVC+13, TVB18, WL05, DFC+08].

Bag-of-tasks [CLRL17, MVC+13, TVB18].

Balancing [CWW+16, DTL+18].

Balance [AS18a, CTR+17, CCL09, DL03, SDTA19, WWT+16, YWCC18].

Balancing [GXL+18, LCZ12, MD12, OSH96, dRSS97, AA18, ADOKM06, BCMR01, BM08, BL02, CSGN05, CY01, Cho04, HLW12, IS18, KRZ12, KNK+08, KMK09, LYMZ09, LZXW13, LN18, MM03, MKM11, PZAI18, PGSM05, PRC+14, Qn07, SB07, SMI18, SJWT18, SMA08, TZLL18, WCF+15, ZGB+17, ZMS+06, ZFC17, ZFC18].

Balls [LGVM02].

Band [SYCH18, VAdP12, WGX+19].

Bandwidth [VS04, XDH+17, AHP16, AHP+18, CGL08, CALN03, KWK16, NF07, PBHK01, WLP10, WQQ15].

Bandwidth-aware [XDH+17].

Bank [WY17, NUPA19, YW12].

Banking [GPA00, KVvE18].

Banks [ABCD00].

BANs [BLL+19].

Barter [Pan95b, SO98, WPJ16].

Bartering [GBRM18, ZA13].

Based [BBG16, GSD95, GGC18, HX+17, LAL+15, LHL15, ML17, Rao18, Sar18a, SI11, SCH+17, YGI18, YTHY84, AD18, AO19, ABZ15, AMN18, ABM18, ABM18, ANA16, ADM06, AJY15a, AA18, APRC16, AKP+18, ANG+19, AMH02, AAC04, AJ19, AAAQJ+18, ADAAD12, ADOKM06, ATJ10, AAI17, ARP14, ASO14, AIA+18a, ATdC+16, ADH16, AMW99, AK14, AMK18, ABF+15a, SYJ+19b, ASAA18, AB95, AMT+12, Ano86j, A0G+17, A0B+16, AMPZ16, AN08, ACPI19, BDE17, BBC+17, BG12, Bae14, BRL19, BvBM+93, BKB11, BDP11a, BMPS01, BP02, BARMB14, BFP18, BMFC07, BP10, B0G05, BGH+03, BRH18, BBC+12, BKSS02, BU18, BW13, BRMN04, BS09, Boa04, BT17, BG11, BPAP92, Bru01, BU18, BCB07, CSV+12, CMZ+12, C05, CYL17, CQW+19, CAC+10, CL18, C18a, CPP+18, C04, CD07, CBK+01, C0P+15, C0E+17, CO03].

Based [CEG01, CKK+04, CGH04, C0F+15, CLL18, C1Z18, CES+19, CTT+08b, CCS+10, C1L+14, CYZK15, CWW16, CJG+18, CLH18, CLR18, CRYG18, CZH+18, CZZ+18, CY19, CY90, C88, CMP+17, CS12, CB10, CGS18, CGS17, CLK11, CFF14, C0S+92, CDL18, CMZ+18, CZL+18b, CRTN17, CBdL16, DSS98, DZ+15, DJZ+15, DCBF19, DDFS02, DE03, DMM+99, DMG+08, DCK03, DMPP16, D0S8, DNJ17, DLT17, DVM10, DLS+12, DNW+19, D605, DCC03, DKKF18, DS04c, DK14, DNP14, E01A16,
EBOY14, ET08, EO86, EMJ+13, EGAQ09, EPB18, EA17, DA18, FTK+14, FG18, FH13, FHYY15, FLT17, FCY18, FJA+18, FSM+18a, FFJ+18, FMV14, FSV+19, FHZW18, Fer13, FEP18, FTD12, FCC12, FMS08a, FMR05, FLPP05, FKOC11, FW02, FWB13b, FA11b, FTH16, FCW01, FPP+18, FM10b, FSP+18, GAFQG12, GHY+18, GAW+18. based [GHWZ94, GSC11, GDJ+13, GA13, GEL12, GAJP18, GODM98, GS15, GC18, GJF+12, GMC03, GdLyoT03, GCL18, GPJC17, GB10, GPV+14, GP11, GBE00, Gr01, GMP+17, GIK18, GGM+09, GW003, GZ04, GAMS18, GGS13, Gut00, HIA18a, HO17, HDKC18, Hal88, HHL11, HKA+18, Ham19, HZC+08, HB08, HSM13, HPZL18, HZL18a, HLL18, HLH+18, HZM+14, HYS17, LZZ+11, LUJ+11, LWX13, LC13, LLS+14, LvW14, LYL15, LCMX16, LWL+18, LDS+18, LSL+18, LXM+18, LWYS18, LCH+18, LHW+18, LLGY18, LW18b, LNY+18, LGZY18, LDZW19, LSO1, LBU+10]. based [LKJ17, LC03, LWW+13, LL16, LWF+17, LLSR02, LZY+16, LSF+94, LZWF19, LMYH+09, MWQ+14, MML+18, MWL18a, MYH18, MWQ+19, MSS+13, Mac89, MJM+16, MCN+18, MLC+18a, MK17, MPH00, MB10, HMC14, MCSS00, MVMR08, MLC18b, MCT+15, MBM18, MGV+18, MJ06, Mar98a, MLD08, MDB+18b, MSBA16, MPI+18, MLM16, MHZK18, Mř17, MJ00, MSX00, MBL+19, MLW+18b, MJRM16, MGA+18, MHA08, MHA09, MC1a16, MSAE19, MAPA19, MYK16, Mor01, MPPM09, MW12, MWMA10, MCG+15, MR18b, MK95, NKX09, NV11, NNA19, NMA00, NRV+17, NPS07, NCS12, NS10, NKE18, NGB18, NHG06, NLM+16, NUPA19, NZL+15, NJKH13, NHT06, NMC05, OdOD+13, Ob89, OCdAM07, OV+09, OP97, OMD+18, OBG+18, OB19, P000, PYY+18, PNGF13, Pa06, PBV+13, PFRC16, PC18a, PS10, Par06, PKY+17, PC17, PWP+18, PLW+19, PBC+11, PMCC18, PLGMdf18, PAB+14, PQBP17]. based [PSY+19, PTT12, PPS+18, PSP+09, PB18, PdLS+99, PSS01, PSBB15, PSK+10, PPA99, PN09, PAK19, QZD+18, QRW+18, QGT+18, QZM+18, QCY+19, QP08, RCM17, RQN+19, RBA17, RGAT18, RDSA18, RC13, RRP+14, RGGH18, RHB08, RT15, RS17a, RD14, RSY+18, RGS18, RCMT18, RW18, SR12, SCL18, SPT+18,
SC19, SLTK19, SS13, SAGL10, SGGCR+16, SGR19, SM01a, SPK+07, SEH99, SYJ+19a, SHS+19, SM18, SZC05, SD18, SH99, SJRI3, SGL99, SM03, SMC99, Sch01, STTK03, SBHD08, SG05, SST17, SZ12, STA17a, SMO8, SP18b, SRP19, SBLW14, SYT09, SCZ+19, SDFS18, SS17, SB17a, SGB+18, SB18, SKK13, SCN+14, SIL+13, SAPA17, SCL14, SCMS12, SMM+14, NAA92, SSK17, SZD+17, SM18, SYK+17, SCZ+14, SBK18, SMZ+16, SSZ+17, SLL+17, SLF+18, SZR18, SJL+18, SCH+19, Swm92, TTC+14, TX14, TF18, TJWS10, TDB17]. based [TZL+18, TMB+19, TNY17, TMM+13, TKA+18a, TA18, TY11, TMDZ15, TCR+12, TYWZ18, TCCW18, TB0F09, THT14, Tur18, UGBM+17, UP17, VCC+03, VVB11, VTTK17, Van93, VGBLS+06, VP+19, Ven08, Ven09, VLC03, VSKS19, VCL+19, VSBN19, VOCH17, VUK14, VM93, WWX+17, WCHL10, WW11, WLY11, WWCN13, WWD+14, WLZ+14, WZZ16, WMX+17, WWJ17, WRC17, WCL+17b, WWDF18, WZH+18, WCB+18, Wam18a, WSJ+18, WHC18, WWZ18, WCC18, WZWC18, WSS+09, WY17, WZL18, WMA18, WZ18, WFW+10, WCC+09, WW13, WZ13, WYH+17, WZCH17, WLXZ18, WPS+18, WZM18, WW18, WWA19, WLZ+19, XT1+19, WXJ+16, XKBA18, XKJ+18, XCGD10, XL19, XL+14, XZ14b, XY15, XWL+15, XZ16, XFM16, XWZ+17, XRPT18, XT18, XZZ+18, XJY+18, XLL+19, XHL+19, YMLT13, YAO14, YMW+18, YFY+13, YZLQ14, YWL+17, YLW18, YJS18, YZW+18, YWZ+18, YXA+18, YWJ+18, YJY+18, YHL+19, YCT15, YSW18, YARH18, YPJ19, VV12, YP12, YdOLS+05]. based [YN18, XYY18, YS16, Yos89, YZ12, YSL19, YCX05, YPHZ14, YXA+16, YWW+17, YL18, YGY+19, YWF+10, YMY+17, YL16, ZF16, ZRZL18, ZSI08, ZA13, ZWL13, ZSZ14, ZHZ+16, ZWHC17, ZCH+17, ZCZ+18, ZCLW18, ZHL+18, ZXL+18, ZZXL18, ZWML18, ZXM+19, ZZJY16, ZBL+14, ZLG+14, ZLL+16, ZCZ+18, ZFC17, ZFC18, ZWX+19, ZC14, ZDW+16, ZLY+19, ZZS+19, ZRZ+14, ZaTZ+17, ZL18, Zh18, ZWGC19, ZL04a, ZMN99, ZDW+18, ZWMC19, dBSN19, dLLA93, mM95, KK19, PMDS18]. based-wireless [HKA+18]. Bases [Wie85, ABTF16, GZS14, NSI84]. basic [Dek86, LM90b]. basis [HAAH05, NK05, SOR05, TSBH11]. Batch [Zin18]. Batch [SS13, WSQ+16, AQB15, JLL17, LH07, SVN10b, TF18, VCD+18]. batch-oriented [AQB15]. batteries [BRS04]. battery [CFMC19]. battlefield [WSZC18]. Bayanihan [SH99]. Bayesian [CFL+15, CAPG18, Kf05, KIR15]. LYY17, TAHS14, WWA19]. BBS [FGH95a, Ma94, PR95, RS94, Zna94]. BC [DKJ19]. BCN [ESPN17]. BDEv [VEET18]. BDP [PPA18]. BDWatchdog [EET18]. be [HNP05, SAO17]. Beaconing [YLWW18]. beam [GL04a]. bearing [FN00]. BECAUSE [Zna94, BP94, Zna94]. BECloud [Bel16]. bed [RRS99]. Bee [HLZ18, CZL+18b, HXWW18, XLW+17]. BeeCup [XXZ+14]. Beerel [vdR87d]. before [MAJD18]. began [Bur02]. behave [NMC05]. Behavior [BP01, CCHH13, BDVM17, BSG+05, CMEA+19, FFGP+19, FM10b, JM02, LRG19, Lee12, LNB14, LJW+19, RWV+13, SHRE16, SZ12, TIHT14, WSU+10, WWH+17, YHH+19, ZCZ+18, ZZ09]. behavioral [Ale97, CPP+18, CWJ16, KMK+14, MS01, NJ17, NMC05, SBCF16, SSA+19, WNR19]. behavioral-based [KMK+14]. behaviors [ABD+19, WTG+14]. behaviour [HIA+18c, PRW14, Sch01]. Behavioural [RT16, PLLA18, PLA18]. Behind [DMZ12]. belief [KLJS19]. belt [TTC+14]. Benchmark
[CGSZ95, Zna94, ABG18, LM90b, ZYB+18].

Benchmarking
[DFGR14, EGNCY+06, GVDT16, MML018, PPS18, Por95, TDBR18, Wri19, CCD+10, ECA+18, LSB+18, TZQ18]. benchmarks [GMB19, WYJ99]. benefit [BGV97, MEBA12, MVT+99, SC16].

benefit-aware [SC16]. benefits [KK14, PNGFJ13, SC19, VVB11].

Beware [Chv87]. Beyond [Chv87]. Beyond [KSK+11, LWW+13, PN13, Engl14, KDP16, LDSH95, RR18].

BG [ABG18], BGK [AKH+04], BG [IGB+14], BGP-inspired [IGB+14].

BGQoS [AJY15b], BHR [ST11], Bi [ABS+18, CGS18, LOK09, WW04, ZZH+16]. Bi-directional [ABS+18, LOK09]. bi-level [WWC14, ZZH+16]. bi-objective [CGS18].

biased [PdASM18], bi-connected [AAC04].

bidding [WCHL10], bidding-based [WCHL10]. Bidirectional [MAC17, WHBC19]. Biên [vD87].

 bifurcation [AKH+04]. Big
[ASYF18, BAI7, CMEA+19, CCRL18, EET18, GBB18, JGFB18, J17, KS17a, KP18, KLH+18, LIC18, MGL+18, NNLH18, PN13, PPA18, RPA+18, SNXB17, SCG+18, VEET18, WSQ+18, WRK+15, WJS+18, WXGM18, YDD+18, YZ18, ZCY18, ABD+19, ACSV18, BGI14, Bha18, Bu18, CW19, CGP14, CCMP18, CZZ18, CRYG18, CZZ+18, CSQL17, DJPM18, DP19, DQXW19, DXL+18, EAS+18, FRM+18, FS18, GQLX18, GBY16, GSY+17, HPGMM18, HZDS19, Hsu14, kHsZwJW18, HHZ16, HXL+18, IAM+18, JH16, JHC18, JLC18, KOP+17, KP18, LFP+17, LLZ+18a, LZH+18, LWH+18, LYZ15, LSHW17, LHW+18, MWW+15, MLC18b, MVL+18a, MPCAF15, MGMT18, NJ17, OFD17, Osn19, PFR16, Psv17, PYM18, PPSS18, QG18, QCX18, RTH17, SB17a, SBA+17, SBD+18, SZD+17, SSZ+17, TQ18, TF18, TW18, WXPL17, WMY+18, W18, XB14, XFM16, XTF+19, YWCC18, YZG+18, YSHM19, ZYB+18, ZFS+18, ZHL+18, ZW18, ZQB+18, Zuo18]. BIG
[PPS+18, AKP+18, CRW+16, CW16, DX14, GS16a, KKAS19, MCR+16, Sha16, ZS16].

big-data [BG14, ZYB+18, ZQB+18].

Bigdata [WLZ+19], BigFCM [GGN17].

BigFlow [VSBN19], bike [TCH19].

bilinear [Z515], bill [MD12]. billing [MK17]. Bin [BB17, MA+19, SK12].

Binary [GKH18, RSVV88, SBCF16, C98, HW18, LL07]. binary-search [CC98].

binding [ML15, MLBS11]. Bingham [Ned06]. Bio [FM0a, ZEO98, Kim18, PMBS14, XZZ+14, ZYV+18, LWHC07].

Bio-inspired [FM0a, ZEO98, XZZ+14, ZYV+18].

bio-medical [PMBS14].

bio-signal-processing [Kim18].

Bio-inspired [FM0a, ZEO98, XZZ+14, ZYV+18].

Bio-STEER [LWHC07]. biochemical [KCT99].

biochemistry [Rout00].

biocollections [MMF16]. biofeedback [BDE17, KMK19]. bio-geography [ZLL+16].

biogeography-based [ZLL+16].

Bioinformatics [MFE+08]. Bioinformatics
[SF06, BCA07]. Bioinformatics
[DP17, ABM+07, CCM07, CRSD10, EDH+13, KTTK17, MCM+18, SSS02, SBAD+18, SLS+09]. Bioinspired
[CCM18, CLCM18]. Biological
[MB01, YD05, AM+09, FGCM07, Kol89, MP02, PB17, SWW+13, WRBG94].

Biologically [Pet95, Men05]. Biology
[LSG+07, AV00, CCdCM17, Gue01, KG01, SJTG07]. biomarker
[WZH+19]. Biomedical
[CRSdS10, AIA+18b, CSC+05, CMD+14, DMPP16, KTTK17, Ros89]. biomedicine
[ABM+07]. Bimetric
[Alp18, KHM13, AHM+18, BWR12, GEAR13, Ham19, KZA11, LTJK12, LK12, MR00, NWMG17, Sar18a]. Biometrics
[Alx97, BW13, FFC12, FHZW18, Kwa12, KS18d, KLW+17, LNK+18, Pol99]. Biometrics-based
[FFC12, FHZW18, KLW+17]. biomolecular
[Alx97]. Biopsy
[BDS+10]. BioSim
[CSC+05]. BioSimGrid
[NJW+06]. bipartite
[QGX18, TJ18]. Bishop
[Ano86i]. bistability
[vdR87e]. bit
[KHJ10, KKL09b, YFY+13]. bit-rate
[KHJ10]. bit-store
[YS+13]. Bitcoin
[KhJ10, KKL09b, YFY+13]. blockchain-based
[HCW18, VSM+19, ZMH+18]. Bitcoin
[CH10, SK04]. BitTorrent
[AY16, HWZL08, WSU+10, WFC07, WLQ10]. Black
[VB13b, SHB89]. blackbox
[CLL+14]. blackbox-oriented
[CLL+14]. Blanc
[OBG+18]. blast
[FZT+18]. blending
[ZY04]. blind
[ZA+17]. block
[BFK02, CLR18, EV98, LCP04, MHY+18, RP18, SHJR04, VF01, VFS01, ZSW+18a, m95, v94]. block-preconditioned
[VFS01]. block-structured
[BFK02]. Blockchain
[MJGW18, SP18b, Che18, DKJ19, KS18b, LBJ+18, MQN19, RMC+18, XLL+19, ZWX+19, ZWG19]. blockchain-based
[XLL+19, ZWG19]. blockchains
[HZLH19]. Blocking
[BCH+08]. blocks
[GSV07]. blog
[ZWWL18]. blood
[HORC04]. bloom
[ZL13, ML17, SGB+18]. Blue
[KBVH14]. blueprint
[JJY+17]. bluff
[SDP04]. Board
[Ano19b, Ano19c, Ano19d, JBP+18, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18]. Board
[Ano18m, Ano18n, Ano18o, Ano18p, Ano19a]. Body
[AS18a, FPPD14, ASO14, AKM18, CJ14, FP14, HLYW17, IASK14, SCS+18, SwAS01, SdSP04, THA+17]. body-sensor
[ASO14]. BodyCloud
[FPPD14]. BOINC
[FKBG10, VKK14]. Boltzmann
[ABL04, CM99, CH04, DS04b, DY04, FPdS04, HOC04, HRJ+04, IOO04, KKHS01, NCS04, SdSP04, vdS04]. bonds
[BR04]. bone
[PP+07, RMM+98]. BonFIRE
[GCV+14]. Book
[Ano93c, Ano93b]. Boosting
[GCBM17, KMV+15, MWYC12, PH94]. booting
[SPSP17]. bootstrap
[DDJ+13]. borne
[SM18]. Boston
[vdR87k]. both
[FB93]. Bound
[MGMT18, BMT12, JS89, VD16]. Boundary
[AS18b, BS04, DS04b, Knu89, SK04]. bounding
[PY+18]. bounds
[LSG18]. Boussinesq
[Tab06]. box
[CSC+18, VV13b, ZSW+18a]. BPM
[SJ+15]. BPMN
[GHLW18]. BPSO
[KP18]. brain
[ABS+18, ASYF18, GRS+19, KZC04, MLS001]. brain-computer
[ABS+18]. Branch
[MGMT18, PGCC+10, BMT12, JS89, VD16]. Branch-and-Bound
[MGMT18, JS89, VD16]. branches
[LTOT07]. BRAVE
[RB+18]. breast
[WZH+19]. BRelax
[SSG17]. bridge
Capacity
[AMD08, BB17, CMB17, HJM17, KIC12, RZ16, Bla18, CWL†18, GBRM18, KCM19, KM17, Tho06, WWC†19, dACNC16].
Capacity-driven [RZ16]. capillary
[APRC16]. capital [NZOJC†19]. capsule
[KHO†19]. CAPTCHA [GP†14, RM16].
caption [DQXW19]. capture [Asu15]. car
[BBC†99, KXS†16, LLN†18]. carbon
[ToR4, VVC†12]. cariocardial
[MW12, SGN†17]. cardio[cardial, cardiomyopathy]
[NDA†19]. cardiac
[AL97, BGV97, CHS11, DQ97, HJCD05, NWMG17, SGGCR†16]. card
[ABC†18, CAS†18, MRS†18a, NDZ†18a, NDZ†18b, NDZ†19, Po98, PAP99, SPS18, BS11, SAK†10, BGMLS17]. Carlo
[BST†08, CPF9†13, CPBGC16, DDJ†13, JH16, TMYTY05]. CARPET [ST98].
carpooling [HKG†16]. cars
[MHW†16]. CartoonPlus [JHC10]. CAS [GIL07].
CASA’2003 [GJL07†]. cascade [GJY18].
Case [MW12, SGN†17, AR18, Asu13, BBV92, CGN18, CFF14, DDMG17, EGCMY†06, FGM11, HMA18b, KE85, MMV908, MNC†18, MKS18, MOFGP18, RR†14, RHBO8, Rou00, SHT†19, SM01, SB11, VM93, WO02, WL16, WRCC17, WM07, XLL†19, ZDL†13, XZL14].
case-based [VM93]. cassein [vOB95]. cases
[de 94]. catallactic [JRF†07]. catalog
[GML99]. catalogs [OFO†99]. Catcher
[BSE†13]. categorizing [WL†18].
Category [HZY†19, GGLW18, ZHZ17].
cations [DSR04]. Causal
[HKS18, MFT†17, AMH04, TSWL17, ZCT†04].
cause [CJP16, DLW07]. caused
[MHW†16]. CAVE [DDS†09, MvLvW98].
CAVE†M [WKF03]. cavities [DNJ17].
cavity [CASW05, VVWC94]. Cayley
[DR03]. CCA [ZSW†18b]. CCA-secure
[ZSW†18b]. CCBKE [LZYC13]. CCGrid
[KZ17, LBR02]. CCTV [LHJC18]. cDBN
[Jun18]. celiac [KHO†19]. cell [BVDF00, DPK†19, EAA16, GL95, Pal0†, SJTG07].
cell-vertex [GL95]. CellML [CAC†10].
CellML-based [CAC†10]. cells [BPP†07].
Cellular
[Ban02a, BP02, BMS05, Ban02b, CM99, KCT99, Mur88, PIKM02, TA18, BMPS01, Ban05, Bog99, DRS†97, DS09, DDL01, FLPP05, FW02, GZ04, HRW99, JM02, Mar02, PSL†04, Pud01, Pue98, SKT02, ST99, TSP99, Wor99, CDRS05].
cemetery [MCA02]. CenLocShare
[XCS†18]. Center [BMK†14a, CYH04, GD818, HDB18, KAE†18, LN13, LWD†14, LGL†17, LGZ18, LWW†13, Man15, MP17, NKP16, SBT†18, VOS12, YG17, YPLL17, YGYW16, ZGL19, ZWJ†18].
centered
[ABZ15, AB19b, AP96, JNS†19, NRR†15].
centers [AAAQJ†18, AK18b, BAB12, DKK†13, FNC11, GS16b, GBF†12, GFW†18, Han03, LSY18, LWW†18, Pon19, QMSG12, RT15, SLD†15, SLB†17, SLZ†18, TDC†14, VTTK17, WTR†13, WWQ†18, ZH16, XZD†19, ZAC†18].
Centrality [LG18, AdVAGF18, GY18, LXM†18, MBM18, MCSA18]. centralized
[XCS†18]. centre [Gal87, BT93]. centred
[AMO3, LASL16]. Centres
[CAB†18, WCH†18]. Centric
[WSQ†18, APB10, ALC†18, AT18a, AHM†18, BS17, DGR†15, DMM†18, DGD15, GGLZ16, GCMC16, GCMC18, JTS13, LKN†13, PIP18a, QGT†18, RLL†17, SST18, SZK18, SRKS18, TGM†19a, TGM†19b, XLL†14, ZW10].
Century [Mar98b, Mar98a]. CEPSim
[HC816]. CERN [NHLH18]. Certain
[YH18]. certificate [LL16]. certificate-based [LL16]. certificativeness
[LHO17]. certification [CB10, JLU03].
certified [HL13b]. CFD [LF95a, LZX16, LZX16].
OBG^+18, SLZ95, WS05, YHJC05. CG [KLP19]. CG-E2S2 [KLP19].
CGLXTouch [PDW^+11]. chaff [KHMB13].
chain [ABMM18, AB19a, ABGMC19, BDNP13, BBL^+05, CLL18b, Che18, HHXL13, JLQ18, LB1^+18, SLL^+18].
chain-generated [HHXL13]. chaining [SLY^+19]. chains [JDF09, JLMR00].
Chalk [GDRS04]. Challenge [KZA11, BKM03, Her87, Rum99, STMV18, SGM11].
Challenge-response-based [KZA11].
Challenges [Ald89, CCR18, CDFW18, GS16a, GRL11, JC15, Jm17, KMR19, MWV^+15, PWA^+19, SJJT07, YS16, AUSA19, AR17, ALK15, AC10, Ano84h, ALL^+18, BHD09, CAC^+10, CRsdS10, CCIP18, CSCB^+17, EGVT14, Eng14, FCC^+18, FS97, FJJK17, Fre94, GFD14, Hul89, K18b, KAW12, KLH^+18, Kol89, KARP14, KB09b, LGS^+07, Men05, NS10, OFMZ18, PMY18, PDIH18, Pet89, RdLM06, Rho89, RLM18, SP18a, SJV^+15, SWY^+18, VCE^+19, WWVJ17, Wi89, WGX^+19, YHA^+19, RMC^+18].
Chances [ALL^+18]. change [PWB^+13].
changes [BBJ^+06, BNJ16]. Changing [DMS97]. channel [ABS^+18, CWW^+16, DSO4b, DJ19, GQXL18, SWW^+13, YN18, SG05].
channels [AJZ^+02, Du94, GHMX10].
Characteristics [XY18, MPP13]. Characterization [AHD^+19, ZCT^+04, BARM14, KRD^+19, KB00, PLGMC4F18, VEET18, sDSP^+17].
checkpoint [Dal00]. checkpointing [BCH^+08, CGD^+13, CRVZ15, FC05, FMSSM12, FRB^+14, KKJ10, LBB^+19, LM12, RPMG10, RG04]. Chem [GAB^+96].
cholangiocarcinoma [ZMZ^+19]. Cholesky [IST04]. CHORUS [AGP^+92].
CHORUS/MiX [AGP^+92]. chromosome [hKBB11]. chronic [HEES19, VFHB14].
chronological [MPP13]. Chunk [ZZJ17].
chunking [WLA17a]. CIIAM86 [vdR87d].
Ciphertext [JSMG18, Ra017, LDZW19, QRW^+18, LAL^+15, LHL15].
Ciphertext-Policy [Rao17, JSMG18, LDZW19, QRW^+18, LAL^+15, LHL15].
ciphertexts [WXYL16]. circuit [AEK^+18, BJNH05, GDM98, GDRS04, IdLR01, SKT02, VWCC05]. circuits [CFVP03, Dör05, WSTW87]. Circulation [HHG05, CS93, WJZ^+17]. circumstance [ZLY^+19]. circumvent [DC17].
Circumventing [DC18b]. citation [HHHL11, HQ10]. citations [CZ14].
citie [AT18b]. Cities [HSS17, RMSP17, Sta7b, APBd17, AR18, HCZW17, HMA^+18a, HMA18b, KAS^+18, KS18d, NWL17, Osm19, RGSL18, UGBM^+17, GMLGB^+17]. Citizen
citizen-centered (AB19b). Citizen-centric (APBdI17). City

[APBdI17, AB19b, ALFR16, NZOCJ19].

classes (CMB17, JOPW14, PSLZ18). classic (MCA18)

Classification (BD18, MWQ19, ZXM19, AHMS18, AGA18, CHJ04, CLY14, CD99, DH16, EP13, FTK14, FMV14, GLVC18, HMA18b, JOSD19, KMK19, hKBB11, Klo05, LLX17, LLWN04, MG13, MG14, MRS18a, NUPA19, PRW14, RGGH18, RD14, SD18, TSRG17, XZZ18, YARH18). classifications (Bag16). classifier (KLV18). classifiers (WLW18).


CLEM (CJN15). Clickstream (FFGP19). Client [ZW10, CGL08, CSL18, DSD11, KuRaK18, MG14, PA01b].

Client-centric (ZW10). client/server [PA01b]. clients [LH13b]. cliff [SCH19].

Cliffs [vdR87h]. climate (BNJ16, FQBCF15, GP09, MLC18b, PWB13, FNA12). Climate-G [FNA12].

clinic (PPA99). clinical (CPE17, JNS19, LDY18, OCdAM07). cloak [NWL15]. clock [AC92]. clone (SMRM13). CloRExPa [DLS14]. closed [HXY13]. closed-form [HXY13]. CLOSER [CCRL18]. clothing [HYC18]. Cloud (ASAB18, AAS17, ABTA18, AAI17, AM17, AKB18a, ACCD17, AMPZ16, BB13, BdDPP16, BCJT13, BYV09, CLRL18, CHWW13, CRM16, CDL16, CDP15, Cha14a, CRK16, CDFZ16, DMC19, DXA14, FMN17, FSV19, FPP18, GAW18, GJ15, GBRM18, GTCZG18, GMP17, HMM17, HMM18, HSBF18, HFl16, HX17, HMA18a, IASK14, JC15, JY15, JTB15, KIMR15, KLX18, KJ18, LSB18, LSS17, LOR18, LJGW18, MID16, MP17, MAB15, MM18, Pa16, PN13, PLLA18, PHD18, DLS14, RAA18, SV16, SST18, SGN17, SS17, SZK18, SAPA17, SPKG18, TMW17, TMMV12, VLAC13, WBLK16, XDWL15, YG18, YHL16, YWZ18, YARH18, YAP16, YXA16, ZAC18, ABZ15, ABMC18, ANA16, AA18, ANG19, AQAQ18, AFSH18, AFSH19, AMQS19, AET18, ADA19, ASO14, ALK15, AL18, AMGCC18, ABP18, AMMC18, AMKM18, Anol2r, AB16, AAD13, ABN17). cloud (ADBO18, AMS19, ADDV16, ALL18, AK18b, BKS14, BDE17, BFN18, BMU16, BKS18, BPS17a, BPS17b, BC15, BBC18, Bel16, BPC14, BT17, BB12, BDH14, BR10, CMX16, CA15a, CVT19, CDG14, CLZ18, CMB17, CCP18, CTR17, CFD18, CFG19, Cha14b, CFL15, CRW16, CW16, CLL18b, CM17, Che13b, CWSW14, CLI14, CAC15, CXL17, CLR18, CYY18, CW13a, CGSJ18, CGL15, CPSRG14, CR14, CBLS13, CSQ17, CDL18, DC18b, DZZ15, DJZ15, DRC19, DST14, DLLZ17, DMP16, DGE17, DQLW15, DHL18, DR18, DCC13, DWS12, DSP18, DH17, DCM17, DJ13, EBOY14, EAS18, Erd13, EP12, EMJ13, EPB18, ECA18, ETR13, EA17, FH13, FHY15, FCH17, FR16, FSM18a, FJL16, FQBCF15, FLR13, FDP17, FEP18, FPGK18, FKT14, FMI17, FP13, Fr14, FC14, FSP18, GGT16, GPJA14, GVB17, GEG14). cloud (GV13, GJGB19, GJG13, GLS12, GAGP18, GS16b, GJP12, GCL18, GB10, GTSAR14, GPS13, GMP18, GJKP18, GFW18, GLB18, GGC18, GGS13, HIA18a, HFM19, HSM13, HGG14, HQ16,
Cloud [MK17, MGT18, MFN13, MHIC14, Man15, MCT+15, MYW+19, MAJD18, MKK13, MBMT18R1, MDB+18a, MKH13, MFG+14, MNY+19, MSBA16, MLM16, MHZK18, MVG+14, MRH17, MVMP13, MAA+19, McDA16, MSE19, MSM+13, MYK16, MWL+18b, MCG+15, MBV+15, MCWP16, Nag16, NRV+17, NCS12, NNC+19, OdOD+13, ODk+17, PZA18, PBV+13, PC18a, PVN+12, PLA18, PFP18, PKY+17, PPS18, PBA18, POJ+16, PTM+18, Poun19, PBP16, PKI+18, QCYJ17, QCD16, RGAT18, RT16, RT16, R517, RS17a, RP18, RHPV17, RMI+18, RTS+16, RGVGGS14, RMHMG17, SRZD15, SF19, SB14, SPD+19, SJ+15, SHRE16, SBAD+18, SBB+16, SJTN18, Sha16, SDL+15, SYY+17, SAR18b, SV15, SG14, SKS17, SRKS18, SM18, SYK+17, SB16, SBP+17, SMS13, SBL18, SMZ+16, SLZ+18, TCC18, TLC+15, TSWL17, TDL17, TDO17, TZL+18, TKA+18a, TBB+17, TCBPR16, TCBC18].

Cloud-aware [GJ15].

Cloud-Based [HXA+17, AMPZ16, CPD+15, FPP+18, GMP+17, LOR+18, YAR18, ASO14, BDE17, CFL+15, DMP16, EPB18, GCC18, HLYW17, HHK+16, KRD+19, LCH+18, LNY+17, LSL18, LYL+19, LPBB+18, LHC16, LSJ+14, MZH+17, MG14, MG16].

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

Cloud-computing [ZLZ13].

Cloud-connected [RHPV17].

Cloud-distributed [AB16].

Cloud-edge [CFG+19].

Cloud-enabled [TOD17].

Cloud-end [DZJ+15].

Cloud-Fog [PDH18, MWL+18a].

Cloud-FuseR [SMZ+16].

Cloud-hosted [YKK13].

Cloud-integrated [FCD+14].

Cloud-native [TBB+17].

Cloud-of-Clouds [WLML17].

Cloud-oriented [FKT14].

Cloud-P2P [SYL18].

CloudFlow [ZME+15].
CloudGrid [CCRV13]. CloudIntell [MAY18]. cloudlet [ZGL+18]. cloudlets [Lok12]. CLOUDRE [SG14]. Clouds [GLNT13, GGA+18, AMGCC18, AK14, ASB18, AEMF+18, BL15, CLRL17, CTVB12, CGBPAP18, CKR16, CB16, dCCDFd015, CNTN17, DT16, FWB31a, GCBM17, GGSZ09, GZQW13, HZZ+14, HBN+13, HFT16, HK+18, KrRak+18, KH18a, LIZ10, LLC+14b, LMZ+14, LGY+16, LLL+18a, LLW+12b, LPV+16, LSWH17, LWZ18, LPD+13, LYW+16, LL16, LSMVML13, MJM+16, MJDN15, MGV+18, MG+17, MDD15, MG10, OG18, PFRC16, QGT+18, RMVG+10, RMCMD12, STMV18, SEMJ11, SBA+17, SJV12, T2ST14, TSC17, TdPF+17, TVB18, TSB18, TC+16, VVB31a, VHM11, VKCB12, WHS+18, WG13, WLIH+19, XSM15, XJWW15, YLJL18, ZQB+18, ZB19, dCTVC18, dOOO+13, AN13, ATX13, CVKB12, WLML17, YMY+17]. CloudSME [TKA+18a]. CloudSNAP [MGLPPJ13]. CloudStore [LSB+18]. Cloudy [BFN18]. CloudFlows [KOP+17]. Cluster [BB13, BJCO2, CWJ16, DT08, KV17, OSHH06, WX02, Aba06b, ACML05, BL98, BARMBO14, BYL+18, CDG+14, Cho04, DZ04, DVDD02, EMHE18, Fra08, GS05, GCY+14, Goo02, HO02, HLL+17, JAA09, KZ17, LSL05, LZWX13, LJJ12, LKTC14, MNV12, MFG+14, MM03, MGLV04, NSI02, RBJ+13, RG04, STh+98, SLMO1, SMA08, STC15, SMS14b, SPB+17, VSM02, WKC+13, WHW16, WJZ+17, YAJ03, YLHJ14, ZWZ12, dACAM13]. cluster-based [BARMBO14, LZWX13]. Cluster-group [CWJ16]. cluster/datacenter [LKTC14]. Clustered [BHH+93, GK18, PSL+04, PRC+14, SCY+18]. ClusterGrids [KKJ10]. Clustering [FJ18, GBY16, HO17, LJ17a, LHJC18, Mic97, PC18a, TF18, ZWHC17, BK16, BCF16, Bu18, CJ14, CdSDS15, CSP13, DNW+19, DB99, EP13, FGM11, FT07, GJP+17, GN+17, KCX04, kRBB11, KP18, LBYL08, LMR15, LZGX12, LSV+18, NK17, RCM17, SV16, STP+05, TTT+14, WCL+17b, XZ+14, ZN97]. Clustering-based [LJ17a, LRMS19]. Clusters [MG10, PBM95, AHE17, ADA12, ALM+10, BC15, BBSV92, BL13, BL02, BCP+01, BTM10, CRM+16, CRE01, CP17, CSdCM+17, CBCA15, CG02, CKF06, CGL01, ELvd+96, FQBCF15, Fer96, GCBM17, Gso00, GVD+03, JBP+18, KSS11, LP01, LLL+18a, MJM+16, MTKS00, MLS01, BO04, PK11, PCG+06, PL96, RHB08, RT06, RGDM16, SV+07, STTTK3, SD03, SK12, TC06, VVB11, XDLH12, YIA17, ZGB+17, ZBCT17, ZTD+18, ZSGBC04]. clustering [Gra15]. CM [Mal94, Por95]. CM-2 [Mal94, Por95]. CM2 [CH95]. CMPs [ML18b]. CMS [RAA+18]. CNES [BT93]. CNN [RBGA18]. CNNs [LYL+19]. Co [DX+18, PW09, Ano84i, DVB14, DBD+14, GS15, YCY10, YSC+15, LLS+14, YYW+09]. Co-AdaBoost [LLS+14]. Co-Allocation [DXL+18, DVB14, YCY10, YSC+15, YYW+09]. co-design [DBD+14]. co-operative [Ano84i]. co-processor [GS15]. Co-scheduling [PW09]. Coalition [KIMR15, FX07]. CoAP [GCK18]. CoAP-based [GCK18]. Coarse [Vre88, VF01, SJ18, TKK+14, Vre89]. Coarse-Grain [Vre88, Vre89]. coarse-grained [TKK+14]. CoCaMAAL [FKT14]. CoConut [Ren03a]. CoConut/J [Ren03a]. code [BP01, BST+04, BGS+19, DR05, DMN+05, GKS05, GL95, HD106, HCL+17, IJLC03, LT07, LCL14a, LZZ17, LN94, OBG+18, PSK+10, RBS93, SJ14, SLZ95, WMJW18, vW19]. codecs [EBCP18]. coded [LLWN04, PWMX17, XWM18]. Codes
coevolutionary [CZY+18]. Cognitive Art19b, MK19, ASAA18, AS18b, BKS+18, BMK+14b, CLH+18, Che18, CGM+19, HMW+19, HQ07, LLW+19b, NDZ+18a, NDZ+18b, NDZ+19, TSD18, WLZ+19, ZYZ+18, GTEL+18. coherence [MVL18b].

Collaborations [Tab04]. COHESION [SBHD08]. cohesive [QC18]. Collaboration [ASW11, DPD014, GFD14, BJM+17, BAPS14, BP10, HKU+11, HLL+11, HYS17, HYS18, JHL+06, LZH+18, OPT+17, POJ+16, RMA+16, SS04, SKF+11, SLDK03, UNM+16, WTP+13, YLJ+17].

Collaborative [BGJ+06, BDF+16, BLAV06, FGW+19, HGM15, HAM18, LZY+19, PLLP19, SZP00, TWC+06, WWTF18, WYL+18, BRXdS11, BPS+03, BDMO11, CPE+17, CSL17, CMF+17, CNP+19, DMPP16, DFRW17, DV13, DPS16, DFKF18, FLR+16, GMP+16, GP09, HB09, HAB+06, IGB+14, KZA+18, KPB+03, KKB18, KIAD17, KWK16, LPC+95, LCL+16, LCW+18, LQLX10, LGS+07, LHCC18, MZH+17, ML11, MVG18, MOBD18, MED16, NRR+15, PS10, PDW+11, RW18, RJH+09, RRH16, SHBP10, SCY01, Sip12, SCL14, SLW01, TQL+19, VGBLGS+06, VWD+08, WCVL12, WLB11, YLC+06, ZL13, ZCZ+18, ZRZ+14, ZL04b, ZBF14, dIFVPShL+14, FGG13]. collaboratively [GZS14].

collaboratively-built [GZS14].

Collaboratory [BAD+05, LRJ+06, LJP05, SGP+09, SBdL09, KFP+02]. collapses [KMC18]. collating [AB18b]. collection [DGC2017, HMM18, HYC+18, KC19, PPS+18, TSTL16]. collection-processing [PPS+18]. collections [AFP07, GB99, YDK11]. Collective [Jun17, CFGM16, JMO2, NSF02, SSST17, Szu09, Szu01]. collision [CMZ+18].

collassion [LXJ18]. coIusive [ZHZ+18]. Colonies [TRFR01]. colonoscopy [MSR98]. Colony [PW09, PT16, TA18, CZL+18b, DS04c, FZHH14, HWFW18, HLZ18, TV16, WZ13, XLW+17, ZHQQ18]. Colony-based [TA18].

color [DNW+19, GPV+14, MSM+18b, RM16]. Colorectal [KMB+17]. coloured [AEM10].

Columbus [Gra92]. Column [GVA+16].

COMA [SWCL95]. Combminaion [CWJ19, LLW+18a, WQZ19, WL05, XRPT18]. combinational [CWW+16].

combinator [WGL92]. Combinatorial [HMH17, Sch03].

Combine [LL03, SDST18]. combined [HJK+04, SMBMT+18, ZS05b].

combiner [MLC18b]. Combining [CPGBC16, CFGM16, Che13a, DMC+19, LC01, MWVB12, OCW14, FZHH14, GY90, SK12, WWZC19]. CoMD [PAL+19].

CoMe4ACloud [ASAB+18]. COMFIT [dFBP+17]. comfort [Mat18].

comfortability [WPS+18]. command [KTY03]. Comments [WC06b, WC06a, CXZC18]. commerce [ABCD00, AS99, KF00, ZL18]. commercial [CBN16, Mar86, SMM+14, TKA+18a].

commitment [KKL09b]. Commodity [JBP+18, GVD+03, KDHP16, LKTC14, SVB07, WTC+02]. Common [GAB+14, CZ14, DLW07, FB93]. commons [BFN18]. communicating [MZD+16].

Communication [ADALZ14, CSP98, DKV14, DHS99, Kal94, Ts07, ADOKM06, AKG+17, Bag11, BCFS02, BWR12, BTM10, CST92, CDDR17, DSBC19, DPP03, DT94, DdM10, EAA16, GQXL18, GXL+12, GZL16, GVBG17, GS95, GBY16, GD93b, HAAWH+18, HO02, HML+06, HJK+04, JAA07, KH19, KMY19, LR06, LWL+16, MCN+18, MD92b, MTKS00, MRV01, MVL+18b, MCG+15,
PAG99, PR95, PSK+10, PPAK99, RPA+18, RHPV17, SRZD15, SCEC18, URRK19, UPP17, VSKS19, VCDK18, VV16, WC01, WPGN+18, WTC+02, ZDR07.

Communication-efficient [Tis07].

communication-layer [WPGN+18].

Communication/networking [GXL+12].

Communications [DVV90, EYY19, AMN18, CFVP12, CYHO4, GZL+18, HSC15, HCHH19, MHY+18, QGX18, RGDML16, SAGGB17, Ste94, WQ14, WSZC18, WGX+19, YXZG18a, dSBN19, SHJ06].

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

Community [Car86, LBB+09, RMA+18, BFN18, CWL+18, CWJD19, CGL+10, FPPD14, FLN+18, GP09, GG10, HBN+13, LFL+17, LLZ+18a, Mar99a, PHH+09, OdOD+13, OP97, SK06, ZM97, ZN12].

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

community-based [YMLT13].

community-driven [SBG+09].

Commutator [CMO03].

Commutator-free [CMO03]. companies [STMV18]. Comparative [CA15a, TAHS14, Bal92, BMU18, DNW+19, GRS+19, KDE04, OdOD+13, OP97, SK06, ZM07, ZN12].

Comparing [CW16]. Comparing [HHS+18, KGX95, FPS+13]. Comparison [CHS+18, MFG+14, MOFGP18, VSS+95, BNZF08, CCG07, JS13, KBVH14, KS17b, STP+05, SJ18, ZTKF17]. comparisons [BORM07]. compatibility [SSB05]. compatible [DMMP98, GA13, HDLW13].

compensation [LZLL18a, LZWF19, XXX18]. competency [KRZ12]. Competent [DD86].

competition [JLQ18, SIL+13].

Competitive [AGKZ18, LL04c, PS10, SSL12, WPJ16]. competitors [Ano84h]. Compilation [BM00]. compiler [CMT01, DSS98, GMB19, LJS17, LY90a, Por95, SO98]. compiler-based [LY90a].

compiler-controlled [DS98]. compilers [EGCY+06]. compiling [ZS90].

complementary [PRS12]. complementing [RS16]. Complete [CC07, BP13, KJ18, MCQ+07, MSM+13].

Completely [GMM18]. completion [CND+19, CD03, LZ10]. Complex [BKS98, BCD+18, CCMGF18, CCR18, CCK116, HCB16, LJI1a, SD09, WH05, AB01, BKB11, BAI6, BJ1208, BWR12, BW113, C18, DS99, FGM07, F13, Fre94, FPP+18, GJY18, HAAA05, HSB+18, JSZ+19, MB01, M105, MS018, PK1+18, RWY+18, SW17, SJT907, SM10, SJL+18, WZ18, XSM04, ZYTC15, ZSP17].

complexes [CGV10]. COMPLEXIS [CCRL18]. Complexity [GMMM18, APB1, GVRBV14, TWW+18]. Compliance [SS17, HHL11, LCM18, N12].

Compliance-based [SS17, compliant [LLCF11, SYT09], complicated [LHC03].

Component [BR18, SAPA17, AAC04, ACPI19, BKS02, Fio06, GW01, HAI18a, Le04, LKG07, LST16, L175, Par06, PSS01, SBB15, Re03a, SVN10, Tk05].

Component-based [SAPA17, ACPI19, BKS02, LKG07, Par06, SBB15].

Component-oriented [BR18, Tk05]. components [CY88, DD05, KSS11, Kom99b, LW01, PA10a, WST08].

Composable [LFP+17, OE13]. composer [BGK+05]. Composing [RBC+15, Kom99b, PAD03]. Composite [AM17, Lin18, AT11, BRMN04, OCW14, WCC+09, ZMS+06].

Compositing [MWQ+19, OF18]. composition [Ad14, BML18, FTD17, GMM18, GJGB19, GBA+09, JGFB18, LPMY18, L17b, LWS+12, SJ18, SDC11, TSOB15, TSTD16, UGBM+17, WZ13, XSM15, XLW+17, YKL+07, Z09, ZZL18, LKA+19].

compositional [dSMAdR+17, VR05].

Compositionality [DB90]. compositions
Comprehensive \cite{Tao10, ZGL19, HHK16, LDJL19, NJKH13}.

Compressed \cite{NS17a}.

Compressible \cite{KN06, Ano96b, LF95b, RZDM01}.

Compression \cite{JDW14, ML17, BD18}.

Compressing \cite{KN06, Ano96b, LF95b, RZDM01}.

Computational \cite{AC10, ABMS05, Bis96, Bro92, BDS10, Bun03, CH04, Johl02, Jun17, MCCS90, MGY06, MVAS90, MR04a, MR03b, MvLvW98, Pet89, RG01, SA19, TS09, Tan02a, VMvW97, XA01, AB02, AAB07, Ald89, AF01, BMT12, BKMO3, BFR05, BLB03, BLM15, CM99, CBBC97, CH95, CGJ10, CKR04, DVB14, DLS12, DT08, EGK07, FGG03, FvLTT98, GKT05, GS18, GPS17, Han03, Hu01, Hu89, IAL10, JNYPY06, KH13, Ko89, KX11, KKW14, LL04c, LW08, Litt03, LJP05, LAH10, Lop03, MFN13, MDD99, Meo05, MHA08, MvWvL99, NsH88, NP03, OK02, PIK02, Rh89, RM11, SPdSR17, SMK05, SSST17, SHJR04, SSL12, SL97, SGH10, SKS17, SZR18, TMT07, TBK10, TV08, VDPH09, WFC07, WL05, WHE03, Wil89, WCKW10, WS10, YD05, ZZDM18, ZCW04, CCHW03, GMB10, KFP02}.

Computationally \cite{VCD18, DST10, Pet95}.

Computations \cite{VV92, AQB15, BBSV92, BB96, BST08, HCW18, KL02, LF95a, SK02, SzU98}.

Computing \cite{AC10, ADALZ14, AT02, APS19, ABP18, Ama88, Ama89, AKB18, BB13, CMA09, CFD19, DXA14, FSV19, FVFA98, FBS18, Gen95, Hel16, HB98, HY03, Kow85, KFKBD14, Lid99, LWW13, MGR11, Mes02, OFMZ18, OSHH96, Pal16, PN13, PZY16, SG15, SAPA17, SG14, SPKG18, WRK15, WZM18, WNM10, WSB15, Wil00, Wri19, WXG18, XDWL15, YHL16, YWZ18, AvLR92, AZH18, Aba06b, Aba09, AHS18, ABMC18, ANA16, AJY15a, ABG02, ACGr02, ACC05a, ABS11, AB01, AMD08, ASW11, ANG19, AMH04, ADL12, ADA19, AFF09, ALK15, AL18, AMGCC18, AG05, ARB12, Ano90g, AB03, ADB018, AMS19, BGL08, BJ12, BBBW18, BAV16, BMU16, BL98, BBG10, BKS18, BFS17a, BFB17b, BCB19, BYL18, BKG05, BAB12, BR92, BOP14, BDZ13, BKY18, Bis94, BT17, BdDPP16, BCP18].
[BS91a, CHS+18, AB17, AB18c, BP01, BS92, CLP95, EL98, GGS13, LM90a, RBJ+13, RGDM16, RM11, Sun92, dB90].

Conditional [MAC17, CLM+14a, HYF18, IOV+18, LY18b]. conditions [DS04b, KDE04, MLGGB+17, MSE19].

Condor [PL96]. Condors [ELvD+96].

Conference [Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. conferences [Ano94e, Ano96a, Ano96b]. confidence [DCC13]. confidence-based [DCC13].

Conﬁgurable [CBT+19, Dör05, JNPY06, XWRZ19].


conjunctive [HZL+19]. Connected [BRH18, KMIU19, LCY18, PECA19, RHPV17, UWV92]. Connection [BS91a, BB84, BS92, DFSZ88, BB85, CH95, Por95]. connections [LPE08, Shi92]. connectivity [AC18, BRR+04, JM02, LY18b, UM02, VOS12]. connectivity-preserving [UM02].


consequence [OA17]. Conservation [IS06, Mat18, PPMM+18]. conserved [DCS+07]. conserving [NQQL13].

consideration [GGLW18]. considerations [CGL08]. Considering [KMJ18, WMBV17, ZZH+16].

Consistency [GSD95, KLP19, GVST14, HKS18, LLKF09, OB04, Sip12, TSWL17, ZW10].

Consistency-guaranteed [KLP19]. consistent [PY00, ZSP17]. consisting

[Shi92]. consolidated [SS13, ZFW14, ZLL+16]. consolidation [ABO18, CFF14, FCNRI1, HMM17, HZZ+14, IDM+16, JFZL17, KCV11, LYYY17, LYYY18, LLW11, Man15, MP17, RT15, TDSH16, WCC+16, WLA18a].

consolidation-aware [WCC+16]. consortium [HZLH19]. constant [KHJ10].

CONStanza [PDDS10]. conﬁned [APAZ17, ANF13, ABP16, AB17, ABN17, AB18c, CXL+17, CLM14b, DD05, DSCJ18, HY09, KCK16, MJDN15, MK15, PFMCO4, SSL12, SGJ18, TLL+11, VVB12a, V09, ZYB+18]. Constraint [LPMY18, SSG17, DQLW15, DKFKF18, FCY18, GPS13, Hal88, LYYY18, TSTD16, WLP10, XJY+18]. constraint-based [DKFKF18, Hal88, LYYY18]. constraints [CSL18, FX07, GQLX18, HZC+08, Li18, LD17, LYT+05, LPL+16, LTZ15, NP03, SK16, SL87, TSB18, WTM+17, WZWC18].

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

Construction [KMZJ16, BJWZ08, CBP00, DPS16, LLS+14, PRN14, TWZP18, TM05, YJA03, YPHZ14].


Content [ARP14, EGAQ09, GC00, WSQ+18, AAF18, BCR+12, CdrRdCB19, De88, DFLO17, DS08, FLT17, FMS08a, FM08, FR08, GVI13, GGH+19, HCC+14, HDLW13, LLMP13, LMZ+14, LLF+18a, LZP+18, LLWW18, LSYC18, LPE08, MM08,
NKX09, OCdAM07, QP08, RLL+17, SMA08, SYT09, WLA17a, WXJ+16, YZZC19, Zin00].

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

Content-defined [WLA17a]. Contention [BS09, KIMR15, DLXR14].

Contention-Aware [KIMR15].

Contention-based [BS09].

Contents [Ano01b, Ano05a, Ano05b, Ano11b, Ano12i, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano14d, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, CWJD19, MSM+18b, SKS+18].

Context [ABTA18, ACSV18, KRD+19, ZGZ+10, AGA16, BN17, CHY+18, DMG+08, FG18, FNA12, FD95, FKT14, GA13, DMG+08, FG18, FNA12, FD95, FKT14, GA13, HSB+18, JOSD19, LRJG19, LG08, Lak12, NKB19, POJ+16, PEG05, RMSP17, SGY+07, SM01b, TCB+17, UGBM+17, WYH+17, WYL+18].

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

context-cloudlets [Lok12].

context-sensitive [JOSD19, WYL+18].

contexts [XYLZ18].

Contextual [MLL15, dSMAdR+17, PNZ14].

contextualized [SA07].

Contiki [ZAI+18].

Continental [MBC+11, RV95].

continents [UNM+16].

contingency [DCM+14].

Continual [ZLXZ18].

Continuation [DP03b, PPAK99].

continued [WTS14].

continuity [MBMJ18].

Continuous [DS04c, KC19, PLGMCf18].

continuum [Low01].

contours [HWWT12, HZM14].

contract [VVB15].

contracts [GPK05, LKA+08].

contracture [MSA+19].

contrasting [MRL14].

Contributing [FTK17].

contribution [MCWP16].

Contributions [Ser95, ALFR16].

Control [ABF93, BT93, BL92, CLL+18a, CDL+16, KESL17, YLWW18, AHP16, AT96, AR98, AMHJ10, BR18, BKM03, BX04, Che13a, CYSZ19, CZM+18, CZZ+18, CJK+18, CSC+92, DCMB15, Dat03, DL03, DLDTGMP16, DHL18, FJL+16, FNC11, FMR05, FX07, FS18, FM10b, FSM+18b, GMH10, GZL16, GHD19, GW03, GY90, HLW12, HV92, HLX00, Hua10, HDD18, IS18, KRD+19, KLM+03, KKS+18a, LHO17, LLW+19b, LHC03, LKL18b, LLZ+18b, Loss03, LC03, MHYH18, Mam09, MM10, MLGGB+17, Mer13, MLW+18b, MWP1B12, NR1+17, NLL17, NJ16, NA19, FPWW12, QCX18, RSL18, RSR01, SMA08, SMSF18, SCL14, SYK+17, SCP09, ZR18, TDC+14, TG07, TV16, VPF+19, VFHB14, WC06a, WC06b, WC06c, WZ08, Wan18a, XMS15, YXZ18a, YAO2, YAX+18, ZK17, ZCL+18, ZF+18, ZSL+19, dBSN19, vDLE19, BL13].

Control-Application [BR18].

control-theoretic [FJL+16, Hua10].

Controllable [FH13, YD18, ZWGC19, GZ04].

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

controller [FJL+16, Ros05, ZXD+19].

Controlling [GCD+18, HAAH05, PECA19].

controls [EV96, EL98, QGT+18].

convection [JN01, Tab06].

convection-diffusion [JN01].

Convenient [BK01, WHY17].

Convergence [Kim14, SPS18, CDF+05, Gut00, LJJ18].

Convergent [MFT+17, TSWL17].

conversion [AC01].

Conversions [Rus90b].

Convert2Java [AC01].

Convex [SSMG95].

convolution [LYW+18b, vWMB15].

convolutional [AFO+18, AMBB18, ASYF18, CZH+18, HUY+19, LLU+18, TBS+18].

cooling [Len16].

cooperating [CWD04, Reh06].

Cooperation [Nar86, BDP11a, FMN+17].
correlation [LD17, dFPFG19].

Cooperative

[EA13, FMR05, GP09, HDH+18, HMC06, JO11, Nag86a, PP07, PMFH11, RR10, SYJA19, Wah84, CZY+18, CBK+01, DPL14, FTH16, LJ17b, LD17, Mer13, PNZ14, RBHM08, YC13, ZHU18, ZL04a].

Coordinated

[FX07, BCh+08, CRVZ15, ZXD+19].

coordinates [HHZ16]. Coordinating

[GDR+14]. Coordination

[THN+06, YZC19, FTP14, MSBA16, PA01a, Pap05, Pro07, WK100].

coordinator [CTBV12]. cope [ZCS+16].

Copernicus [PLL17]. copies [Dup90].

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

copy [DS00]. copy-hybrid [DS00].

coral [FPFC18]. coral-reefs [FPFC18]. CORBA

[LAN00, LRW01, LDS06, LLR02, RSH+00].

CORBA-based [LLR02]. Core [HT02, TAB+18, CKFJ06, EDH+13, HAF+16, HYZ16, JLY+18, LC14, LG+16, LG16b, MWYC12, MAC14, MCA+18, MBM18, MGMT18, MCF+11, MMRL17, PSSP16, PLL+18, PSLZ18, PK11, PRC+14, QZM+18, RS17b, SK18, VD16, WJZ+17, WZC19, WSH+16, YMW13, YLY+17, YZ12, YDT19, ZAB15, ZLG+14, ZHQ18, VK17].

core-shutdown [WWZC19]. CoreFlow

[KBLG18]. cores [Eng14, HLZ18]. corner

[HTL+18]. correct

[GA96, JMG19, Pro07]. correction

[KDH16, KA88]. correctness [MD92b].

Correlation

[FAA+18, GJY18, GHP+18, YLY+18, YGY+19].

correlations [LD17, dFPFG19].

Correspondence

[DM+05].

Corrigendum

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

corrugation [LSZ+18]. CoSHE [PMD18]. COSHH

[RD14].

cosmic [NMZ06].

cosmology

[LB03].

Cost

[APAZ17, ALK15, AK14, BKKM11, GR07, KV17, MFN13, MEBA12, WMY+17, ZQB+18, ADA+19, AL18, BSE+13, BG05, BBB+19, CRM+16, CHSA18, CWJ+18b, CSL17, DMC+19, DR18, GBS10, GD10, GS16b, GE90, HGG+14, KK16, LGY+16, LGL+17, LEW19, LYL+19, MJN15, MFG+14, OCK14, RS98, SD02, SHIR04, SG18, SBA+17, SDD+09, SK05, SYAL13, TDSH16, VVB13a, WY17, ZG19, ZRLZ18, ZTS+19, de94].

cost- [MJN15].

Cost-aware [ALK15, GS16b, HGG+14].

Cost-benefit [MEBA12]. cost-constrained

[KCK16].

cost-effective

[GR07, WMY+17, CWJ+18b, CSL17, DMC+19, KK16, MFG+14, SBA+17, WY17].

cost-efficient

[CRM+16, GD10, SG18, VVB13a].

cost-optimal [BG05]. costs

[KACN16, MD12]. count

[XWW+17].

counter [DLTGMMP16, VOCH17].

counter-forensic [VOCH17].

counter-measures [DLTGMMP16].

countermeasures

[FAA+18].

counters

[CLP+14]. couple [BC17]. coupled

[AGP+92, BC15, BDNP92, Kmn94, LLS+14, MD92b, MR04a, MS92, SMK05, ZCT+04].

Coupling

[BC15, HNS05].

couplings

[PM14].

Courier

[AT18b, ZFW14]. course

[BLB03].

coverage

[LWH+18, LZXG12, ZFW14].

COWB

[DMPP16].

CPF1 [AHEM17].

CPRS

[LCH+11].

CPS

[FVS+19, LLW+19a].

CPU

[BSB18, BMM10, CDG+14, DLS+12, GJF+12, IPCA+16, KAD16, KAN18, KAE+18, MDB+18a, RB13, TTH15, VD16, WMQ+16, ZS+08].

CPU-based

[GJF+12].

CPU/GPU [CDG+14].

cPUs

[ZHHQ18].

CR

[CLL+18a].

cracked

[OS06].

Cracking

[VSM+19]. craniofacial

[CPE+17].

crash

[HDC+94].

crashes

[PWP+18].

crawler

[BLMU19].

Cray

[KBVH14, MPG96, SCK+00].

CREAM

[AAB+10].

Creating

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

creation
| ACM'18, HA16, Mar98b, Mar99a, TBD+02, WLB11 | credentials [SSA+19], credibility [PB18], credit [JFDF09, KCS14], credit-based [JFDF09], creditable [HCL+17], CRFID [CWSW19], crisis [SCL14, VDK12], criteria [AFSH+19, ADKS06, EG18, FJJ+18, KHG+18, KA19, MLSF16, PDASM18, WHP09, ZZH+18], criterion [FTK+14, SKJ01], Critical [AHEM17, AL14, BMR15, BKB18b, DNG17, FDP17, MC04, RSRA18, RRU+18, SOA17, SSC09, WTM+17, WWT+16, WHYZ+18, XTF+19], Cross [FSM+18b, MFT+17, YZL+18, dSBN19, AKCY+17, JBM+18, LZH+18, LXMW15, LSD11, LWW+16, QZD+18, SSG19, SSB13, XWM18, ZN12], cross-datacenters [XWM18], cross-disciplinary [LZH+18], Cross-domain [YZL+18, SSB13], Cross-layer [dSBN19, AKCY+17, LXMW15, LWW+16, ZN12], cross-layered [SSG19], cross-Mapping [MFT+17], cross-platform [QZD+18], cross-stream [LSD11], crossed [CFL+18, GL04a], crowd [AMPZ16, CFGM16, CWW+13, KAS+18], crowdcomputing [WHS+18], crowdsensing [DWJM18, MAD+16, YLWW18], crowdsourced [LLGY18, MMF16], crowdsourcing [LDS+18, SYJA19, WLA18b], crowdsourcing-based [LDS+18], CROWN [HSH+07], crust [OS06], cryptographic [BDNN02, WMX+17], Cryptography [CDZF16, DXA14, AMN18, MCN+18, MK17, YXA+18, ZWX+18], Cryptosystem [WSQ+16, GLB+18, LL04b, YY11], cryptosystems [Wan19], Crystal [KS02], Crystallization [VScD94], CS [GD93b], CSCW [Bar11], CSP [MRV92], CSTP [LSD11], CT [KKM+19, SGL99], CTDNet [KGW95], CTPSO [XRPT18], cube [CFL+18, Pan95b, JYA03], Cubemat [Shi92], cubes [SAKOK03], Cuckoo [CWJ+18a], CUIDATS [ABC+18], cultivate [AHdJF97], Cultural [PC18b, CCM18, CMP+17, MKS18, Nit86, PPM+18, WDJC18], CUMULVS [WKF03], CUPUS [AMPZ16], curation [GZS14, GML+13, HBBH09], curative [Bo19], currency [PRS12], Current [BHD09, Fur92, KARP14, MK88, NAF86, KBVH14, MIZ99a, dLRW03], curricula [MR03b], curvature [Jun18], curve [AMN18, LL04b, MCN+18], curves [SW05], customers [ABCD00], customizable [MDD15], customization [SSW+19], customized [RSSD02], cuts [HSS00], CWI [Baa87], Cyber [HLV+16, LWW+16, NLM+16, OFD17, RVC16b, RVC16a, SYJ+19a, SHS+19, UNM+16, ZZLR18, AHS+18, APRC16, ABP+19, BK16, CM17, DWJM18, EAED18, EG18, GBV17, GAW+18, GDH19, GDDM+18, GMP+17, KB16, LSZ+18, LLF+18b, LLS+14, LSL+15, LZY+16, MPPF19, OA17, PKF14, PDT+18, SMS14a, SKZ16, SZD+17, SM18, SDK19, WLZ+16, WZH+18, XLZ18, YPJ19, YS16, APRC16, YYW+09, Zhu14], Cyber-Enabled [ZZLR18, LSZ+18, LLF+18b, YPJ19], Cyber-Physical [HLV+16, LWW+16, OFD17, RVC16a, ABP+19, BK16, EG18, GBV17, GDH19, GDDM+18, GMP+17, KB16, LSZ+18, LLF+18b, LLS+14, LSL+15, LZY+16, MPPF19, OA17, PKF14, PDT+18, SMS14a, SKZ16, SZD+17, SM18, SDK19, WLZ+16, WZH+18, XLZ18, YPJ19, YS16, APRC16, YYW+09, Zhu14], Cyber-Transformer [YYW+09], CyberGuarder [LLW+12a], cyberinfrastructures [CGRAP18, DGGH11], CyberLiveApp [JLJ13], Cybermatics [NLM+16, ZZLR18], cybersecurity [FPP+18], cycle [DJZ+00, Goo01, SFR15], cycles [PL96, SK05], CycloidGrid [GDJ+13], cyclone [VBL99], cylindrical
Datacenter [YM17, ESPN17, KM18, LT14, SR16].

datacenter [LG18, LPB18, MR17, SP17, WC14, XM18, ZG19].
datacentre [Len16].
data centres [LJGW18, LPB18, MR17, SSP17, WC14, XM18, ZG19].
data
ow [GY90, Gur85, GBT87, HG92, KSY92, PPLL17, ZT90, ZT91].

data
ow/von [HG92].

DataGRID [VB03].

DataMiningGrid [SSK08].

dataset [WZZ16].

Dataspace [CDH19].

data
ow [GY90, Gur85, GBT87, HG92, KSY92, PPLL17, ZT90, ZT91].

data
ow/von [HG92].

DataGRID [VB03].
Detection
[BOHCC17, RKB18, WLW+18, AMM16, CZ14, SCB04, SM18, SK05].

Deterministic-routed
[GMLGB+17, GHP+18, GLXF17, SAPA17, ZJW+14, AD18, AM16, AHMS18, ASYF18, AKM18, AS18b, ALFR16, BTG19, BBH18, CXZC18, CCCC19, CR+19, DJPM18, DNJG17, DC18a, ENC+12, FJ18, FZHH14, FCD+14, GAFPOG12, GPV+14, GRG+19, GNGG17, GSY+17, GMC16, GMC18, HTH+18, HHS98, HNJC13, HZZ+18, HZW+16, HAA+16, HIA+18c, JNHL18, KHWZ18, KIAD17, KAW12, KTV03, KKP00, LRL+14, LJY+10, LLN+18, LJY18, LYXT+14, LSL+15, MAY18, MGA+18, NK18, NGB18, NJ17, NO19, PMK18, PRW14, RBGA18, SPT+18, SC19, SOD18, SD18, SMRM13, SI18, SSA+19, SB18, SGS+18, SBK18, SJL+18, TBS+18, TM+19, VSBN19, WW+17, WJS+18, WWZ+18, WXZ+18b, WCM+19, XFTZ+16, YWJ+18, YARH18, YCWX18, ZZH+18, ZGV19].

Device-Device
[HCHH19, WWJV17, DSB19]. Diseases
[WLPI18, APRC16, AT19a, AKB+18a, BRSR18, BOP+14, CRRC18, CBPP18, CR+19, DC17, EYY+19, GMM18, HZZH18, HCM+18, JKL17, KMU19, KK07, KKA18, LKJ+19, LCMX16, LNY+18, LYL+19, MCM+18, OB04, RSRA18, SAGGB17, SBS+18, TLC+15, VFHB14, Wan18b, WG+19]. DevOps [WBKL16]. DEVS
[SZP00]. DEXIN [FLT17]. DFIN[Q18].

Diabetes
[BLO18, BDC14]. Developing
[AAB+92, DW87, GW01, HZZ+14, HCJ14, LLPP13, SR19, GJS+94, Ham17, Kim14, LJ+17, LGS+07, LKJ17, Ren+03b, SWW+13, TKA+18a, WCH+18]. Development
[BFR05, BHH91, DDO+92, GML99, IMK89, YA02, BdCGY05, BHH92, Cas94, CGL15, Dal03, Dsk86, DJ+00, FJ00, FRS+18, HRSW99, Hen87, IMSV90, KDF19, KV03, L90, LWS+07, Mat89, MPMF19, RG04, SBLW14, Sp+12, SHJ+10, TB+10, TF17, TCBC18, WWS+98, dFBP+17].

Device
[HCHH19, WWJV17, CLK+11, DLR+09, DSCB19, FRM+18, FGH95b, Kaw92, LPL+16, MKS18, SGFS01, SLDK03, SW06]. Device-Device
[HCHH19, WWJV17, DSB19]. Devices
[WLPI18, APRC16, AT19a, AKB+18a, BRSR18, BOP+14, CRRC18, CBPP18, CR+19, DC17, EYY+19, GMM18, HZZH18, HCM+18, JKL17, KMU19, KK07, KKA18, LKJ+19, LCMX16, LNY+18, LYL+19, MCM+18, OB04, RSRA18, SAGGB17, SBS+18, TLC+15, VFHB14, Wan18b, WG+19]. DevOps [WBKL16]. DEVS
[SZP00]. DEXIN [FLT17]. DFIN[Q18].

DFT
[BST+04]. DGC
[TF18]. DHT
[HNK+18, HZ10, PTT12, TJWS10]. DHT
[TFWS10]. DHT-based
[HNK+18, HZ10, PTT12]. diabetes
[BP11, VFHB14]. diabetic
[MDA+19].

diagnosis
[AAN+18, AASI17, BvdBM+93, CLZ18, CFL+15, CD99, DFT92, FM01, Han89, HKO+19, KL+18, KE+85, MH01, Suz89, tTvH96]. diagnostic
[ASTE98].

diagonal
[DL03, PS+18]. diagram
[KS02, SCK+00, WZW+19]. DIALOG
[MT90, ZT91]. DICOM
[EGAQ09].

dictionary
[DPS16, ZWW18]. difference
[A006, BG12, CS93]. differences
[Ni86, PBHK01]. different
[BARM+14, DFG14, JZWL17, RJN+19, RWY+18, SD06, SCG+18, VM94].

Differential
[DL03, BC03, Del06, HZL18b, KS18c, LWZ18, PSY+19, SS03]. differentially
[ZXLZ18]. differentiated
[PEG05, SPBT07]. differentiation
[Bü05a, Bü05b, Fun05, HNP05, HHHG05, HNS05, Pal06, Rö05, SBLT05, TSB11].

DiffServ
[BLO+18]. Diffusion
[BKS98, vS04, RMP01, Ban02b, DH16, JNR01, KZ04, Mar02, WRCC17, CSV+12]. diffusive
[BMZ10]. Digital
[AFS16, LCHW14, ML+11, QC13, QC18, SR19, TS08, CCMP18, DGA18, FBBW99, HESM99, KY85, LCH+11, MJGW18].
Donating [WPJ16]. Doores [vdR87j].
Dordrecht [vdR87f, vdR87k].
Dordrecht/Boston [vdR87k]. Double [LEW19, DCBF19, KA88, LBj18, LY18b].
double-orbit [LY18b]. down [SCH19].
download [CGL08, Li15]. DPM [CGM+18].
DPRank [LXM+18]. DQP [LMH+09].
dragon [CLR16]. drainage [ZMZ+19].
DRAM [CSJ+17]. drawing [Btc05a].
drawings [Niw89]. DRAxML [SLO+05b].
Dreyfus [Zad87]. drift [HXC+18, TSRG17].
drive [SYW17]. drive-thru [SYW17].
Driven [VV92, YTHY84, AJY12, BFS+17a, BFS+17b, CVKB12, DCC+14, DWS12, FC05, FFC+18, FZT+18, FTP14, FG14, FFC12, Fr94, GEG14, GFB+12, GMP+16, GKT15, Ham17, HHK18, KCK16, KADJ18, Koli18, KKS+18a, LvW14, MTH+05, NJH+18, NJ16, ONHT89, Pal13, PMK18, PKC+05, PdAF12, RZ16, RBN13, SBG+09, SLZ+09, SMS14b, TCBC18, VCKB12, VETT16, VPF+19, WVCV19, WLH+19, YML13, ZAA+14, ZCX+18].
driver [JCMPPC+18]. drivers [FWP+18].
drives [PLZX19]. driving [FPL+19, LKM19]. drone [LLN+18].
drones [PEC19]. Drop [CNP+19].
droplets [DY04, QC13]. DRTX [HDA+19].
DRTM [DJZ+15]. drug [HSV+17, KKL11]. drugs [WAW19].
drying [Jun18]. DSM [CCS+10].
DSM-based [CCS+10]. DSP [EFDO0].
DT [vKVW+13]. DTA [WXJ+16]. DTN [WSZC18].
DTRM [LHX+18]. dual [BWR12, BW13, ESPN17, VAdP12, ZDR07].
dual-band [VAdP12]. Dual-Level [ZDR07]. dual-port [ESP17]. duality [UM02].
dumps [Dal06]. duplex [WG+19].
Durham [Her87]. during [AKM18, BWR12, Niw89, RS17b, SK18, SLC+17]. Dutch [BVP+87]. DVC [CT09].
DVFS [BBC+12, KAC+18, WCC14].
DVS [LLC14a]. DWAR [WZS+18].
DWT [KHO+19]. DXT [HSP+13].
DYMOS [Suz89]. Dynamic [AMT+12, ABB19, Ber00, CszG+13, DMG+08, DLDTGMMP16, DRR+07, EG18, GGD+18, GMM+09, JEB18, KMK09, KMK+14, LD17, LCL+18, LH07, LWSY18, MNV12, MDO+15, NV11, NSSA+14, OSH96, PSSP16, RHE06, RN01, RYJ+14, ST11, Sch98, SLJ+06, TLYT05, TMW+17, TNP15, TSAER18, WCHL10, XWJ+16, YCX18, ZAB15, vOHD+05, AAC04, AF07, AHH11, AS12, AN08, BML18, BN17, BTM10, CLR17, CDDR17, CJJH13, CWJ+18a, CGSV17, CNP+19, CBBdL16, DSK+14, DHB02, DGR+15, Dog09, FLT17, FMM+17, VFVA98, FBW13a, GQLX18, GEG14, GS16b, GMEL08, GB10, GNWT05, GLB+18, HZW+18, HRW18, HMW14, Hua05, HPL09, HBN+13, JBR+16, JSS+12, JK17, JM01, KIS11, KCM19, KID+16, KC19, KH18b, KAS+18, LCP04, LY18a, LXY18, LYY+18, LHM14, LJL12, LN18, LRM19, MGCY06, MPC+18, MR04a, MTD18, MDD15].
dynamic [MSE19, MW12, NPP12, PA01a, PAL+19, PN14, POJ+16, PF17, RB18, SR12, SHP+16, SRZD15, SLD+15, SLG+17, SGdM96, SG18, SYAL13, SYL18, VAdP12, Ven08, WG00, WCM+19, WWZC19, WLA18a, WZ13, XWjZyF19, YZL+18, YZ12, YMY+17, ZSBS18, ZDR07, Suz89].
dynamic-key [LCP04]. Dynamical [LMBCC8, BKB18a, GLW99, Lop03, MPQ+03, XT18].
dynamically [AAB+92, ABN17, LKJ17, QCY17].
Dynamics [vOB95, Bn05, BMZ10, CM99, FAJP99, GPS+17, JTB13, JL03, KVK+18, MF03, MR00, PHM+99, SCK+00, Tns04, WJL18, Wss99].
e-commerce [KF00, ZL18]. E-health [WMX+17, RGN+18, PKY+17, YZL+18, YZG+18, ZAA+14].
e-Healthcare [ZXL18, JNS+19, LZLL18b].
e-infrastructure [MSS+13], e-Lab [BGJ+06], E-learning [CJN+15, CLL+14, TNY17], e-mail [LL04b], e-markets [VPT+10], e-payment [CLM+14a], e-Science [BDP11b, CBN16, CF09, DGST09, HT02, ZBB09, BHD09, JHL+06, SAGL10, SBB+09, AC10, BH13, KA13]. e-Social [LSAM13], e-Toile [BBG+05], e-VLBI [WWD+14].

E2S2 [KLP19]. Eagle [CK00, KGW05, MSS02]. eagle [GJGB19, LPV+18]. EAMSuS [MPI+18]. Early [AAJ17, ACE02, ZPPE17, SPT+18, UZ11, VMN+18]. earth [GNOY01, SSMG95, Bre89, CCM+14, FPX+09, TWC+06, WKZ+03]. earthquake [BSE+13, ZPPE17]. Easing [LP01]. easy [ABF+03, MZC08, ZDW+16, vdPGZ+16]. easy-to-use [vdPGZ+16]. Eavesdrop [FZW+18]. EbH [GMdFPLC17]. EC2 [BC15]. ECA [KA08]. ECAI [Ano84e].

ECAI-84 [Ano84e]. ECG [CPK05, GMdFPLC17, IASK14, PVN+12, PLGMCdF18, SD18, WPS+18]. ECG-based [PLGMCdF18, SD18].

ecoinformatics [PWB+13]. ecological [KSSG16, PSW+14, TSTL+16]. Economic [AB19a, ABGMC19, YW12, D508, HAP11, HAP15, LTN10, RMCMD12, dACAM13].

Economic-based [YW12]. economical [GFW+18, LLZ+18a]. Economics [ABP18, BAV16, VAR14, ARB12, AR10, TL19].

economy [ABG02, ABP18, KHG13].

ecosystem [AMPZ16, DDMG17, GHGP19, GPJA+14, MVL+18a, SHal6]. ecosytems [CGM+19, LMBCC89, ZDDM+18]. ERC [Gal87]. EDAK [ABB19]. EDAWS [WHY18].

eddy [NEJP94]. Edge [AR17, AHM+18, CLH+18, DMC+19, GSP+17, LOR+18, MPLM18, OFMZ18, SST18, WZM+18, AHS+18, ANG+19, AHU+19, AK18b, CFG+19, CGSV17, CGM+19, EBCP18, GRX19, HHS98, HMZ18, HMA18b, HMW+19, HLT+18, IG12, KZ17, KA19, LW18a, LY18b, ML+18a, MBMTRJ18, QZD+18, RGN+18, RR18, RLM18, SPJ17, SYJA19, SLL+18, TGM+19a, WMJW18, WLH+19, YCH19, YCX18, GQXL18]. edge-based [CGSV17].


edge/cloud [ANG+19]. edible [Jun18].

edited [Zem86]. editing [LHCC18]. editor [Ano87k, BB13, KDFL99]. Editorial [AKvdR86, ADLW12, Ano84f, Ano86g, Ano99, Ano19b, Ano19c, Ano19d, BLRL03, Brou01, CRW+16, DHH00a, FM01, GVTL18, Her94, HB98, Kaa98, KG01, MA01, ON85, OS01, PC18b, RR03, RB13, SG95, TKRA14, VN01, Wi100, YAGG18, ZEO01, AB01, AD00, Ano01c, BJCO2, DDS00, FBS18, Fm03, HP92, KK00, LBR02, LC01, SSZ13, Tan02a, vdR93a, Ano84g, Ano86f, Ano87, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93b, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13l, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m, Ano16n].

Editorial [Ano160, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16w, Ano16x, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano19a]. Editors [Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano05g, Ano02b, Ano03h].

Editorship [Kau99]. EDPEPPS [DZJ+00].

Eds [vdR87a, vdR87c, vdR87e, DLH+17].

education [AMB03, Avg00, KACN16].
KZBK99, MM18,Wie03. **Educational** [AD00, MJ00, Jon00, RMM+98]. **eduGAIN** [TOS18]. **EEG** [AHD+9, De 98, JSS+99, KKP+05]. **Effect** [PLGMcdF18, Tor04, Bo19, RWY+18, Nii18]. **Effective** [KV17, PKF14, SCBK+16, BAD+05, CWJ+18b, CC00, CSQ17, DMC+19, DLS+12, GR07, HHL11, HCL07, HYC+18, HPLL09, KSBa, KK16, MFG+14, PFRc16, RT16, SBA+17, WWH+17, WMX+17, WY17, ZBCT17, ZRZ+14]. **Effectiveness** [YIZ18, ECPF17a, Man15, PM04]. **Effects** [JK17, CN17, GPS+17, HSS00, LRYJ17, PM14, Yam92]. **Efficiency** [ZMN99, DDB14, Dua94, FTK17, IM+16, JLRS18, KSSG16, KH+18, KKvdB+17, KV12, KdGP+19, LSB+18, LPL+16, PLLA18, PR95, SDL+16, Sta17b, SG15, TKA18b, THT12, VEET18, WXL16, ZMS+06]. **Efficient** [ABB19, BK97, Ber98, BBL+05, CXL+17, CAPG18, CXC+18, DZ08, DLH+17, FGG13, HFM19, HZL18a, HFL13, JC08, KCV11, LLYW19, LR01, LKG07, LQK+16, LAL+14, LKX+14, LH07, LNA19, LSTV07, LLM+16, NWMG17, OBG+18, PHL98, PRs+13, PWXM17, PPS+18, PRN14, RM11, SJ14, SL87, TLC+15, TV08, VK14, WCC+16, WBS+17, WCM+19, WZC17, XWX+17, YHL16, YLA18, ZGB+17, ZXJ+14, ZWL+16, ZFS+18, ZWJ+18, Aba09, ABM18, AMH02, AR15, AQRH+18, ARP14, AS18a, AAM+16, AK18b, BK16, BZ19, BAB12, BPS06, BF05, BMH10, Bu18, CMX+16, CRM+16, CP17, CFMC19, CLM+14a, CSJ+17, CXL18, DSBC19, DHV+17, DAM08, DVL2, DQ1L05, DR18, DNPI4, FJ00, GD10, GKS05, GK18, GBS+12, GNW05, HMD17, HHG05, HXY13, HYS17, HYS18, HMP04, IOV+18, JYY+17, JLC12, JFZL17, KKN18, KKB18, KMT14, KLP19, LBD18, LY17, LY18a, LBM18]. **efficient** [LLQ14, LCL+16, LLC+16, LYY+18, LAL+15, LSYC18, LC01, LC15, LZG12, LG16b, LCXM16, LW18, MNV12, MPP13, MMF16, MP17, MZD+16, MLM16, MAO17, MGL04, MRML17, NF07, NP06, NRV+17, NDA+19, NWL17, PP16, PZ12, PY00, PWY03, PDH18, PPM+18, PF17, PV16, PPLL17, QSMG12, Raro17, RGSL18, RG04, Rmn99, SB14, SC16, SAG10, SJTN18, SGJ18, SLS+09, SRN+18, SCBK+16, SHL08, SYAL13, SLA+16, SLB+17, SLY+19, TDSH16, TPBS14, Tis07, TM05, VVB13a, VTTK17, VCD+18, VGC+13, WMO13, WFC07, WCC14, Wu16, WPJ16, WHYZ18, WLH18, XZZ+14, XDH+17, XLL18b, YPZ17, YID+14, YZG18, YDT19, ZQZ09, ZL13, ZTKF17, ZCL+18, ZZS18, ZZXL18, ZD+19, ZFC17, ZFC18, dTK92, LOJ+07, MPI+18]. **Efficiently** [ABL04, BRR+04, SSC09, XTF+19, ZC18, BSE+13, KTY03, LFH+15]. **effort** [MZC10]. **efforts** [An08]. **EFG** [YGY+19], **EGEE** [FKBG10, VHML10]. **Ego** [GPJ17]. **eHealth** [FFC+18, PZ18]. **eID** [FRZ19, SGRC16]. **eigen** [CHJ+04]. **eigendecompositions** [DP03]. **eigenvalue** [BV04, De06, Pr03, SGT+08]. **eigenvalues** [A006, CDS03]. **EJOB** [vdR87e]. **EFK** [BRB19]. **EKF-MRPL** [BRB19]. **Elastic** [ISS+15, MLO01, NF07, BKKM11, CRM+16, CVKB12, CTVB12, CLNR18, FEP18, GGS13, HhHAS04, LPBB+18, LSJ+14, MWQ+14, OS06, UVDW+18, MTD18, SJV+15]. **Elastic-PPQ** [MCD18]. **elasticity** [Bel16, CBLS13, FJL+16, HGG+14, KC14, LSB+18, MAB+15, MCD16, dRRR+18]. **eLearning** [FJA+18]. **election** [SW02]. **electric** [DMMP98, MHW+16, SLTK19]. **electrical** [DFT92]. **electricity** [MHW+16, MD12]. **electrocardiogram** [BL+19, DNW+19]. **electrocardiography** [PCB99]. **electrodes** [WPS+18]. **electromagnetic** [Dae95].
electromechanical [LW08].
electromyogram [NUPA19]. Electronic
[FGCM07, BRS04]. Electronic
[Öst92, ABCD00, AS99, BAB13, Bur02, Din03, FP03, HPP+18, MCSS00, TC92, YKO17, ZDL+13, Bur02]. Electromsmog
[Da95]. element
[AS99, LDS06, SW05, Tbl06]. Elements
[CBS17, GBMP13, SP93, SMM+14, WA06]. elephant
[AS18b]. Eley [YZ18]. elimination
[Tis07, ZHL+18]. elite
[LZWF19]. elliptic
[AMN18, LL04b, MCN+18]. Ellis
[Ano86i, Ano87b, Ano87l, vdR87d]. EM-3
[YTHY84]. EM-4 [KSY92]. Embedded
[ADH+16, HYZSI6, LSAM13, AMR18, CRRC18, EYY19, FLR+16, NWE04, Pud87, QZM+18, STC15, VRGR16, LLS+14]. Embedding
[Pr95, CZ12, LWSY18, NS19, SYAL13, YHH+19]. emergence
[GAW+18, Gra01, RGSL18]. Emergent
[MVCC10, SHRE16]. Emerging
[AWYJ16, KLH+18, RR18, YGS16, BYV+09, How91, ZGL+18]. emission
[JCMPPC+18]. EML [TDFZ18]. emotion
[CPP+18, DYC+18, LRL+14, XYY18]. emotional
[ADH+16]. emotional-based
[ADH+16]. Emotions
[CRC+19]. empathetic
[HZM14]. emphasis
[TAH31]. Empirical
[IKLL12, Cur92, DS99, GAB+14, RMJ+18]. employing
[LRC+18, RSY+18]. empowered
[ML11]. Emulating
[ACP19]. emulation
[FP+18, SGN+17]. enable
[MPP13]. Enabled
[HFT16, ZZLR18, AT19a, ABB+03, AKB+18a, ABF+15a, AMPZ16, BS11, DWJM18, EPJ+05, F507, GLM+08, IASK14, JHL+06, LSZ+18, LLF+18b, LW18a, LKG08, LWSC07, MID16, MGYC06, MJ06, MPC+18, MGN+16, NJW+06, PKC+05, QLM+18, QCY+19, TOD17, TAS+18, VOS12, XAW+10, YPJ19, GRL11]. Enabled/disabled
[HFT16]. enablers
[Bel16]. enables
[AB01]. Enabling
[AUSA19, BMH10, BP10, CDH+19, EKGS14, HGG+14, IJCR19, JRJ+11, KDHP16, KPM+18, LCHW14, Mm09, MGA+19, RJH+09, RMHCMG15, TMV+07, TTK+14, TCN+16, WHHC19, WCKW10, YIA17, ZL13, ZLR+15, AZH18, DFMR17, ET08, GEML08, KT08, KPS18, LLAH13, MW+03, ML00, SSK+08, SSLF+10, YCH19]. enacting
[CAB+18]. Enactment
[HMS15, Ball6, JTB15+15, dlvFPSH1+14]. encoder
[LCL+18]. encoders
[RSY+18]. encoding
[JLCC12, KP12, XWM18]. encrypted
[AHM+18, BGP+17, CDL18, DF97, JLC18, KHB+18b, LKK+14, YXD18, ZFH+18]. encryption
[AMHJ10, BBL+19, BGP+17, DLZ16, DDLZ17, FAA+18, FH13, HQZH14, HZL18a, HFT16, HYS17, HYS18, HYF18, JSMG18, KHMB13, LCP04, LLL+18, LDZW19, LL16, QWR+18, Wan18a, WZCH17, YCT15, ZJX+14, ZDW+16, GMdFPLC17, LAL+15, Sar18a]. End
[BGP+17, LOR+18, MG+16, RHPV17, AHP16, ASAB+18, CWSW14, DJZ+15, GGC17, JLU03, KT08, LLLP13, LAS16, MVL+18b, PVSS17, PWP+18, RAA+18, RMDB18, Wan18b]. End-to-end
[BGP+17, LOR+18, MG+16, RHPV17, AHP16, ASAB+18, MVL+18b, PVSS17, RMDB18]. end-user
[LASL16, RAA+18]. endoscopy
[KHO+19]. endpoint
[SCP09]. Energy
[ADA+19, AS18a, AC18, BABB12, BBC+12, BCDP12, CP17, DQWL15, DBB14, DMM14, DCMW17, GBF+12, HCHH19, KKvdB+17, KCS14, KV17, LMB18, LGL+17, LYYY18, LSYC18, LGH16b, LBB+09, MG18, MEMP19, NDA+19, OCCK14, SYJ+19a, SCY+18, SYL+19, THT12, URKM19, VEET18, WKC+13, WWZC19, Wu16, WLHH18, YYD+14, ZMTT16, ZZLH18, ABB+03, AK18b, BDP11a, BD11].
BMK+14b, CJ14, CLP+14, DKV14, DSBC19, DYM+16, DNP14, FTK17, GDS18, GFW+18, HLL+17, IPCA+16, JLR18, JFZL17, JEB18, KANS18, KSF+13, KGH+18, KMT14, KKP+14, LCT12, Len16, LNI13, LPK17, LPK18, LLQS14, LOR+18, LJGW18, Li18, LCZR12, LZXG12, LCMX16, LPL+16, MNV12, DPBK16, MFP+16, Mat18, MZD+16, NSSA+14, NQQL13, PSP16, PLLA18, PTD+18, PPMM+18, QCY+19, QMSG12, QCD16, SHP+16, SB14, SMS14a, SL+15, SG15, TSD18, TDSH16, TPS14, TSGVRGS19, TKA18b, VF18].

**energy**

[VCV+12, VTTK17, VGC+13, WWC14, WHL16, WCC14, XZZ+14, XDH+17, XDH12, YPPL17, ZG91, ZA+14, ZXD+16, ZAC+18, ZZZ17, dACAM13].

**Energy-aware** [ADA+19, BAB12, BCDP12, DCMW17, LYYY18, MMPF19, WKC+13, ZMTT16, ZLZH18, BMK+14b, JEB18, KANS18, KSF+13, KCS14, LCT12, LPK17, LPK18, NSSA+14, ZAC+18, dACAM13].

**energy-conserving** [NQQL13].

**Energy-credit** [KCS14].

**energy-driven** [ZAA+14].

**Energy-efficiency** [DDB14, SL+15].

**Energy-efficient** [CP17, GFB+12, LB18, LSYC18, SLY+19, Wu16, WLH18, DNP14, JFZL17, KLP19, LLQS14, LZXG12, LCMX16, PPMM+18, SB14, VTTK17, WCC14, XZZ+14, YPPL17, ZXD+19].

**energy-incentivized** [BDP11a].

**energy-saving** [CJ14, QC16].

**enforcement** [Hua10, MG14, MG16].

**Enforcing** [THH15, LHC03].

**engagement** [BDWM17, FTK17, Kim18].

**Engine** [BBCN18, BAl16, DLI+17, FPL+19, KGT15, RLR13, XLL18b, BG87, PS13].

**Engineering** [BLO+18, BZS18, GHD19, Kow85, AC16, AAJ17, AMB03, Ano87b, BAP17a, BAP17b, Ben99, Bun03, CTM06, DFG+00, Hir89, Joh02, Kim07b, Kow84, Mal91, Mat89, SK18, TY85, Van87b, VVC+03, Zhu14, ZWMC19, SR03].

**Engineering-DiffServ** [BLO+18].

**Engines** [HMS15, CMP+17, GRCP+17, XLZ+14].

**Englewood** [vdR87h].

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

**Enhanced** [HLL12, SMS14a, WDD00, AMN18, AV00, BCC+17, CSP13, H LW12, KID+16, KKKM17, KKKM18, NV11, PH99, RST+16, RVGGSSZ14, SLW11, YZN+15].

**enhancement** [BMU18, CHS11, DZZ+15, DGA18, LCL+19, MYBMM18, SVN10b].

**enhancements** [PSVL02, PSJ+12].

**Enhancing** [ACM10, AMR18, BBLP05, CWL+18, FM08, IPG+18, KX11, TCH19, YMW13, ZCLW18, SMPC12].

**enough** [BBD+13].

**enriched** [LRJG19].

**Enriching** [KBdLG18].

**ENS** [BBD+99].

**Ensemble** [SB18, BMP+16, CMT16, LPK17, LPK18, PLLA17, RGAT18, WL+18].

**ensembles** [MJDN15].

**ensure** [CBT+19].

**Ensuring** [MROD10].

**Entangled** [ADV16].

**Enterprise** [ECA+18, AGJN00, CM01, DDR+07, GLSV07, JAA07, Kim07b, KKL09a, KFC+07, NSP07, SSA+19, dVXB+11].

**enterprise-scale** [NSP07].

**EnterTheGrid** [Ano05e].

**entities** [JLU03, NS19, XLZ+14].

**entity** [LXL+17, WLL16].

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

**entropy-based** [RGGH18].

**Entropy-driven** [Fre94].

**enumeration** [MKK03].

**envelopment** [KPS18].

**Environment** [BS98, BP94, CWD+08, LSS94, PMDS18, YG18, ANA16, ASTEP98, AJY12, ADT03, ACC+05b, AKB+18a, AAD+13, AK18b, BJ12, BMRW01, BBD01, Bar11, BKS+18, BKG05, BPP+07, BDZ13, BBMG10, BCB+14, CLP95, CSC+15, CTT+10a, CCDS08, CCL11, DJZ+15, DCL00, DJZ+00, DW11, DRS+97, DMZ02, DT93, DL00, DR18, DCC13, DGD15, ED11, EHT10, EMB98, FPJ+05, EA17, FMSM12, FHZ18, FJ00, GR96, GGW+09, GCK18, GAI+18, HJS+99, HKP10, IMSU90, JP17, JLI+13, JOSD19.
KDFL99, KVK+18, KP+03, KPA17, KKL09b, Kos95, KKP00, KTTK17, KCC18, LLKF09, LLC11, LJLW13, Li18, LJY10, LM90a, LGS+07, LS+94, MCSS00, MSK70, MSB16, MVT+14, MTH+05, MSX00, MRS18b, NRV+17, OS92, PP10, P+12, PP07, PSA+09, POJ+16, DLM15, PPAK99, PHM+99, PA01b, PBB+05, QZD+18, RGAT18, RL98, RMM+98, RPA+18, RGVGSSZ14.

environment
[RM11, SV16, SLTK19, SDWS13, SOR05, SSKF95, YP16, SS05, STA17a, SGB18, SPCL04, TCC18, TZLL18, VSP+14, WCHL10, WDD00, WB90, XWJZ19, YL15, YMM00, ZZJY16, ZCZ+18, ZLL+10, ZS05b, dFBP+17, BCF+10, DGS09, FMD99, LM90a, LSF+94, MCSS00, MSKT07, MVT+99, MVG14, MTH+05, MSX00, MRS18b, NRV+17, OS92, PP10, P+12, PP07, PSA+09, POJ+16, DLM15, PPAK99, PHM+99, PA01b, PBB+05, QZD+18, RGAT18, RL98, RMM+98, RPA+18, RGVGSSZ14].

environmental
[BBWB+18, GRL11, PSW+14, RHKC15, VDK12, WTP+13].

Environments
[BB17, CCMGF18, CDH+19, TF17, YPF05, ACGdT02, ABC+18, ABS11, AMD08, ADA+19, ALK15, AMT+12, AFB+10, ACK+15, BJA+05, BML18, BR92, BD11, BBC+12, BN17, BBN18, BD11, BDH14, BFR99, CPDJ13, CRC13, CTF+99, Cas94, CFVP12, CFG+19, CFC17, CCCT14, CRM05, CS09, DVD12, DEG+17, EM12, FGDR14, Fri14, FX07, FSM+18b, GKW+12, GTK15, HFM19, HZC+08, HCB16, HZ03, HPP+18, HHW11, JRJ+11, JTB13, JTS13, KA09, KKB14, KMB+02, Kin07b, KKW16, KH18a, LB03, LYM09, LC15, LST07, LLR02, LLH07, MCT+15, MOBD18, MKT09, MR03b, MROD10, MwWl99, MMPF19, MMRL17, NNRA19, NRR+15, NAD+18, NJ16, NOF18, NCM05, Pad92, Pag99, PVB+13, PLA18, PEC19, PG12, GKT15, HFM19, HZC+08, HCB16, HZ03, HPP+18, HHW11, JRJ+11, JTB13, JTS13, KA09, KKB14, KMB+02, Kin07b, KKW16, KH18a, LB03, LYM09, LC15, LST07, LLR02, LLH07, MCT+15, MOBD18, MKT09, MR03b, MROD10, MwWl99, MMPF19, MMRL17, NNRA19, NRR+15, NAD+18, NJ16, NOF18, NCM05, Pad92, Pag99, PVB+13, PLA18, PEC19, PG12, GKT15, RMMG17, RRH16, SB14, SP+17, Sc98, SBAD+18, SLDK03, Sp12, SCN+14, SD07, Sun92, TF12, TCBPR16].

evironments
[TMP15, TAKV12, VPP+19, Ven08, VCL+19, VD16, WH05, WHW16, WSZC18, WHBC19, WSS+09, XTT18, XHY+90, ZS10, ZGZ+10, ZAP05].

Envy
[YLJL18].

Envy-free
[YLJL18].

ePASS
[SCZ+14].

Ephemeral
[CDMG18, CLCMG+18, MOBD18].

epidemic
[FMS08b, GRTV10, XLM19].

epidemics
[LMBCC99, OCCK14].

episode
[AMKM18].

equal
[DMM14].

equation
[PCC18].

equality
[WZCH17].

equational
[OP95].

equations
[BFLL99, BMZ01, BC03, IS03, SG04, Tab06, de94, vdR87h].

equipment
[TC92].

equivalent
[PEG05].

era
[QCX18, SDDG17, Zad87].

erasable
[LY18a, YL16].

erasure
[GIM16, HDO16, PWMX17, XWM18].

erasure-coded
[PWMX17, XWM18].

Erlang
[Tur18].

Erlang-based
[Tur18].

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

Error
[KTV03, CCCP19, DR03, GHMX10, KDHP16, KA88, LRMS19, SS03].

eruption
[CDRS05].

ES/SDEM
[Mat89].

ESLEA
[SHJS+10].

ESNET
[ZWDP18].

ESPM
[LJY10].

ESPRIT
[Ano87, Cad86, Ano84h].

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

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

estimate
[Dal06].

estimates
[HV03].

Estimation
[AdVAGF18, KSSG16, CBK+17, EW97, JOPW14, KS18a, KXS+16, KMK+14, LSL+15, LGYZ18, NS17b, PS10, PBT02, Pcf+17, RAKJ18, RMDB18, SHP+16, TMDZ15, WOPW13, YZWG18, YSZW18, ZWZ19, WSZH18].

estimations
[IDM+16].

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

Euclidean
[DL03].

Euclidian
[GA05].

EURO
[Kaa98].

EURO-VR
[Kaa98].

Europe
[HB98, Lid99, Wil00, Ano84h, ES94, Pol98, Wal94].

European
Evaluating

[ABTA18, BSCC06, HA18, HB1+03, Len16, SC19, XW]ZYF19, ABMC18, ALFR16, BGL+05, OA17, RMJ+18, VK17.

Evaluation

[Bal93, BY93, BP94, CGN18, CG90, CYJ19, CPP16, CW93, FK12, GSD95, HRJ+04, KVvE18, LSS94, MG19, SS17, YDNV16, AB19a, ABGM19, ADK06, AEM10, BGI14, BBBD01, BARM14, BDZ13, BMU18, BS09, CCRV13, CHS+18, DSS98, Din99, FS93, GS13, GEA13, HD05, JAAD+16, JWJW14, JFZL17, KSY92, Kus94, LCP04, LN04, LB09, LSD+17, MZC10, MSK03, MI01, MM03, MOK06, NP06, Nis93, OP07, Par04, RPMG10, Sh04, SSMG95, TLC17, VVBI11, WGL92, WWD+14, YJ03, ZMP10, ZWDP18, ZXZL18, ZY90, ZGCM00, dSK+19, dOOO+13, evaluations [SPR+10], evaporative [BMZ10].

Event-Based [ML17, KN06, PQQP17].

Event-driven

[NJH+18, ONHTH9, VETT16]. events [Ano96a, DdM10, KBiLG18, KAS+18, LC13, RT06, XWL+15]. eventsensational [Ano96b]. Evidence [AJ19, CPE+17, WW11, WQZ19, ZGZ+10].

evidence-based [WW11]. eVLBI [SHJS+10]. Evolution [CSV+12, JCSS01, DFLO17, Dub91, DMN+05, EL98, GVBG17, HZL18b, JL95, KKS18b, KS18c, LWZ18, M099, RGVGGSSZ14, RS99, WZL18].

Evolution-based [JCSS01]. Evolutionary

[KOT18, LFL+17, RCMT18, dCTVC18, ACML05, EL98, GKT15, Hen87, JGFB18, JC09, LKG08, LWYS18, MDB+18a, MCSA18, NF13, Nos98, OVDV98, SG13, TdPF+17].

Evaluation [SdCM+17, HHG05, Rob05].

Examination [ZMS+06, ABdL+03].

Examining [NZOCJ+19]. example [DFSZ88, KA88]. examples [GJS+94, tTVH96]. exams [CND+19].

Exascale

[BD+14, Eng14, FBS18, DYI+16]. exceptions [GGLD10].

Exchange

[AC92, AHL11, GPK05, OPT+17, TLSC17, WWW+16, ZA13, ZYWA18, KGdL11, LSH+11].

Excited [REM04]. exclusive [CXC+18, FLT17].

Executables [AD18].

Execute [CTF+99]. executed [HLV+97].

Executing [WS05, CCL11, KTKT17, TKA+18, TVB18].

Execution [ABF93, CM01, CBK+17, ANG+19, ATF11, AKE+18, AKP01, AR98, BBBD01, BKS02, BF02, BB13, CLRL17, CLC11, CSZG13, CY90, DJZ+15, DGuL15, Dup90, EHT10, FX07, GR96, GMEL08, GL04b, HMM18, KP00, KS18a, KHG13, KC14, KuRAk+18, KN10, KGT15, LAL+14, LWS+12, MTNM08, MMRL17, NF13, OP95, P09, PdAF12, PAB+14, DLS14, QCYJ17, RBC+15, SV16, SHP+16, SDPS+17, SM01b, SLC+17, TZST14, TGM11, dOWDAS+18, ZT90, ZT91, ZZL+10].

executions [CRV15, CdSOS15, HHD+12].

EXEHDA [dSMAdR+17]. exhibits [VPA+18].

exhiSTORY [VPA+18].

existing [BCCP18, DGY+18, GJS+94, Hab05, KY85, MFC+14].

exome [CMX+16].

Expanded [Sha16].

Expanding [CGCB+12]. expansion [MLL15].

expectations [Nis93].

Experience

[BBH+93, CR92, HXL+18, Ozu92, SHS+19, AKB18b, GTCZG+18, Luk89, QLM+18, RvdSB+03, RRR99, SSST17, TBB+17].
XFM16, YJA03]. Experiences [KB09b, MPB+07, ABB+03, ACE02, GMS09, Jon00].
Experiment [DGS09, BRNR15, MdOO+17].
Experimental [GGH+03, LWW+18, CCT13, CPMG19, DCFB19, IAM+18, MLC+11].
experimentation [CPGBC16, GTSAR+14].
Experiments [Hey90, PEG05, Vre88, Vre89, BPP+07, GL04a, GCV+14, MCSS00, MGH+05, MVT+99, PBC+16, PBC+17, PKSC02, dOWdAS+18, YA02, CN92].
Expert [CAS+18, Coo86, Hir89, Van87a, vdR86a, Ano87m, BT93, DFT92, DW87, DBS14, EO86, Gil85a, Han89, Hen87, Keg89, Kom89a, Mar86, Mat89, Miz89a, OS92, Par87, Pud87, Ste85, Tak89a, Tak89b, VM93, WGM15, WYN+90, Yam89, YWA+89, Zem86, vdR87f, vdR87d]. expertise [DKKF18, KZA+18, SG17, Zad87].
explain [NZOCJ+19]. explicit [HV92, MWPVB12, TSOB15, XLZ+14].
exploit [EDH+13, GGC17]. exploitation [KLM+05, SK12]. Exploiting [AM17, BCF16, CGIP14, CSL17, CLP+14, Joh89, MPP13, NSI02, PQBP17, RGN+18, WC14, Zha93, ADK+09, CCJ16, CPSR14, HCC+14, HDO16, HMZ18, KAS+18, RG04, VVC+12, ZS90]. Exploration [BKS98, BMP+16, DBD+14, RTHB17, RLR13, SGR19]. explorations [SSC09].
Exploratory [CFM17, Tak05]. explore [dSMAdR+17]. Exploring [AbdL05, BFP18, HBN+13, LB03, LFW+17, MKS18, PAL+19, SSW+19, YZW+18, AMB03, SNC18]. Exponential [EL03]. exponentiation [WSQ+16]. exponents [DE03]. Exposing [CGL15, BBW08]. exposure [WG13]. Express [WKF03]. Expression [Ref87]. Expressive [Par90, Avg00, SCZ+14]. Extended [ZYXL05, AC92, DDV92, SCL14, ZGZ+10, ZWWL18, dB90]. Extending [BDP11b, CS96, LWT18, RGDM16, SY04, Ste92, TG04]. extensible [BMRW01, GB99, LKN+13]. extension [GPA96, SPK+07, VKK14, XZJ+14, ZWL+16]. External [LYZC15, CN17, LQK+16, MFT+17]. extraction [ASY+18, Cha11, GKIZ05, GWC+16, HWWT12, PRW14, WM07]. extrema [PSS+18]. extreme [FRB+14, KNI+18, LJJ+19, dSFP+17, TKRA14]. extreme-scale [FRB+14, dSFP+17]. eye [KCC18, MKS18]. Eyetracking [PKA19]. Eyetracking-based [PKA19].
F [KK19, Teb86, Zem86, vdR87g, vdR87i].
F-DAD [KK19]. F2C [SMBMT+18]. fabrication [SKT02]. Face [GPV+14, Ciz12, HWWT12, HNN+18, HLL12, LTJK12, LSL18, PSS+18, YPK12]. FaceDCAPTCHA [GPV+14]. faceted [XZI4a]. facial [SGL99]. facilitate [GvdBDL15, SHJ06, XLL18b]. facilitating [NAD+18].
factor [RB04, LRJ+06, SDBdL06]. factor [ADKS06, ED19, HDH+18, LNK+18, LZWF19, RSJ+14, WLS+18]. factorization [GGMS18, MvdV01, WTS14, LLL18, ZCH+17]. factors [CN17, LCGPC19, WGM15, CsZW14]. factory [HMW+19, HMW+19]. facts [CZ14]. FAIL [HTV07]. failure [BMR15, DCF19, DNW+19, HWS07, LPMY18, LJJG18, MSI+12, RRU+18, YIA17, vdR93a]. failure-aware [YIA17]. failures [BDNP13, DLW07, GJY18, JS13]. Fair [CA15b, HCC+18, WWW+16, YZ12, WXYL15]. Fair-Play [WXYL15]. fairness [KV09]. fairshare [OEE13]. false [LY17].
HYS04, Pan95b, SO98, WLP10, XKA18, ZFY18, BM00, CHW13, DST14, FLT17, HIA+18sc, JFZL17, KKHS01, KHM13, LSZ+16, LPY+18, LC15, LZYCL13, LN94, NS17b, RRU+18, VBL09, WWD+14, YIA17, ZAI4. FastDesk [SWW+18].

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

Fault [APF07, DK14, GCV+14, LAM07, LWY+16, PCBD99, SAPA17, Xia06, AMH02, ASTEP98, ABF+15b, AFB+10, AGKZ18, AMR18, BCH+08, CLZ18, CdCD07, CY12, CCL11, DZZ+15, FD02, GdVC10, Han89, HTV07, KA08, KL02, LCBF13, LHB95, LSTV07, LS01, LS08, PWY03, Pip18a, SG05, SPR+10, Suz89, THKG98].

fault-prone [AGKZ18]. Fault-Tolerance [PCBD99, CdCD07]. Fault-tolerant [DK14, GCV+14, LAM07, LWY+16, Xia06, AMH02, AFB+10, DZZ+15, LCBF13, LHB95, LS01, LS08, PWY03, SPR+10, THKG98].

FCI [HTV07]. FCM [GGN17]. FCN [FC09]. fear [MGA+18]. Feasibility [AKW90a, AKW90b]. Feature [MWQ+19, SL+18, USA19, BM00, Cha11, DH16, FTK+14, GNGG17, JLQZ18, KP18, LZW+12, MBC+11, MDD15, MGA+18, NK18, PCC18, PSS+18, PdLS+99, SK06, WM07]. Feature-based [MWQ+19, PdLS+99].

Features [NS17b, AMBB18, AKP+18, AG18, BLMU19, CPP+18, CAL+18, DGST09, FNA12, GAFFOG12, HO02, KHO+19, KGW95, LXYT14, WLZ+14, XPL19, YXY18, YGY+19]. featuring [LLH+03]. FEC [EBCP18]. Federate [BCF+10, CYL05]. Federated [BR10, SVC+07, APA17, AK14, CFVP12, dCCDFD015, CGJ+10, GCV+14, HFMI9, PP10, PBV+13, PFRC16, PLL+15, SLB+17, SLZ+18, ZZDM+18, EH10, LHL09, Lea13, Lea15, TS08]. Federation [FMM+17, VHM10, COC10, FLPP05, KBB+16, RHB08, TOS18, YNSM12, CCM+14]. federations [Erd13, FRZ19, MLM16, MPR+16, RMHMG17]. federative [HB00, Joh92]. Feedback [GSLI12, CWJ+18a, PQBP17, WWSM98, ZXD+19]. Feedback-based [GSLI12]. Feedforward [YL98, RM97]. feeding [KO11]. FEM [BBJ+06, GNO01, LF95b]. FEM/FVM [FL95b]. FENNEL [SL+17]. Fermat [WTS14]. fetch [GTMZ17]. fetching [SR12]. few [Amo06, DE03]. FGCS [CRW+16, GVTD18, Mes02, Nis03, PC18b, Ser95]. Fi [AKM18, DCBF19, SLS10]. Fiber [HICA1F1+06, WXZ+18a]. field [BBJ+06, CGIP14, HPP+18, KS17a, LZH+18, LLU+18, PdLS+99, SZ98, SMC18, TST16].

fields [MJ98]. Fifth [Her84, HV84, TR85, Ais88, Fur92, Liu84, vdR86b, Ano86i, FS93, KIf93, Sti93, vdrR93a, vdrR93b]. fight [WZH+18]. File [AHEM17, KLS05, ACC+05b, Dog09, DLXR14, GCCC+07, GD05, GTMZ17, KO11, Li15, MLG13, MM08, MFL18, MM18, MML08, PCG+06, SPK+07, USK16, UdvW+18, WX02, WLP10, WZS+18, YCY10, YSC+15, ZX+15, MBC+11].

File-based [KLS05]. file-sharing [MM08]. files [LLF+18a, SCY01]. filesystem [MCQ+07, ZYZ+18]. filling [SW05]. filter [HAA+16, HLA+18c, JYZ+18, NUPA19, SGB+18, TM05, WC14]. filter-bank [NUPA19]. filter-wrapper [HIA+18c].

Filtering [KMC18, LZY+19, DCL13, EAA16, GCD+18, GDA18, KKB18, LCL+16, LCW+18, LQXL10, MG19, MVG18, PQBP17, PCC99, RW18, TQL+19, ZRX+14]. Filters [ML17, LY19, ZL13]. FIM [HDH+18]. finance [BS04, Par94]. financial [AMI16, Kea93, KK14, QGT+18, TMY05]. Finding [BBH18, BSdCM+17, LXM+18, LG18, DvdHGdL09]. Findings [WBMP99]. Fine [SJ18, AMBB18, CZZ+18, JLY+18, LCL+18, LZLL18b, LC03, LZHY19, MLW+18a, VVB11, WC14, XL+19, YAX+18, ZMP10, ZSL+19]. fine-grain
[WC14]. fine-grained
[AMBB18, CZZ+18, JLY+18, LZLL18b, LC09, LZYH19, MLW+18a, VVB11,
XTL+19, YAX+18, ZMP10, ZSL+19]. fine-tuning [LCL+18]. finer [ZFS+18].
finer-grained [ZFS+18]. finger [LWF+17].

Fingerprint
[MPH00, GAFFOG12, LZL+12]. fingerprinting [KPB18, RS17b]. Finite
[Tab06, AO06, BVD00, CS93, LDS06, SW05, Tho06, WAE06]. FIPIP [JLY+18].
fire [ACML05]. firefly [LZF19]. firewall [HCNT14]. First
[Gil94, SLZ95, BT93, GTCZG+18, HRJ+06, Par87, WRBG94, SO98].
First-principles [Gil94, WRBG94]. Fisher
[CLY14, HLL12]. FitCNN [LYL+19]. fitness [CZL+18b]. fitting [CLC11, MK19].
five [Bal92, Van87b]. Fixed
[Fio06, CFVP03, LZL+12]. fixed-length [LZL+12]. Fixed-point [Fio06]. Flame
[VETT16]. Flame-MR [VETT16]. flash
[DLZ+14, LPK17, LPK18, SCH+19]. flash-based [SCH+19]. flash-flood
[LPK17, LPK18]. Flat [CCK14]. fleet
[OVG98]. flexibility [CAB+18]. Flexible
[CR13, LCBF13, MLW+18b, YXXG18a, dKdOS03, AHP16, BZMY10, BBW08,
Bar11, BLR08, DKJ19, FTD17, HLL+11, IG12, NOF18, PCG+06, PKSC02, SGS+18,
TMP15, WCL+17a, YCXW18, ZAB15, ZFH+18, tTvH96]. Floating
[FFG03, KXS+16]. flocculation [vOB95]. flock
[ELvD+96]. flood [LPK17, LPK18]. floor
[DDV92]. Flow
[Ama88, Ama89, BKS98, BDNN02, SCP09, WMN+01, ABM05, AKH+04, CAL+18,
CH95, ED04, FM10b, GKS05, GS15, GY90, GXL+18, HORC04, HvHAS04, KLB19,
LRC+18, RV95, Sdp04, VWCV94, VFS01, XSSM15, XDH+17, vM94, CG09].
Flow-Aware [CG09]. flower
[GHEB+18, GJ18]. flows
[AJZ+02, AbDlT03, CDRS05, DS04b, GL95, HAF+16, IO004, KDP16, KGT15, LF95b,
Prz03, RZDM01, WBJM14]. Flubber
[JLI+13]. fluid
[CM99, GPS+17, WJLW18, Wes99]. fluids
[FPdS04, NEJP94]. Flux [DDJ+13]. fly
[BTM10, HPZL18]. flying [VLC03]. focal
[AHD+19, Ran95]. focused [CY12].

Focusing [HPP+18]. Fog
[FSV+19, MMC+18, NWT19, PDH18, PGTBC18, SM18, WZH+18, AZH18,
CLCY18, CRRdCB19, FFC+18, HDA+19, HCW+18, HXC+18, JSMG18, KH18b,
LLYW19, LDY+18, LLZ+18b, MLW+18b, MGA+19, NDA+19, PSY+19, QRB+18,
RGN+18, RR18, TGM+19b, VCL+19, WWDF18, WJ18a, WDKV19, WPS+18,
YSHM19, YAX+18, ZCX+18, ZCL+18, ZZF18, ZSW+18b, KK19, RLP18,
SMBM+18, YXA+18]. fog-assisted
[NDA+19]. Fog-based
[WZH+18, WWDF18, KK19]. Fog-cloud
[SM18, LDY+18]. fog-computing-based
[PSY+19]. fog-driven [FFC+18].

Fog-to-Cloud [SMBMT+18]. fog/edge
[RR18]. foggy [CLCY18]. fold [AHM+18]. folding
[DCK03, SSLF09]. folding/unfolding [DCK03].
foliations
[MPQ03]. followee [CCJ16]. following
[MYW+19]. foot [XL19]. footprint
[BEZW10, DYY+16, LYY+18b, VVC+12, KK11]. footprints [WNR19]. foraging
[RC13, VR12]. Force
[VLAC+13, FZT+18]. forces
[LKM91, PO00]. forecast [LCL+18].
Forecasting
[PLA18, PSS+09, CLR18, Che14, HZL18b, JH16, KSSG16, LFWV05,
LPK17, LPK18, LLW+18a, Lines18, PGTM18, SG15, WSH19, YGY+19].
Forensic
[SK18, DC18b, QC13, QC18, VOCHC17, XFTZ16, KKA18]. Forensics
[JLI14, CFDFW18, LCHW14, PD11, YHA+19]. forest
[BYL+18, CY90, JNL18].
Foreword
[LL04a, Mes02]. FORK [HSS92].
form
[GTSA+14, HXY+13, Tho06]. Formal
[BHH91, BHH92, PLCGS11, AHdJF97,
ZLL17a. Fullerene [She04]. fully
[CCL11, HKS18, IST04, TY11, ZX14].

Function [VV02, MCJ19, NK05, Omo01, SLL18, SLY19, WLX18]. Functional
[ABF93, BS91a, IEG04, BBH18, BS92, BRHH18, DMM99, DRS04, DD07, GS10, HK98, HRJ06, M002, YAO14].

functionality [KID16, MCQ07].

functioning [BRS04]. functions
[BBH18, Da04, FKK17, KDE04, KTB18, YCL19, vdR87h]. fundamental
[AGKZ18, BOC18, EHT10, Hui89, Kim07a, KARP14, BHD09, CLCY18, DD86, Ful91, Fur92, ACSdRR17, Ano87b, AGMT17, BS17, Bis94, BBH09, CLCY18, DD86, Ful91, Fur92, GMS09, GBMP13, Hui89, Kim07a, KARP14, LLL19, MYBMM18, Nag96b, PTD18, PWA19, SB99, URMK19, Zhu14, dCVC13, Slo06a, Slo06b]. fuzzifying
[LY18]. fuzziness [FLR16].

fuzziness-embedded [FLR16]. Fuzzy
[AS18b, HZL18b, IS18, KLV19, NDZ19a, NDZ19b, NDZ19, SMZ16, XL19, Alp18, SYJ19, Bag16, Bu18, CPE17, Che14, CAL18, Che18, DNP19, GBY16, KHERB3, LSZ16, LAH10, LWY18, MLGGB17, OM18, P80, RAK18, YAO14, ZS19, ZL04b, ZD18, vdR87f].

FV [GL95]. FVM [LF95a]. FvRS
[XTF19]. FY [NSF87].

G
[vdR87g, vdR87h, ABG02, AT19a, AVP17, BGD03, DPK19, FNA12, GRPL04, HB103, THN06, WTR13, WBF08].

G-enabled [AT19a]. G-Hadoop
[WTR13]. G-lambda [THN06]. G-PM
[WB08]. G-SPAMINE [AVP17]. GA
[CGL01]. HMMH17. LLWN04. GA-based
[CGL01].

Gait-based [WBF18]. Game
[FD12]. Gait-base [LLWN04].

Gait-based [HY18]. furnaces
[LLWN04].

G-SPAMINE [AVP17].

GEMMA
[AVP17]. G-SPAMINE [AVP17].

Gates
[LLWN04].

Gates
[LLWN04].
[AHL11, DGGH11, HHG05, HHXL13, LZP+18, P000, RTHB17, SK18, ZHL+18].

Generating
[GKS05, JW14, TSZP99, DK00].

Generation
[BDF+99, ChK11, DO15, HYZS16, Her84, HV84, Kow85, KI89, LJ17a, NHG03, Slo06a, Slo06b, Sti93, vdR93b, Asis88, Ano86i, BDP11a, BP02, CJXK19, CmZZG+13, DCMB15, DDS+09, DQXW19, DR05, Fur92, GLM+12, GODM98, GMdFFLC17, GZ04, HJ04+15, KVR15, KMUB13, Kim07a, Kow84, Lin84, MWC+03, MYBM18, MLV18b, NDZ+18a, NDZ+18b, NDZ+19, PO00, PJDO13, Par87, PFMC04, Ste85, TDL05, TR85, VB18, WYN+90, YCY18, ZXC+18, ZNC+18, ZGCM00, vdR86b, vdR93a, FS93].

generator [Tan02b].
generators [RNR18].

GeneRecon [MPB+07].
generic
[BCW01, DQV02, DS01A, FK11, GD10, GdLr07, LKK+16, SMSF18, TKA+18a, TNC+14, Tis07].

GENESIS [RG04].

Genetic [LOI+07, PMK18, AT11, AT01, ACC17, BRL19, CPK05, CFG93, DMN+05, DSCJ18, GRH05, GODM98, GdV10, ISS+15, KKP+05, KX11, LK18, M19, MRN19, PC18a, SF19, TMT+07, WYBS11, WLQ10, ZRZL18, ZLG+14, SMI01].
genetic-based
[KKX11, LS01].

GENIUS [ABF+03].
genome [SLS+09].
genomic
[JHC10, Sin07, SBA+17].
genomics
[OdOD+13].
genotype [M803].
geo
[KB18, MPC+18, WLA18b, XZW+19, ZBF14, DWJM18, YMY+17].
geo-collaborative
[ZBF14].
geo-crowdsourcing
[WLA18b].
geo-distributed
[KB18, XZW+19, YMY+17].
Geo-QTI
[DWJM18].
geo-replication
[MPC+18].

Geocomputation
[XSJ04].
geodesic
[DE03].
geodynamics
[BN06].
geoenvironmental
[CTMO06].
GeoFEM
[GNOY01].
geographic
[CES+19, DWJM18, LC17].
geographical
[CSL17, MBV+15].
geographically
[AGJN00, ZB19].
geological
[XSM04].
geomechanical
[WAE06].
geomechanics
[BN06, HND06].
Geometric
[DP03a, PdLS+99].
Geometrical
[SNXB17].
Geometries
[BKS98].
geometry
[DFG+00, WWA19].
Geosciences
[FFPS10].
Geosciences
[GFD14, CCM+14, CGL+10, DGGH11, MPP13, SBD+18].
geostatistics
[SDST18].
geriatric
[HIZ14].
gestures
[CRRC18].
getting
[PECA19].
GF11 [KB92].
GHolo
[BDcyG05].
giga
[DK10, PDK10].
giga-pixel
[PDK10].
Giga-stack
[PDK10].
Gigabit
[MGH+05, KDHP16, GGH+05, HJCD05, WT102].
Giganet
[HO02].
Gill
[Aso87c].
GIS
[FLC+14, LD04, LG04].
GISs
[LXW13].
Giving
[GTSR+14, GTCG+18, IG12].
GJMFM
[OE13].
gLite
[AAB+10, KV+15, VKK14].
Global
[LLH+03, MDWI12, PdlS+99, SWP03, WKZ+03, CLL18b, DR03, Dzw97, EDFD06, GJ18, GGD+07, LAM13, MLC+11, MVC+13, NSS99, PSJ+12, RRB10, STH98, Sh92, SBDL09, UWW92, LJR+06, LNK+18, SBDL06].
global-bus
[UWW92].
globally
[GS05].
Globus
[BMFC07, CLM+16, FK99, LC05].
Globus-based
[BMFC07].
GLORIAD
[JHL+06].
glottal
[YXY18].
GMA
[WNR19].
GMBS
[KK10a].
GMON
[MSM+13].
GMPLS
[Pal06, THN+06].
GMPLS-based
[Pal06].
GMRES
[B04].
Go
[CDH+19].
good
[SOA17].
goods
[MEB12].
Google
[PS13].
gossip
[ARM18].
Gossiping
[FR13].
ECFP17a.
governance
[BDD14].
Governing
[IPCA+16].
Government
[LLW+18b, SDK19, Nag06a, WLA18b].
governmental
[PS+19].
governors
[KANS18].
PAlgPUs
[OS14, ZXL+18].
PPOS
[JK17].
PSP
[HYS04].
PSP
[PS13].
[ADH^{16}, CDG^{14}, CPSD18, CSRFM^{17}, CSP13, DNJG17, HSP^{13}, KDHP16, LZX16, MAPA19, RBJ^{13}, VD16, WMQ^{16}, vW^{19}].

**GPU-accelerated** [HSP^{13}, LZX16],

**GPU-based** [MAPA19], **GPUs** [RNR18, vWMBS14].

**GRADE** [FK11, KDFL99, KKS08, WDD00].

**gradient** [Cro95, MLW18, Ven08].

**gradient-based** [Ven08].

**GrADS** [YD05].

**Graduate** [HY03].

**Grain** [Vre88, HV92, Vre89, WC14].

**grained** [AMBB18, CZZ^{18}, JLY^{18}, LZZL18b, LC03, LZYH19, MLW^{18}, SJ18, TTK^{14}, VBB11, XTL^{19}, YAX^{18}, ZMP10, ZFS^{18}, ZSL^{19}].

**GrAL** [Ber06].

**grammar** [ZXM^{19}].

**gram** [HK88].

**grammars** [BM00, Hal88, Rus90b].

**Granary** [YZW14].

**Grand** [Hul89, Kol89, Wil89, Rho89].

**Granularity** [ABF93, AR98, MVC^{13}].

**GRAPE** [CLP95].

**Graph** [KB00, VSD13, Vre88, Adl14, AB18a, ADLM18, BK97, BHK90, Bisc05a, CWDJ19, CWJ16, CWJ^{18b}, CGM^{18}, DL04, Gout00, HO17, HDH^{18}, kHsZwJW18, JHC18, JLD^{19}, KSAO08, NS17a, NS19, RSV90, SLG^{17}, SMM^{14}, Vre89, KWR^{13}].

**graph-based** [Gout00, HO17, SMM^{14}].

**graphical** [BFL99, KDFL99, SSK95].

**Graphics** [LM90b, Igl04a, MJ00, SLDK03, SW06, TDL05].

**graphs** [BKB18a, DCMB15, DFKF18, GRMSOG18, JWW14, KKI14, LYW^{18a}, LSG18, LL18, MG11, Nag16, Sap88, vDLL19].

**GRASP** [PFRC16].

**GRASP-based** [PFRC16].

**gravitating** [KMN^{05}].

**gravitational** [Fin99].

**gravitational-wave** [Fin99].

**gray** [CSG^{18}, GAS18].

**gray-box** [CSG^{18}].

**GRB** [ACE02].

**GRB-GSIFTP** [ACE02].

**GREED** [KDFL99].

**Greedy** [SOD18, SK05].

**Green** [GDS18, KJFS12, NNLH18, YZSC19, DWS12, HCHH19, LLW^{12a}, LJJ12, MPPF19, WCC14, YLHJ14, BMK^{14a}, ZSH12].

**greener** [DKK^{13}, VTTK17].

**Greening** [GFW^{18}].

**GREMLIN** [H603].

**Grid** [AJY^{15a}, AJY^{12}, AJY^{15b}, AC10, BB13, CMA11, CPGBC16, CC11, CF09, CCM^{14}, JY15, KCH^{13}, KSM^{07a}, MFE^{08}, MJRM16, NJ16, PAC^{17}, SGH^{08}, TJI100, VBP03, Zha07, Aba06b, AMN18, AOIS10, ABG02, AAB^{07}, ASW11, AT18b, AG05, AMT^{12}, AEM10, AH11, BGL08, BdCYG05, BBG^{05}, BBLP05, BCC^{17}, BGH^{03}, BS04, BGL^{05}, BMH10, BX04, BGK^{05}, BCB^{07}, CSV^{12}, CT102, CDF^{05}, CGT07, CS05, CCLS09, CLL^{14}, CPSRG14, CCCT14, DLW07, DH02, DST10, DW11, DDM^{08}, DSS07, DLS^{12}, EK11, EMM12, FG18, FK12, FMSS12, FQBCF15, FFPS10, FMS08b, GRH05, GHW294, GD10, GSV^{10}, GMB^{05}, GLM^{08}, GP09, GFW^{18}, HWS07, HZC^{08}, HB08, HY09, HAP11, HCL07, HH11, HML09, HMP04, ISS^{15}, KKS08, KTY03, KVR15, KZ17, KA08, KSI11, KCK16, KCV11, KV12, KB09a, KKL11].

**grid** [LLC11, LJY10, LXJ18, LL04c, LC05, LYMZ09, LWS07, LSH07, MCQ^{07}, MCN^{18}, ML^{18a}, MMV08, ML11, MJ06, MGR11, MLBS11, MW12, MVCC10, NAGD18, NHG02, NHG03, OBI7, OE13, PSS13, PP07, PSR^{07}, PEG05, PBB^{05}, RRS10, RC13, RLP12, RSSD02, RWV^{13}, RvdSB, RvDSB^{03}, RMCD12, RM11, SMP12, ST11, SVC^{07}, SAMN02, SPR^{10}, SSK13, SPCL04, SPEW09, SD07, SBA^{05}, TMT^{07}, TMTY05, TV16, TSBH11, VS13, VHML11, VLO3, VR12, VF01, WSS^{09}, WY17, WL05, WHP09, YHJC05, YHL^{19}, YD05, YdOLS^{05}, YY11, ZS05a, ZS108, ZCLW18, ZZ09, CGGM11, FR08, MVRM08, MSKT07, MM10, AMD08, AFP07, ACC^{05b}, ABB^{05}, ABB^{03}, AT02, ADF^{05}, AR10, AN08, AM10, ADK^{09}, BKB11, BGJ^{06}, BMFC07, BCT^{07}, BPP^{07}, Ber06, BLAV06, BST^{08}, BP10, BCM07, BR10, CCM07, CGM^{07}].

**Grid** [CSJN05, CTT^{08b}, CWW^{13}].
COC10, CS12, CC09, CCD+10, CCHW03, CGL+10, DCS+07, DSD+11, DMG+08, DDK08, DSO8, DMZ09, ET08, EPJ+05, FGCM07, FT07, FS07, FM06, FSc07, GR09, GRPL04, GRL11, GFR+06, GMA07, GMS09, GGM+09, HBB09, HKPT10, HT02, HJC10, HSH+07, Hua05, HPLL08, HPLL09, HML07, ILJ+08, JS12, JAA07, JF05, KT08, KWR+13, KA09, KMI11, KRZ12, KBM+02, KN85, KNC91, KOB+09, KVH+10, KSM+07b, LS07a, LT070, LWHC07, LvSW+04, LGW07, LB09, Li10, LKG08, LIO+07, LW08, LSTV07, LK08, LJW08, LSL+15, LBB+09, LS08, LWH07, MTC08, MM08, MLD08, MKT99, Mer13, Mes02, MHA09, MWM10, MG10, NF13, NSP07, NHG06, NJW+06, NK07, NJHT11, Ole07, Pa06, PP01, PKC+05, PW09, PSA+09, PBC+11, PT05, PGW09, PSP+09, Pro07, PDD+07.

Grid [QP08, RMNC+10, RGC+10, SAGL10, SBHD08, SBB+10, STA17a, Sin07, SIL+13, SSF+09, SLS+09, SSK+08, SSD+09, SJTG07, SVB07, SHLB08, SSLF+10, TMV+07, THN+06, TLYT05, TLYT06, TLL+11, TG07, TKT+08, TDF07, TBF09, VGBLGS+06, VPT+10, WH05, WC06b, WC06a, WCHL10, WSO5, WBT05, WXZL11, XA10, XAW+10, YW12, YLC+06, ZMP10, ZLTY10, ZL04b, ZHU04, ZHU07, ZDR07], grid-aware [MMV08, PRS+07], grid-based [BGH+03, CSV+12, GHZW94, LYJ10, MW12, YHL+19, AN08, DMG+08, DSO8, NSP07, PSP+09, VGBLGS+06, YCX05].

Grid-computing [YW12], grid-enabled [GLM+08, LWSC07, MJ06, GRL11, ABB+03, EPJ+05, FS07, NJW+06, PKC+05, XAW+10], Grid-enabling [KT08, SSK+08, SSLF+10]. Grid-like [Ole07]. Grid/distributed [hKcF09]. Grid/P2P [Kim07a]. Grid2006 [BGL08].

GridFTP [ACE02, CG09, RSK16, RKSU08]. GridICE [ADF+05]. Gridification [VWD+08, MZC08, MZC10]. GridLab [SAMN02]. gridless [BVDF00]. gridmap [ACC+05b]. gridmap-file [ACC+05b].

GridNetworks [SCP09]. GridR [WSL+09]. GridRPC [CCDS08, SKT+08]. Grids [HAP15, YCY10, ZS16, ACC+05, ACH+11, AR15, AWN+13, ABM+07, ASD12, ABF+03, AR07, BMT12, CCL07, CGL08, CLH10, CH10, CCS+10, CD08, CG+10, DVB14, DT08, DPL14, FLPP05, Fra08, GCBM17, Hua10, HBN+13, IT05, IAL10, KK10a, KK11, KK+14, KFC+07, KJ12, KK10b, KIC12, LLpC12, LAH10, MLG13, MG+18, MPPMV12, MVC+13, OM10, OK02, PGSM05, PS10, PT16, PX07, PGCC+10, PP+09, PP06, QPTG+12, RR10, SR12, SHBP10, SPMC10, SBD+09, SMK05, SEMJ11, SSL12, SG+08, SCS11, SAC11, SSB13, TFBK13, TJWS10, TPBS14, TV08, Tor13, VDPHS09, VK14, WFC07, XY15, ZCW+04, ZZZ+10, vOH+05, vS04, GHMC04, GHMW94, AL14, CC07, CCL09, CT09, CB10, CGST09, DF+08, DRNC09, DO99, EK+07, EK10, FMS08a, GXL+12, GCC+07, GBS10, Joh02, KFP+02, KNK+08].

Grids [KTM+08, LS07b, LHL09, Lea13, Lea15, LV08, LKA+08, LK08, MFP05, MT05, MHA08, MV09, NZQ07, OVK+09, PA09, PH07, PK08, QIN07, RMP010, SYT09, SVN10b, TDV+08, TTP+07, VLD09, VDTK12, WS10, XCGD10, YW+09].


groundwater [ZWZ19]. Group [AJY15a, CB10, HWW04, Bag11, BKSS02, BC03, BCF16, BDL06, CDDR17, CM003, CYH04, CLM+16, CWJ16, Fio06, FMRS18, GCK18, GZL+18, GNVST14, IOV+18, LM07, MHC14, MPQ03, NXX09, NWD+18,
PP06, RLP12, SCEC18, VCDK18, YZL+18, GvdBdL15. Group-based
[AJY15a, CB10], Group-key
[IOV+18, NKX09]. Group-oriented
[HWW04], grouped [LYQ06, PWMX17].
grouping [GMEL08, Mor01], groups
[BCF16, CWD04, LPE08, NS10, ZZ15, ZDR07]. growing [YJHZ14], growth
[KZCW13, SUD+98]. GS1000 [LM90b].
GSA [CCSJ18], GSC [GML99]. GSC-II
[GML99], GS1B [Hua05]. GSIFT
[ACE02]. GSP [KSS11]. GSR [LC17].
guarantee [LGL+17, SCZ+14]. guaranteed
[KLP19, XTT18]. guaranteeing
[CM17, LLL+12b, MKT09]. guarantees
[GJF+12, KV99, SBL+16, ZFW14]. Guest
[AB01, AD00, Ano01c, BB13, BJC02,
DHS00a, DDS00, Flu03, HP92, HB98,
Kaa98, Kaa99, KKK0, LBR02, LCO1, SG95,
Tan02a, Wil00, ZEO01, vdrR93a]. guests
[JK17]. guidance [JYZ+18]. Guided
[GZS14, ZSMS18, EdBG+99, JGFB18].
guifi.net [BFN18]. GuiGen [RSSD02].
GWPilot [RMHC15]. GXP [TM13].

H [vdrR87f]. H.264 [WC14]. H2O [SSB05].
HA-Oscar [LSLS05]. Haar [MGA+18]. hadoop
[GGN17, CRB+16, IPCA+16, NK17, RD14,
TF18, WTR+13, WLLH18, YIA17, ZTD+18].
Hall [vdrR87h]. Hallam [vdrR87a].
Hamiltonian
[MR04b, Amo06, MR03a, SJJ13]. hand
[NUPA19, XL19]. handheld [RSRA18].
handle [GGDM+18, LZW+18]. Handling
[BMZ10, Goo01, HSS00, HHL11, SGB+18,
XWL+18]. handoff [SLS10]. handover
[LLF+18b, PSL+04, YHL16]. handshake
[LWL+18]. handshaking [CGJ+18].
handshaking-based [CJG+18]. haptic
[WWSM98]. hard [KV99]. Hardware
[MHY+18, TBK06, YLJ+17, AMN18,
DSS98, 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 [DS98].
Hardware-oriented [TBK06]. harmonic
[BB04, KDE04]. Harmonizing [LTZ15].
harness [PL96, BDF+99, FD02, MS01].
harnessing [FQBCF15, ZZZ18]. Harris
[HTL+18]. Harrod [GDRS04]. Hartmann
[MAPA19]. harvesting
[DDJ+18, TSD18, VFI18]. Hash
[JL14, CHS+18, HLL18, JFDF09]. hashing
[QZD+18, ZZL18]. hashtag [ZZYJ16].
Haskell [BBH18]. HASTE [PPJ95], haul
[RSK16]. Hawaii [Hul89]. Hayes [Zem86].
Hayes-Roth [Zem86]. hazard [LHCJ18].
HB [FYH+18]. HCN [ESPN17]. HD
[HSP+13, JHL+06]. HDF5
[TMDZ15, WZML18, YSC+15]. HDS
[PIP18b]. head [FJJ+18]. Healing
[LHBC16, AFB+10, GZL+18, dSDG13].
Health [BSRR18, LHL15, RGN+18, Rao17,
ABZK15, ABC+18, CBN16, DP19, EAS+18,
GFD14, Ham19, HIA+18b, MID16, ML19,
PKY+17, Pol98, PPSS06, PPAA99, SPS18,
TCN+14, WMX+17, WHT94, YZL+18,
YZG+18, YK017, ZAA+14, LG16a].
health-shocks [MID16]. Healthcare
[WRK+15, WLP18, ZZZL18, AAS17,
ASO14, AHMS18, CPD+15, CLH+18,
CZZ+18, FGW+19, FFC+18, FRM+18,
HLW17, HXA+17, HZM14, JNS+19, JF18,
JTBS15, KKB18, Kin14, KLV+18, IWL+18,
LZLL18b, MVL+18a, MGN+16, MGA+19,
PMD18, RBA17, RGN+18, WLS+18,
XKB18, ZCK+15]. heap [KP12]. Heart
[GmDFPLC17, DH16, DNW+19, LGS+07,
RJN+19, WLZ+14]. heartbeat [SD18].
HEFT [ZZS+19]. height [CFL+18].
HELIo [BBC+13]. heliophysics [BBC+13].
help [Ueh99, SCN+14]. Help-On-Demand
[SCN+14]. hemotherapy [ATdC+16].
HEMT [Abe92]. HEPart [YWCC18].
heritage [CGN18, MKS18, PPM+18].
heterarchy [DS04c].

Heterogeneous
[GBA+09, KV17, PZY16, Pip18b, Sun92, Vf18, ACgdT02, ADAAD12, ABTF16, AMGCC18, ACK+15, ABP16, AB17, AB18c, ABB19, BDNP13, BBB16, Bl02, CPGdS+13, CDC+14, CsdCM+17, CGBAP18, CBK+01, CXDM18, CDDR17, CBCA15, CGO2, CKFJ06, CXL+17, CSL18, CS90, CFG+05, DZ04, DPK+19, DT16, DRNMC09, DR18, DCMW17, Dy04, EP12, EW97, EMHE18, ECPF17b, FMSSM12, Fer96, GS16b, GVA+16, HCL07, HXL90, IPG+18, JLY+18, KANS18, KKB14, Kos95, LZXW13, Lyj10, Lyj12, Lyj17, LWZ18, MT17, MM03, MRS18b, NNRA19, NK18, OG18, OVDV98, Öst92, PSp16, PNZ14, PZY17, PDDS10, PBB+05, RD14, SHP+16, SAGGB17, SJTN18, SZK16, SLS10, Sh04, SOIS12, SFR15, SSL13, SB16, SK12, TTH15, TMP15, VPT+15, VD16, WC01, WHW16, WHS+17, WCHL10, WdL16, Wei11, WHM18, WZWC18, WWZC19, YLJ+17, YS16, YCJ18, YHH+19, ZG19].

heterogeneous [ZMP10].

Heuristic
[A18, Bal91a, WL05, Al18, CSL18, ESW+17, JM01, KMT14, MC00, RC13, RS17a, THKG98, XA10, XY15, ZZ90].

Heuristic-based
[A18].

Heuristics
[NBB18, RT15, BAB12, DST14, DNP14, GODM98, GVA+16, GVS13, Man15, WCHL10].

HIB [CZXL18].

hidden [WQG15].

Hierarchical
[BMT12, LLW+18a, LOJ+07, ASTEP98, ABF+15b, CFGC03, CW+13, EK11, EV96, EWC99, FK12, HV92, HYS17, HY18, HLM09, KX11, LG08, LL07, OSCY93, OCK14, PRC+14, QPTG+12, RB18, TTC+14, ZB19, ZDR07, ZLY+10].

hierarchically [CBK+01].

Hierarchies
[ECPF17b].

Hierarchy
[ZZ90, LHC03, XL19, ZH17].

High
[AB01, AJY12, APS+19, AQB15, BBC+99, Bhu95, BM92, Bis94, CST92, DRS+97, FBS18, Gen95, GGJ13, GAB+96, HSS92, HGM15, HML+06, HPJ03, KDBH16, KPB+03, Kha12, KKK07, LYS12, MFP05, MKH13, MDT+18, PMMAM13, Pip18b, SEH99, SG14, Ste94, WHM03, WQG15, WMY+18, WBF08, Wri19, WXG18, ZSX+15, ABA09, APS16, APRC16, AFP07, ABB+03, ACU95, AMW99, AB03, dRADFG18, Bl98, BMFC07, BC17, Ber96, BCS99, BS04, BGML17, BRHH18, CND+19, CT907, CWD+08, CMS+18, CHJ+04, Che14, DCS+07, DJPM18, DCC+14, DJJ+18, EP13, GAFFOG12, GNOY01, GSC11, GG+06, GGSZ09, GHO+11, GG10, HAF+16, HHSW92, HEC+94, HAE+03, HKPT10, HDB18, HGG2, HAB+06, JRJ+11, JLC18, JMO2, KHG13, KMB+17, KMB+02, KPM+18, KMK+14, KSM+07a, KSM+07b, Lao1, LSL05, LRJ+06, LRJ+17, LC01, LH+18, LSH+11, LLS+02].

High
[MWL18a, MI01, MAPA19, MR03b, NWMG17, OS01, PHH9, PDW+11, PCB99, RPA+18, RJH+09, Reu03b, RS17b, SB14, SPM010, STI+98, SGFS01, SB97, Sch03, SGK10, SEM11, SK18, SLDK03, SSZ13, SR+03, SRCR97, SSP17, SYL18, TSWL17, TBr16, TSP99, TC+16, Tur18, VBP03, VSNB19, WXLY16, WDL16, Wei11, Wt94, YDK11, YK17, ZY+18, ZBC17, ZCQ+16, ZYTC15, AHH11, Ben99, CMZ95, Ding09, HB98, Lid99, LBB+09, LMC+11, Wil00, dSL98].

High-definition [HML+06].

high-dimensional
[BS04, CHJ+04, DJPM18].

high-energy
[ABB+03].

High-Level
[HSS92, WBF08, dRADFG18, BMFC07, CMS+18, KMK+14, KSM+07a, KSM+07b].

high-order [Che14, DJPM18].

High-Performance [BM92, SG14, WXG18, AB01, BBC+99, Bhu95, GAB+96, KDBH16, MDT+18, SEH99, Ste94,
Aba09, AMW99, CWD+08, GGH+06, HHSW92, HKPT10, KBM+02, LRYJ17, LHIX+18, LLSR02, MI01, Ren03b, STH+98, SGFS01, SB97, Sch03, SGKC10, SEMJ11, SSP17, TBoIL16, Tur18, VZY+18, Lid99].

High-quality [TSZP99].

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

High-speed [LYS12, MFP05, AB03, DJJ+18, HDB18, HG92, HAB+06, LSH+11, MWL18a, MAPA19, RPA+18, SRG+03, VSBN19].

High-stakes [CND+19].

High-throughput [ZSX+15].

Higher [Dal06].

Highlighting [SS04].

Highly [CD16, LN18, MRH17, SBSdL06, BLRS98, CWJ+18b, Fr^14, GVI13, JSS+12, JM01, KSY92, MAC14, MCA+18, PMLVS+13, Tor13]. highly-threaded [MAC14, MCA+18].

Highway [HICAFM+06]. hints [dNE05]. historical [HH16, PGPW09]. history [YWJ+18, YSL19]. hitting [CSdCM+17].

HLA [KK02, CYLT05]. HLA-based [CYLT05]. HM [dSMAdR+17]. hoc [BLMU19, CNP+19, GR07, HIHK18, KKN18, KIAD17, LLYW19, LBYL08, LM07, LLJ+11, MV99, SGGR+16, SM01a, VCD+18, YFY+13, ZF16]. holder [FZT+18]. holds [PM00]. holes [SHB89, SK12]. Holistic [BBW+18, LGW18, Ano12].

Holland [vdR87c, vdR87e]. holographic [CGN18].

Home [HMC06, ACPI9, AC18, CBPP18, JBC16, MVL18b, PMDS18, KADJ14, SLO+05b].

Home-based [HMC06]. home-forwarding [MVL18b]. homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZL+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, H603, HXL90, PSSP16, SSP17].

Homologous [BORM07]. homomorphic [CJXX+19, MK17, RT8+16, ZXJ+14].

Homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].

HOPE [LM12]. Hopfield [TZBK13].

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

Horse [CLK11]. horticulture [KH89].

Horwood [Ano86i, Ano87b, Ano87l, vdR87d]. holds [PM00]. holes [SHB89, SK12]. Holistic [BBWB+18, LJGW18, Ano12].

Home-based [HMC06]. home-forwarding [MVL18b]. homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZL+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, H603, HXL90, PSSP16, SSP17].

Homologous [BORM07]. homomorphic [CJXX+19, MK17, RT8+16, ZXJ+14].

Homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].

HOPE [LM12]. Hopfield [TZBK13].

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

Horse [CLK11]. horticulture [KH89].

Horwood [Ano86i, Ano87b, Ano87l, vdR87d]. holds [PM00]. holes [SHB89, SK12]. Holistic [BBWB+18, LJGW18, Ano12].

Home-based [HMC06]. home-forwarding [MVL18b]. homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZL+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, H603, HXL90, PSSP16, SSP17].

Homologous [BORM07]. homomorphic [CJXX+19, MK17, RT8+16, ZXJ+14].

Homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].

HOPE [LM12]. Hopfield [TZBK13].

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

Horse [CLK11]. horticulture [KH89].

Horwood [Ano86i, Ano87b, Ano87l, vdR87d]. holds [PM00]. holes [SHB89, SK12]. Holistic [BBWB+18, LJGW18, Ano12].

Home-based [HMC06]. home-forwarding [MVL18b]. homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZL+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, H603, HXL90, PSSP16, SSP17].

Homologous [BORM07]. homomorphic [CJXX+19, MK17, RT8+16, ZXJ+14].

Homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].

HOPE [LM12]. Hopfield [TZBK13].

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

Horse [CLK11]. horticulture [KH89].

Horwood [Ano86i, Ano87b, Ano87l, vdR87d]. holds [PM00]. holes [SHB89, SK12]. Holistic [BBWB+18, LJGW18, Ano12].

Home-based [HMC06]. home-forwarding [MVL18b]. homes [Bae14, LRJG19, Mat18, OCW14, TOD17, TZL+18, YSHM19, GMLGB+17, HSS17].

Homogeneous [TKA18b, H603, HXL90, PSSP16, SSP17].

Homologous [BORM07]. homomorphic [CJXX+19, MK17, RT8+16, ZXJ+14].

Homotopy [CFVP03]. Honeypot [PD11].

Hop [WWTF18, GNWT05, KESL17, LLAW17].
[WKF03, CN98, RMM+98]. **IMMSIM**
[PKSC02]. **Immun**
[BCS99, BZMY10, CZY+18, ED04, KRLR01, LFL+17, PKSC02, ZZN04]. **Immunization**
[ZHL+18]. **Immunization-based** [ZHL+18].

**Impact** [HAF+16, KESL17, RA12, dACNC16, ABMM18, AGKZ18, Car03, CRVZ15, CRB+16, CBLS13, Dub91, HHD+12, TLTY06, WAD+89]. **impacts**
[BNJ16, PLLA18, SCG+18]. **impelled**
[PRN14]. **implantable** [ABS+18].

**implement** [HHSW92]. **Implementation**
[BS91a, CYB90, CCKW88, DCK03, EPJ+05, GL95, GSD95, MMV08, MD92b, Pit96, SMI01, WMN+01, YCY10, YCL+19, mM95, AMN18, ABG02, AKMK05, ACgdT02, AAB+10, ABK94, Ber96, BS92, BG05, BL92, CMZ95, CS05, CY88, CD99, DHS00b, DvdHgdL09, GvdT16, GHLW18, GD93b, GY90, GC94, HZDS19, HLV+16, JLU03, JYY+17, JNR12, KO11, KANS18, KVHT10, LJY04, LL04b, LJ17, LGW+17, LY90b, LH07, LC03, LK00, LMH+09, MK17, MVT+99, Mur88, OBB88, OBG+18, PR95, PSR+07, PMT10, SPR+10, SM96, TLC+15, TMM+13, TBB+17, VVC03, VSM02, VSS8, XKJ+18, YJA03, YdOLS+05, ZN12, ZZQ+13]. **Implementations** [VsvD95, Ano86i, DFGR14, NSS99, Ref87, ZSW+18a].

**implemented** [BTM10]. **Implementing**
[CS93, CMD+14, YJA03, HS98, Pap05, PK11, RM97]. **Implications** [PSL19, CHS+18, IHK+18, LPD+13, PR95, vdR87d].
**implicit**
[CWJ16, ID98, XLZ+14].

**importance** [AMT+12, MS03]. **important** [LXM+18]. **imported** [XLL+19]. **imprecise**
[KRD+19, SK12]. **IMPRECO** [CGV10].

**impression** [vdR87l]. **improve** [CLP+14, GMLGB+17, LK08, LFH+15, OdD+13, PLZX19, RMSPP17, SMC99, ZMS+06].

**Improved**
[ESPN17, TA18, TV16, BBI13, HZL18b, HLZ18, JLQZ18, KKAS19, KKKY04, LZXG12, WN10, YHL+19, YPJ19, YDD+18].

**improvement** [CHS11, Hol93, MJM+16, RJN+19, WQZ19, WTS14]. **Improving**
[AMMC18, BFVFGWA15, BL13, Dua94, ECPF17a, GIM16, HAF+16, HCN14, HMA18b, HXL+18, LCC11, LYY10, MYW+19, PKC04, PAB+14, SS04, SG13, TS08, WLML17, YZI18, ASD12, AB95, GVI13, GJKP18, HBCR01, SBA+17, XTF+19]. **improvisation** [VSK19].

**imputation** [CRYG18]. **In-band**
[WGX+19]. **in-core** [CKFJ06]. **In-Mapper**
[MLC18b]. **In-memory**
[GQLX18, BYL+18, HZDS19, USK16, UdvdW+18, WZS+18].

**In-network** [PJD013, ZDD+18]. **in-place**
[PWMX17]. **in-transit** [AHP16]. **In-VIGO**
[ACC+05a]. **incentive**
[DWJM18, GA13, HHH18, HZDS19, JLS+17, RBB08, XY15, ZA13].

**incentive-based** [RBB08, XY15].
**incentive-compatible** [HDLW13].
**incentive-driven** [HHK18], **incentivized**
[BDP11a]. **incidence** [XL19]. **incident**
[CES+19, FM17]. **incident-supporting**
[CES+19]. **incidents**
[TMS+17, dSGD17].

**including** [LRMC94]. **inclusive** [FT17].
**incomplete** [MvdV01]. **incompressible**
[VFS01]. **inconsistency** [YWJ+18].
**incorporate** [YMW13]. **incorporating**
[SPBT07]. **Incorporation** [GMB+05].

**increase** [LVH08]. **Increasing**
[IDM+16, KKAS19, KH18a, WWX+17].

**Increment** [SS03]. **Incremental**
[PBL+18, XWMI8, CAPG18, FRB+14, KMB16, LKM14, LY18a, LPY+18, PVBH05, ZFS+18]. **incrementally** [YGGW16].

**increments** [Tor04]. **Independent**
[FMSM12, CFL+18, EG18, Fio06, Ger02, GVA+16, LHL09]. **independently**
[BSCC06]. **Index**
[Ano00a, Ano00b, Ano01a, Ano01d, AO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92h, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95h, Ano98a, Ano98c, Ano02a,
Interactions
[Kn89, OPT+17, UZ11, ZGS+13].
Interactive [CAS+16, EdBG+99, JHL+06, MG18, PK08, R99, SHN10, ABG18, BDL06, CGN18, DK00, GKW+12, HML+06, HHZ16, ILJC03, KLC05, KKL09b, OPO13, PTM+18, PPAK99, SSFR19, SBSdL06, Sch98, XFM16, dNE05]. interception [MGLPPJ13]. intercloud [Erd13].
Interconnect [YGYW16]. interconnected [FCY18, FGW+19, MMLO18].
Interconnection
[ADKS06, GS13, JAA09, LL18, Shin92].
Interconnects [CkLC06, PBHK01].
Intercontinental [PBC+01]. interdiction [KPS18]. Interdisciplinary
[AC10, NS10, GFGB03]. interest [LWSY18, LW18b, MRS18b, SMC99, ZX16].
Interface [WLBI11, AAB+92, ABS+18, BJWZ08, BMFC07, BCWO1, DCFB19, DLR+09, GHY+18, MTK500, MFL18, MYK16, OFO+99, PSBB15, DKD08].
interface-adaptation [PSBB15].
interface-based [GHY+18]. interfaces
[ABF+15a, dRADFG18, BFL99, Bic05a, FJY06, Kam85, PNH99, RSSD02].
Interfacing [HC99, PL06, HML07].
Interference [vdLLE19, DP+19, Ho603, SS13, SM+14, SJS04, VVB13b, ZF16].
interometer [Fin99]. intergenerational [MCG+15].
InterGroup [BAC02].
interleaving [BM8]. intermediate
[CEJK94, LZW+18, TZLL18, WZZ16].
Intermittent [JM02]. internal [KKL09a].
International
[Ano86j, CC11, CF09, SST+06, BGL08, CGJ+10, LRJ+06, MLC+11, DBdL03].
Internet
[AMQ5+19, HAT19, ILJR19, MWQ+19, RC19, SYJA19, SSW+19, YJHZ14, BRB19, KCM19, LTC12, QCY+19, ABMM18, AKP+18, ACWJ19, AR18, AGR19, AT18a, AT19b, ACSdRR17, AVPV17, AMPZ16, BA17, BS17, BBM+03, BZ19, BRH18, BGS+19, BdDPP16, BWG19, Che14, CBT+19, CMP+17, CBPP18, CDFW18, CMZ+18, CDH+19, DSK+14, DPK+19, DZH18, DRNM09, DP19, DC18a, ESW+17, EAS+18, FG18, FJ+18, FTK17, FRM+18, FPL+19, GTEL+18, GMLGB+17, GBB18, GGYK18, GCK18, GZW18, GBMP13, HDKC18, HKA+18, HML18a, HZW+18, HHK+16, HPP+18, HIA+18b, HCL+17, HNQ+18, HXL+18, HSS17, JBM+18, JKAU19, JYY+17, KWK+18, KK19, KOT18, KKKYK04, Kim18, KLH+18, KLB19, KLS13, LMP13, LK18, LKJ+19, LS10, LHO17, LGL+17, LYC18, LDS+18, LRBW17, LW+13, MK17, MVL+18a, MGL+18, MLGGB+17, MMB+18, MGN+16, MPL18, NCCS99, NWT19, NJ18, OFD17, PC18a, PSVL02, PDT+18].
Internet
[PH99, PLGMC+18, PC18b, PM00, QZM+18, RGN+18, RMP17, RACA18, RHVP17, RC18, SAGGB17, SYJ+19a, SHS+19, SST18, SWY+18, She00, SDDG17, SYW17, SCZ+14, SZGbC04, SCG+18, TLSC17, URK19, WWX+17, WZW+19, WZ18, WWZ18, WLZ+19, YLY15, YA02, YWZ+18, YCT15, YHA+19, YN18, YAP16, ZPE17, ZAI+18, dFBP+17, ASA18, CCR18, PPMMM+18, RMDBG18, ZYA+18].
Internet-based [DRNM09, LW+13].
Internet-of-Things
[FRM+18, GCK18, LKJ+19, RGN+18].
Interoperability
[FGBK10, AF16, ACWJ19, BA17, BNJ16, CXDM18, DGC+17, EHT10, GTCZG+18, HA18, KKS08, MRS+18a, NAD+18, SEM11, SG11, TKK+14].
Interoperable
[HK19, CMD+14, DMMM11, HES199, KK10a, KKB14, NWT19, SCY+18].
interpolation [DS04a]. interpretation
[Hal88, NSHP88]. intersection [NW17].
interstellar [DRS04]. interval
[CPK05, Dal06, FZT+18]. Interweaving
[RM16]. InTime [PBA18]. intra
[GLZL16, HMW14, JLY+18]. intra-AC
[Ano86k, Fre84, Igl04b, Ano86g, BB13, MMR02, FS93]. introductory
[BLB03, Ray05]. Intrusion
[GLXF17, ATX13, FZHH14, HNCJ13, HRJ+04, KHWZ18, LYJ10, MC04, PMK18, SI18, SKB18, VSBN19, XFTZ16]. intuition
[Zad87]. intuitive [GGW+09, MKS18]. invariant [GDdFLC17, HV03]. Invariants [JK92]. invention [Bur02]. inverse [Del06, PBT02]. Investigating
[CWZ+17, PO00]. Investigation
[MS03, PWP+18, AAN+18, BP01, GDRS04, KR14, PLLA18]. Investigations
[AMM16, DC18b]. investments [HA18]. Invited [ECPP17a, RW13]. Invocation
[MBB10, BCFS02]. involved [GDRS04]. involving [SPM86]. IO [MYW+19]. IoFClime [MGGB+17]. IOFollow
[MYW+19]. IoT [TSAER18]. ion
[SB98s]. ionic [SW+13]. iOS
[DC17, DC18b]. IoT
[ABMM18, AT18a, ASAA18, BZ19, GBMP13, KK19, PPM+18, RMDB18, ZYA+18, ZHU18, AZH18, AHS+18, AUSA19, AJ19, AT9a, AHU+19, AKB+18a, AGA18, BKS+18, Bu18, CFP+19, CES+19, CGM+19, DRC+19, DSBC19, DSPA18, EBCP18, FFC+18, FJA+18, FMN+17, GAI+18, GZL+18, HC17, HLL18, HHK18, HSBE19, HST+18, HLT+18, HIA18, JP18, JSC+15, KHI9, KS18b, KPS18, hKRM17, KLP19, Kol18, KLV+18, KCCCL18, LJS17, LOR+18, LYC15, LYL+19, LWF+17, Mat18, MDB+18b, MIPI+18, MOFGP18, MWL+18b, MRS18b, MGA+19, NAD+19, NGB18, NDA+19, PPF18, PDH18, PWA+19, PPS+18, RTHB17, RMC+18, SISGS18, SDST18, SCY+18, SGB+18, SB18, SPS18, SPKG18, SLD+18, TF18, TOD17, TZL+18, TMB+19, TSGVRS19, TAS+18, TGM+19b, UGBM+17, VF18, Wan18b, WLP18, WYW+17, WXG+19, YH18, YZG+18, YSHM19, YAGG18, ZYX+18, ZLY+19]. IoT- [TOD17]. IoT-based
[CES+19, FJA+18, PPS18, TZL+18, UGBM+17, ZLY+19]. IoT-Cloud
[HSBE19]. IoT-enabled
[AKB+18a, TAS+18]. IoT-NDN [MRS18b]. IoT-wireless [SCV+18]. IoTBD [CCRL18]. IoTs [ZSW+18a]. IoVs [WLH+19]. Iowa
[CN98]. IP
[AMH02, DvdHDL06, JLL14, KHI10, MK04, RS17b, SWCP03, SK18, YCX05]. IP-based
[AMH02b]. iPSC [BP94, FHG95a, FHG95b]. iPSC/2 [BP94, FHG95a]. iPSC/860
[FHG95a, FHG95b]. iPv4 [KKK07]. IPv6
[BBLP05, LLH+03]. IQ [Szu01]. Iris
[GETL+18, NWMG17]. iRobot [HMW+19]. iRobot-Factory [HMW+19]. iRODS
[HH09]. Irregular
[VV92, BCMR01, BS04, BFK02, GCK08, SBDHO8, dSL98]. irrelevant
[KMC18]. irrigation
[SDST18]. ISA
[Goo02]. ISDA [WBMP99]. Ising
[Coo90]. islands [LG16b]. isolation
[CW13a, JK17, ZGB+17]. isometry
[YSZW18]. Isomorphisms [TX14]. Isospectral
[Prz03]. Isospectral-like
[Prz03]. Issue
[ADALZ14, CSYY18, DPDS14, DO15, GMP+18, HYZS16, JY15, Mes02, TCG14, TKRA14, YGS16, YJHZ14, ADLW12, ARB12, BB13, BDF+16, CRW+16, CPSRG14, DFRW17, DDB14, Kaa99, KZ14, KJ12, LNB14, PC18b]. Issues
[BvdBM+93, Dek86, GTSAR+14, LLWZ18, LKA+19, LWHS07, CMT01, FD02, GBT87, KLL+18, LNB14, SWY+18, SYK+17, TG07, Var00, YKO17, ZF18, ZL12, SM96]. Item
[Ano97d, Ano97e, LCL+16]. item-based
[LCL+16]. ITEMa [CGM+19]. Items
[BB17, CCMAn18, ÇÖ13]. itemsets
[CL14b, LHW+18, YK17]. Iterated
[ML17, SOD18]. Iteration
Iterative [KKH01, RN04, BJNH05, BGC +03, CCL11, Cie +04, FM10b, GZWQ13, HV03, dSL98].
ITIS’98 [EV99], ITä [WDD18]. IV [HHXL13].
J [vdR87a, vdR87f, 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, Wi88, Yat88]. Japanese [Ano84h, FS93, Kas85, Lin84, Van87b]. Java [ADT03, AC01, AG05, BBBD01, BP01, Ber00, BKL01, BFW +03, ESPP01, FW02, GW01, LTOT07, LP01, Lau01, LJ07, LRW01, MIO1, MJ00, PLL +18, SM01a, SEH99, SH99, SM01b, YdOLS +05, ZMN99]. Java-based [YdOLS +05, ZMN99].
Java/CORBA [LRW01]. JavaBean [FCW01]. JavaBean-based [FCW01].
JavaBeans [PS01]. JavaSymphony [JF05]. Javelin [NCCS99]. JCASim [FW02]. JetStream [TGN +16]. JGRIM [MZC08, MZC10]. JIMM [Jon00]. Job [BCMM18, CCL07, CCD +10, CRTN17, Fer96, LBB +09, AAB +10, BZY01, BCC +17, BCB +07, CCL09, FCIY +18, GRH05, GR96, GD10, GSP13, HXL90, KGH13, LZ10, LCC11, LYQ06, LGL +17, MLBS11, ÖE13, QPTG +12, RNJK09, SWG +16, SDD +09, TBBK13, TZT14, TLTY06, WWC14, WMLS14, WS10, WXZL11, XZ15].
Job- [Fer96]. Job-resource [CCD +10].
Jorrand [vdR87c]. Josephson [Kaw92].
JPEG [HSP +13]. JSBricks [BBBD01]. JSIM [MSX00]. junction [Kaw92].
JUNET [MK88]. JXTA [AMHJ10, HD05, SZC05]. JXTA-based [SZC05].
Kalman [TM05]. Karamjit [Ano87c]. KBS [SP93]. KDD [DSSU97, FS97]. Keeping [KCC18, MPC +18]. KeLP [MBFC99]. KelpIO [BFK02]. Kerberos [MPMP09]. Kernel [CAPG18, HKT94, JP18, LLSL18, LZY +16, PRW14, RT06, vW19]. kernels [BFR05, CF18, CGSZ95, JNPy06]. Key [ABB19, BBvdB +11, DCL00, GLB +18, PDH18, VCDK18, WSQ +16, ZZH +16, ZDR07, AQRH +18, APK +18, CRRC18, FHZW18, FNA12, GAYTC18, GMdFPLC17, GZL +18, HAAWH +18, IOV +18, JSMG18, KIL +16, LCP04, LBLY08, LL +17, LYY +18, LM07, LH03, LYT +05, LZYC13, MLC +18a, NXX09, ODK +17, PSL18, PM00, Wan19, WDKV19, WZ18, WHZ19, XZ14b, YZL +18, ZXW +18, ZWA18].
Key-aggregate [GLB +18, Wan19].
key-agreement [APK +18]. key-delegation [JSMG18]. key-value [GAYTC18, WHZ19].
keyboard [Ale97]. keyless [ZWX +18].
keynote [CCR18].
models [EHMS00, LH13b, LLL +18].
Keystroke [MR00, FZW +18].
keyword [CZZ +18, DLLZ17, HZL +19, LXX +14, SA07, TDRB18, WHMO13, WXLY16, YD18, ZSZ14].
KID [HMWM19].
Kinds [WG15]. Kinect [AKG +17].
Kinet-based [AKG +17]. Kites [VL03].
KL1 [Bal93]. Kluever [vdR87f].
Kluźniak [Tab86, vdR87f].
Knapack [HXWW18, OB19, VDPH09]. Knowle [XWL +15]. Knowledge [BBCN18, Chv87, DD07, How91, NS19, SPCL04, SNA92, TY85, Wal86, Wie85, ZSP17, Znu07, ZS16, ABTF16, Ano86b].
KBC +17, BPAP92, CSC +92, DMP16, DL04, EROS, EdBG +99, FFP10, GZS14, GRMSOG18, Hol93, KFF98, Kim07a,
Knowledge-based
[How91, SNA92, Ano86, CSC+92, Hol93, KFF89, Mac89, Ohy89, TNY17, dLLA93, vdr87], [Kruskal KP-ABE] [HQZH14].

knowledge-guided [EdBG19].

Knowledge-infused [ZSP17].

knowledge-intensive [SY04, KOAN [BP94], Kogan [vdr87b], Korea [HPF+18].

Kowalski [Ano84k]. KP [HQZH14].

Kronecker [BPS06, BKB18a]. Kruse [vdr87k].

Kruskal [MSA+99]. Krylov [Dat03]. KSR [LF95a]. KSR-1 [LF95a]. Kuaa [dOWdAS+18]. Kurganov [NB06]. Kutta [CP06].

large [SNW01, SLO+05b, SJL+18, TDFZ18, TJWS10, TY11, THT12, Var00, VSV95, WSZH18, WKL+03, WLLF16, WW+17, WRCC17, WCH+18, WDD18, WCW18, WBJM14, WS10, XWL+15, YDK11, YHJC05, YCAS03, ZG19, ZAB15, ZWW+13, ZW10, ZYTC15, ZXL14, ZA14, dSK+19, GPH+04].

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

Languages [Ano86, BS91a, HSS92, Ano85, AP96, BY93, BS92, DSH00b, EHT10, EP12, ES94, JS9+19, RBC+88, SDW13, ST98, Sun10, XLL+18a].

Languages [CMZ95, Bal92, BL92, JBA94, MRV92, MSSO2, Ono91, OP95]. LANs [HMW14]. Laplacian [DGA18]. Large [BBJ+06, CTT+08b, CHK98, CGJ+10, EGV18, FAJP99, FQBCF15, GSV+10, HKM+06, LKM14, LPK94, PB17, WVC05, AMBB18, AR15, ARP14, AQB15, BC15, BBSV92, BAPS14, BKB18a, BDL06, BDHK06, BCW01, BCG05, BCD+18, BCH+08, CHT+15, CHT+18, CDF+05, CRVZ15, CA13, CA15b, CR92, CL14, CZXL18, CWJ+18b, CTM006, CCHW03, CGM+18, CSP13, Dat03, DAM08, Din03, DK19, DDB14, DPL14, DB99, FDP17, FPGK18, FWB13a, GLA88, GLNT+13, GRMSOG18, GLVC18, GIM16, HST+18, HLCL16, HZ10, HAB+06, IPG+18, IS18, JRJ+11, JHC10, JH02, JTB15, KKH14, KBP+03, Kls05, KAS+18, KTV03, LT10, LSS+16, LWW+18a, Luk00, LM12, MTV05, MKH06, MPR+16, MLS001, NBB18, NS10, NEJP94, NJKH13, PPZ12, PLA18, PGCC+10, PBH101, PF17, PLL17, RN04, RL98, RDM06, STM18, SKT+08].

L [Zad87, TSEA18]. L-RNN [TSEA18]. L2P2 [SLL+17]. Lab [BGJ+06]. label [GLVC18, SLL+17, XHL+19]. labeled [LWT18]. laboratories [AKB+01].
licenses [CMZ+12]. Life
[BC03, CMO03, MPQ03, MKK03]. Life
[ABY+07, AFO+18, CBBC+17, DJZ+00, GCBM17, GPS+17, JOPW14, Kom89a, LWHC07, ML19, SFR15, WOP13, ML19].
life-cycle [DJZ+00]. life-long [ML19].
life-threatening [AFO+18]. lifecycle
[KAS+18, LYW+16, SPS18]. Lifetime
[PLZX19, KCM19]. Lifetime-aware
[PLZX19]. Light
[DS04a, AKB+18a, Eng14, LLZ+18b, LLU+18, SJR13, SHB89, YSL19, ZWX+19].
light-based [SJR13]. light-weight [Eng14].
lightpath
[GXD+09, JHL+06, KMCH03, SLJ+06].
lightpaths [CGD10, GMM+09, GFR+06].
Lightweight [GAI+18, MPLM18, ZLY+19, AMN18, BLL+19, BK06, CMS+18, CRRC18, EGK+07, HZL+19, HZI0, MNC+18, MHY+18, MLBS11, dRRRR+18, SZP00, SCS+18, WLS+18, YCT15, ZZX+19, ZSW+18a]. like
[CMT01, DDL01, Oie07, Prz03]. limitations
[ABdLL05, DGY+18, KC98, NS17b, Par87].
limited [JLCC12]. limits [LN13].
Lindstrom [vdR87h]. line
[BM15, BW05, CCCP19, EV98, LVH08, LLW+19b, TJ18, Ueh89]. linear
[ADAAD12, BJNH05, BDNP13, BFR05, BRMN04, BCG05, C7T+15, CLY14, DHD89, FPdS04, GKS05, GGA+17, HPP94, JLR518, JLQ18, Lop03, LD04, Pan95a, PHL98, PH94, SGFS01, SG04, TGM11, WWX+17, YPC12, ZZC18, vdV89a]. linear-time
[LD04]. linearization [Röb05]. lines
[MdOO+17]. linguistic
[CPE+17, ECPF17b]. Link [CC00, GCCPGBG0, HQ10, KIP18, LTC12, Sun10, WFQ+10, Zho10, AK18a, BC16, CGM+18, DFSZ88, GCC17, GXL+18, MDB+18, RRU+18, SMG18, SRP19, SGS+18, XWL+15, XHL+19, YCZJ18, ZGL19, ZS10].
Link-time [CC00]. linkage [TTC+14].
Linked [CDH+19, DMMM11, Ans11, BBD+13, CPSRG14, Li10, CAS+16].
linking [ABCD00]. links
[ABdL+03, CWJD19, KCM19, WRL18].
Linux [VSM02]. Lip [KLH+04]. liquids
[Fre94, SBS98]. LiReK [CRRC18]. Lisp
[Oka92, YTHY84]. Lisp-Based [YTHY84]. list
[BB13, DNP14, LY18a, Par04, YK17].
list-based [DNP14]. literature
[ABP18, AMS19, JC08, MCWP16, SDWS13].
Live [DK17, JDW+14, AS14, CFM19, HZW+16, JFZL17, KO11, KSK+11, LJLW13, LRZ+18, MYW+19, SLA+16, TDG+06, TCN+16, YMD+13].
live-broadcasting [LRZ+18]. liveness
[GAFFOG12]. living [FKT14, TMB+19].
Load [BL02, CY01, OSHH96, dRSS97, AA18, AS18a, BCRM01, BM08, BBGM10, CWD04, CSJN05, CRC13, Cho04, DLS+12, DXL+18, GOBL16, HLW12, IS18, KRZ12, KNK+08, KIC12, LYM09, LZWX13, LLW+18a, LN18, MM03, MKM11, PGM05, PAL+19, PRC+14, PBC+16, PBC+17, Qin07, QCY+19, SB97, SDTA19, SL11, SMG18, SJTN18, SMA08, SYL18, TDC+14, TZLL18, ZGB+17, ZMS+06, ZSI08, ZGL+18, ZFC17, ZFC18, VVB15, ELvD+96]. load-aware [KIC12, ZGL+18].
load-balance [DXL+18]. load-balanced
[SDTA19]. Load-balancing [CY01, AA18, LZWX13, PGM05, SJTN18, ZMS+06].
loading [HSC15]. loads [NJKF18]. Local
[Han03, LBB+19, PSS+18, REM04, ABMESM18, AEGF+01, BPC+01, FMRS18, GJ18, Hua10, HLL12, KMT14, LZL+12, PM14, RCMT18, SWW+13, WCM+19].
Locality [HSC15, SDTA19, XZL+18, BCRM01, HNK018, HBR01, JLD+19, Leo08, Leo01, NNRA19, QZD+18, SCCS11, TSK03, USK16, WWC14, WWQ+18].
Locality-aware
[SDTA19, SCCS11, WWQ+18]. locality-sensitive [QZD+18]. Localization
[MWL18a, SYJ+19b, GAI+18, HXY13, SJL+17]. localized [WKZ+03]. Locally
Machines [DK17, LYYY17, SvAS01, ADA^+19, AAM^+16, AS14, BHK90, BM00, CHS^+18, CC98, DEG^+17, DHS00b, DHS00a, DK00, DQLM15, DCMW17, GV13, GTB87, HM17, HZZ^+14, JLRS18, JLL17, JDW^+14, KZL^+06, KTY03, KSSG16, LLF^+17, LJJL12, LC13, Man15, PM04, PRC^+14, SS13, SDDG17, SLA^+16, TMMLV12, TDG^+06, Uch87, WQG15, WHCZ18, XWX^+17, ZWHC17, dITK92, SM01b].

Major maintenance [Mat18].


Main [LL04b, OSt92]. Main-belt [TT17]. Mains [Mat18]. Maintenance [DS16, ZH17]. Major [HSS17, Lit03]. Make [MCC^+18]. Maker [JBR^+16]. Makespan [JZWL17, JLL17, RNJK09, WYBS11, ZZS^+19]. Making [CN98, HNS05, RR^+14, WBT^+08, ZDW^+16, DD86, GS05, KK10a, KFF89, KKS^+18a, Niw89, PP07, vdR87f]. Malapp [WWW^+17]. Malicious [LLQS14, MRL14, WLM^+18]. Malware [AD18, HDKC18, HLH^+18, HAA^+16, HIA^+18c, MAY18]. Mammals [WMBV17].


Management [AR10, ABB19, CDH^+19, GS16a, WXY15, ABA06b, AB19a, ABGMC19, ADM06, ANG^+19, AAB^+10, Ano86j, ADK^+09, AEME^+18, ACC^+16, AK18b, BLO^+18, BBWB^+18, BJWZ08, BFL99, BFP18, BCF^+10, BAB12, BPP^+07, BN17, BDL06, BCP03, BDH14, BCD^+18, BRNR15, BR10, CMZ^+12, CMEA^+19, CXDM18, CPD^+15, CFG^+19, CO03, CKK^+04, CLL18b, CKKG99, CLM^+16, CYZK15, CT09, CAB^+18, Coo86, CR14, DCL00, DV^+15, DMG^+08, DMP16, DS08, DP19, DSS07, DL04, DYT^+16, DSP18, EG18, ECFP17b, Fer96, FA11a, FG14, FHM^+99, FM17, Fra08, FTH16, GCM^+11, GLM^+12, GLA88, GIE14, GBS10, GKW^+12, GCK18, GFB^+12, GGM18^+18, Gra01, GR07, HY09, HAP15, HM18, HCJ14, HKT94, HST^+18, HZP^+14, HB00, HML07, HML09, HHS^+18, JBM^+18, KSF^+13, KA08, KM11, KKL09a, KADJ14, KS17a, Ko18, KH18b, KD00].

Management [KARP14, KAS^+18, KH98, KVHT10, KK97, KLSS05, LS07b, LBYL08, LKN^+13, LMZ^+14, LSTV07, LLW^+16, LKK^+16, LYW^+16, MJGW18, MPCA15, MBS13, MSBA16, MM08, MED16, MK04, NJH^+18, NSSA^+14, NJKH13, OB17, ÔE13, PJ12, PRS^+13, PK99, PB17, PH07, PLCGS11, PMT01, PPH^+09, PF17, PPB16, PPA18, QLM^+18, RGS18, RMVG^+10, RM11, SEH99, SMS14a, Slo96, SCL14, SPS18, SAK^+10, SSW^+19, SCH^+19, TID17, TTB^+13, TF17, TSGVRS19, TMY05, TAHS14, TY11, TCBP16, URKM19, VAD1P12, VUC^+03, VDK12, VCDK18, WZC08, WW11, WCF^+15, WMY^+18, WDKV19, WLA18a, WBT^+08, WZS^+18, XLL^+14, XLL18b, XAW^+10, YMTL13, YZL^+18, YMM00, YMD^+13, ZWW^+13, ZCS^+16, ZKY17, ZLR^+15, ZWGC19, dSF^+17, dCTVC18, SJV^+15, ZDR07].

Manager [KMT14]. Managers [GDR^+14].

Managing [BBCN18, DGGH11, HLN11, HKP10, Kos00, LKA^+08, MBMTJR18, SCY01, ZG19, ACC^+05b, CFG16, Gos00, LRJG19, PSA^+09, SG14, TBB^+17, YLJH14].

Manchester [Gur85]. Mandatory [BL13].

Mandel [vdR87e]. MANET [Ad14].
MANETs [JFDF09, ZYW+18].
maneuvering [BRL19, LWX13]. Manifold
[AH94, XLL+14]. manipulate [VOCHC17].
manipulation [DMP08]. manner
[kHzWJW18]. manufacturing
[HDC94, HMW+19, SSST17, SSW+19,
WG91, WXWJZyF19, ZMS+06]. Many
[HYZS16, Len01, CLH10, EDH+13, JLY+18,
LC14, MAC14, MCA+18, MGMT18,
YLJ+17, YDT19, ZAB15, ZCL+14, ZLG+14].
Many-core [HYZS16, EDH+13, JLY+18,
LC14, MAC14, MCA+18, MGMT18,
YLJ+17, YDT19, ZAB15, ZLG+14].
Many-particle [Len01]. many-task
[MGMT18]. manycore
[HTL+18, JP817, LIt18]. map
[DR03, KLC05, LLW+18a, LWK+18,
SCCS11, FJ00, DL04, STA17a]. map-based
[LWK+18]. MAPFS [PCG+06, SPK+07].
Maple [YA07]. Mapper
[MLC18b, MSS+16]. Mapping
[AEGF+01, Mill11, MFT+17, Van92, YG18,
dRSS97, USA19, DSK+14, DKV14, DST10,
DST14, HSC15, KTM+08, LJW08, LwW14,
MBM18, MS03, MEBA12, Reh06, YWZ+18].
MapReduce
[FDGR14, ACK+15, DDJ+13, DFGR14,
GZQW13, HSC15, JGF818, JZWL17, JS13,
LM14, LQK+16, LLC+16, LSZ+16, LC14,
LLAI13, LSL+14, MNV12, MLC18b,
NNRA19, SEMJ11, SDA19, SB17a, SJV12,
VETT16, WR+13, XX14, XTT18,
YW+10, ZCK+15, ZFS+18, ZW18].
MapReduce-based
[LLC+16, LSZ+16, SB17a, YW+10]. Maps
[AS18b, Che18, DH16, DMM14, KLV+16].
March [BFS+17a]. margin [CZ12].
MARIANE [FDGR14]. Marine
[YWZ+18, FCD+14, WMBV17]. marital
[MNC+18]. Market [JBR+16, WII84,
JSS+12, JRF+07, Lin18, RT+16, RA12,
SCMS12, SVB07, Wi186, Yan89].
market-based [SCMS12]. marketplace
[JBR+16, MVG+14, VSMRM12].
marketplaces [ABH18]. markets
[BAB13, MG16, PRS12, VPT+10]. Markov
[BDHK06, BCB+07, CL18b, LvW14,
LW18b, WQG15]. marrow [BPP+07].
MARS [GR96]. marshaling [PVBA05].
Mashup [PC18a]. mashups [dVBK+11].
masking [BMU18]. mass [KV+18].
mass-gatherings [KV+18]. masses
[BR18, BMU18]. Massive [SG95, BORM07,
DGD+16, FGM11, KKK+07, LXL+17, NS17a,
SGB+18, WMLS14, WRGB94]. Massively
[DOD+92, KLO2, Cas94, CS96, Gil94,
JBA94, KZL16, NOF18, PDK10, PN09,
YdOLS+05]. Master
[LC14, Bun03, HCL07, PCC18].
Master-worker [LC14]. matacalculating
[HJS+09]. Matching [DDRR96, LZP+18,
TOS18, FLT17, KNK+08, LLC+16,
LLAI17, MWQ+14, MM03, NWMG17,
PRN14, QGX18, TJ18, WHCZ18,
WXWJZyF19, YZL+18, YZBGW18, YSW18].
Matchmaking
[DT16, CCD+10, LC18b, LSC+18, YAO14].
MatchTree [LC18b]. materials
[Gil94, HCL16, MZD+16, SY+09, SCK+00,
WRGB94, WAD+89, ZMS+06].
Mathematica [UB07]. mathematical
[KSAOK08]. mathematics [AMB13].
MATLAB [BKG05, EPJ+05].
MATLAB-based [BKG05]. matrices
[AcMo06, BH03, HWC18, dSL10]. Matrix
[XZ14b, BST+08, CDS03, DA03, GGMS18,
HBCR01, Jun18, Kat04, KR14, LC04,
LM+18, LGZ18, SJL+17, YWL+16,
ZWL+16, ZCH+17, ZZ18]. Matrix-based
[XZ14b]. matrix-vector [ZW+16].
matroids [YH18]. matter [To99]. matters
[PD11]. MAX [SH00]. maxillo [SG100].
maxillo-facial [SG109]. maximal
[LHW+18, SL+18]. maximization
[KCM19, MG14, NBB18, TL19, WDD18].
Maximizing [MFL18, SMS14b, WJL18].
maximum [CZ12]. MCC [vdR87].
McCord [vdR87a]. MCDM [SMZ+16].
MCMC [LvW14]. MDP [MRS18b]. MDP-IoT [MRS18b]. mdtmFTP [ZWDP18]. meager [DV13]. meal [MOFGP18]. mean-field [SZ98]. means [CGIP14, HKP10, SZ98]. MDP [MRS18b]. measure [RAKJ18, Szu01]. measurement [BDZ13, CST92, CY88, CCCT14, DC18b, GHYK18, GDRS04, KKW14, PLGMCdF18, PMFH11, Sar02, SGN17, SSB13, TMMVL12, WRCC17, YNY09, XYZ05, XPL19, YCY10, YSC15, ZG18]. measurement-based [VVC03]. Measurements [CSC18]. measures [DLDTGMMP16, GJY18, LG18]. Measuring [HRVW18, KdGP19, PARMF14, PARMF14, MEC [SISGS18]]. mechanics [Ald89]. Mechanism [ABB19, AR15, ARF15b, SYJ19b, CSJ17, Cho04, CB10, CC09, DJMW18, DLS12, EK11, ECPF17b, FD95, GA13, GZW18, HY09, HLW12, HAP15, HDLW13, JFD09, KKN18, KTM08, LCP04, LJY12, LXMW15, LHX18, LQLX10, LLGY18, MV18b, MV09, PWW18, SM18, SJTN18, TGM19a, TMP15, TAKV12, XDH12, YLL18, YXA16, ZA13, ZXXL18, Z09, ZA14]. mechanisms [BDZ13, CTR2, CY88, CCT14, DC18b, GYH18, GDRS04, KKW14, PLGMCdF18, PSH11, Sar02, SGN17, SSB13, TMMVL12, WRCC17, YNY14]. Mechatronics [CJN15]. MECOM [JDW14]. Media [MC11, MPI18, DVD12, GHO11, KMN05, LLG16, MCG15, NO19, RS99, WSN18, WD16, WLA18b, YXZ18b, ZG18]. Media-based [MPI18]. MediaGRID [VWD08]. median [KPS18]. mediated [ZGS13]. mediation [RVST17]. mediator [ABTF16, WBTO5]. Medical [EV08, KE85, OM10, AIA18a, AIB18, BCT107, CD09, CCM98, EdBG99, KKV99, KHHT10, LBHC16, LSR02, MJ98, MJ06, Mar99a, MLZ00, PMBS14, SM19, SB17b, SPS18, TIHT14, VSK19, VFHB14, WLS18, WPS18, XY105, XPL19, YCY10, YSC15, YLN15, ZCH17]. medicine [AV00, BJ17, CCBR98, FFC18, LWK18, MSRR98, W94]. MediGRID [KBB09, SLS09]. medium [DRS04, GHMX10]. meet [BR18]. meets [CCT13, MGR11, FY18, TG04]. Meiko [CW93, GL95, LF95b, RBS93]. MeikUS [GD93a]. Mellish [vdR87a]. member [SCZ19]. membership [GNVST14, PF17]. MemEFS [UDvD18]. memories [De 88, HBCR01]. Memory [BPS06, BM92, CSP98, DLZ16, GSD95, KGX95, MWQ19, PB95, AM90, ABLO4, BFLL99, BYL18, BK97, BBSV92, Ber98, BEW10, CPSD18, CR92, CS93, DKK13, DJ19, FC05, FJL16, GQLX18, GV13, HH98, HPP94, HHXL13, HZDS19, HMMW19, HG92, JDW14, KP12, KN06, KSM07a, KSM07b, LAL14, LW18, LWSC07, LYV18b, LB10, MAC14, M90, MC16, NP03, PY00, P194, RKB18, RDS03, SF06, TC06, USK16, UDvdW18, WY99, WWC97, WHZL10, WZS18, SG05]. memory-based [MC16]. Memory-efficient [BPS06]. MEnSuS [AK18b]. menu [LC03]. merchants [ABC00]. mercury [HRJ04]. mere [MBZL09]. Merging [Kat16, CPD04, TSOB15]. mesh [BRR04, CH05, DCB19, DS04a, KCD04, LH95, RZDM01, UWW19, WC01, XZ14b]. mesh-connected [UWW19]. meshes [JL98, PFMC04, SW05, ZG19]. Message [BFR99, FP05, Gor02, WHZL10, AM04, AC92, Ber98, CST29, CVX19, FFL19, KAC00, K194, LC17, LB19, NW17, RO19, RMDB18, ZA14, KDC08, LSH95, LM12]. Message-based [FLPP05]. Message-passing [BFR99]. messages [MTK00, ZC14]. messaging [OF07]. Meta [ATT96, CBS17, CTT88a, DD05, ESW17, FHM99, HML07, Lop96, PT16, PB17, TCC11, WZ19, XL19].
Middleware-based [DVVD02].
Middleware-level [GLXF17].
middlewares [AFF+09]. Midgar
[SAGGB17, GMLGB+17]. MidHDC
[PZY16, PZY17]. MidSHM [SCL18].
MIFaaS [FMN+17]. MIFIM [BS17].
MIFIM-Middleware [BS17]. MIG
[MPB+07]. Migol [LS08]. MigPF
dRRdQGR+18. migrating
[ALM+10, GVDT16, KLM+05]. Migration
[DK17, GWO03, PCBD09, dRSBH94, AMB+92, AS14, CYLT05, CPDJ13, DKV14, FNCR11, GGTRRC16, HZW+16, JDW+14, LJW13, DPBK16, MYW+19, FFJ18, SM01b, SLA+16, TGD+06, ZMTT16, ZZJ17, ZHHC17, ZFY18]. migrations
[PK11, ZG19]. Military
[GlS85a]. millenium
[KZBK99]. Miller [vdR86b].
millet [DJJ+18]. million [Eng14]. MIMD
[CS93, DFSZ88, Hey90, Kaa94, KM01, Pri95, VSV95]. MIMD-multicomputers [KM01].
MIMD-supercomputers [DFSZ88]. Mimic
[LZS18]. MIMO [WCW18]. MIN
[SH00]. Mind [Zad87]. MinEX [DHB02].
Mini [Kaa98, TF18]. mini-batch [TF18].
Mini-conference [Kaa98]. mingrid
[YQB07]. minimal [TVV13]. minimising
[DHS99]. minimization
[APAZ17, HLL+17, JWZL17, LGL+17, MFN13, ZF16].
minimize [RNJK09]. Minimizing
[JLL17, ZAC+18, ZZS+19, DLXRI4, GR96].
minimum [Dzw97, LY17]. Mining
[CLM14b, DSH+99, FGM11, FZH14, IHA18, JL14, LGW07, MNC+18, MSKT07, MRL14, SA97, XLZ+14, YXZG18b, YK17, ZDW+18, AMK18, AW19, CTT02, CGM+07, CPA14, CTT07, CS97, DGD+16, FS97, FJT01, FM01, FASC07, GGH+06, HPS97, HXZ+18, JRF+07, KOP+17, LY17, LY18a, LC15, LWHS07, LSLH07, NS07, OFT09, PSR+07, RAKJ18, SGKC10, Sin07, SD07, SSK+08, SSLF+10, THA+17, TNY17, TIHT14, WTG+14, WNZ18, YLW15, YLG+16, YL6, ZLD+03, ZZC14]. MloT
[BLMU19]. MIP [MVV+08]. MiPeG
[CD08]. Miscellaneous [Ano97a, Ano97e].
miscible [FPdS+04]. mismatch [MG+15].
missing [EBOY14, TSAER18]. mission
[BPAF92, Lau92, MC04, RRU+18, TMV+07].
misere-critical [MC04, RRU+18]. Misty
[AMQ5+19]. Mitigating
[LYW+18b, ASB18, TA18, WSQ+18].
migrations [KdGP+19]. mix
[QC8, AGP+92]. Mixed
[GA+17, SSFR19, SSK16, WHW16].
mixed-parallel [WHW16]. mixing
[ZMH+18]. Mixture [BBM10]. MJS
[BCB+07]. ML [GL05, GGLD10]. Mobile
[KKA18, AR17, AT18b, BDE17, CFL+15, FG18, FNM+17, FLR13, KIAID17, KIMR15, MAD+16, NKB19, RLM18, TMW+17, VFHB14, WZM+18, WZWW18, YHL16, AHS+18, ANG+19, AMH02, AMH04, ADLW12, AUH+19, AB18a, ADH+16, AMGCC18, AMPZ16, AMRM18, ALL+18, BJ12, BDP11a, BOP+14, BN17, BRB19, BCP18, CWD04, CGBAP18, CWJ16, CZA+18, CZS+18, CMV18, DSD+11, DYC+18, EAA16, ESPP01, FHZW18, FX07, GD10, GSP+17, GR07, GWO03, GMM18, GSY+17, GCC18, GNVST14, HIK18, HNZ18, HXZ+18, HJK+04, JLQ+17, JXC+19, JKLK17, JOSD19, KKKM13, KB18, KGLY18, LW18a, LM07, LH13b, LCZR12, LXMW15, LW+18, LLJ+11, LCX16, LPL+16, LWL+18, LWT18, LLGY18, LZLL18b, Lok12, LLAW17, MKS18, ODK+17, OF07, PZA18, PWY03, PK04, PRS+13, PKY+17, QZD+18, QGT+18, RS17a, RCOP+11, SPJ17, SLK17, SCB04, STA17a, SYK+17, TLA+15, TGM+19a, UTT00, VSSD13, VCD18].
Mobile
[WLZ+16, WWVJ17, WCL+17b, WWTF18, WLA17b, WMUJ18, XZZ+14, XCS+18, YLWW18, YCXX18, WYY+17, YCXX18, ZF16, ZDW+16, ZLL+17b, LSTV07,
mosquito [SM18]. most [CLC11].
motherboards [HJCD05]. motifs
[GAB+14]. motility [Len01, Low01].
motion
[KZCW13, KLC05, SKF+09, Sin92, SYW17].
motions [CRRC18]. motivated [Pet95].
motivators [NZOCJ+19]. motor
[RMSPP17]. Motus [BK18]. mouth [XL19].
MOVE [BJ12]. Movement
[BRB19, KSW+13, Pal01, Sch01].
movements [AKM18, NUPA19, RCMT18].
MOVICAB [HNCJ13], movie [MBC+11].
movies [Wei11].
Moving
[LSAM13, ATS14, BTG19, TTC+14]. MP
[GLXF17, LJY04]. MP-MID [GLXF17].
MPI [ACGdT02, ACH+11, BCh+08, 
CRE01, DZ98, FD02, FB97, GLM+08, 
IPG+18, JS13, LR06, LRV01, LBB+19, 
LHZY19, LS08, MM03, NHT06, PSK+10, 
Ren03b, RGDML16, SG05, ZA14].
MPI-based [LRW01]. MPI-DL [FB97].
MPI-Delphi [ACGdT02]. Mpixel [SW06].
MPLS [BLO+18]. MPP [HW95, vOB95].
MPP-systems [HW95]. MQTT [FG18].
MQTT [RMDB18]. MR
[DMM+99, GRP+19, VETT16, YWF+10].
MRA [ACK+15], MRI [GSV+10].
mrMoulder [CQ+19]. mRNA
[SW06].
MRL [BLO+12]. MRPL [BRB19]. MSIMD
[GS95]. MSNP [WWVJ17]. Mt. [CDRS05].
Mu [NTN86]. MUC [QYJ17]. Multi
[AYJ15a, AB18c, BMU16, BB17, DNJG17, 
DF97, DNP14, FJI+18, GTEL+18, GOBL16, 
GHEB+18, GXD+09, GCCL18, GLXF17, 
HM17, IS03, JA09, JLQ18, JY+18, 
KA19, LLH+17, LPL+16, LPS+16, LZW19, 
MZH+17, MGTM18, MLF16, MR03a, 
MR04b, MRR17, PdASM18, PWWD18, 
SA14, SKF+11, SS17, SDD+09, TZZ+18, 
WZW+19, WW11, WWTF18, XPL19, 
YDT19, YLC+06, ZFW14, ZCL+14, AD18, 
AFS+19, ADKS06, BGI14, Bar11, BPC+14, 
BGW19, CYY+18, CJXX19, CLS09, 
CXC+18, CCCT14, DLZ17, DFG+00, 

Sch01, SWW+13, ST98, SLW11, VVB13b, 
WJZ+17, XA10, YZW+18, vdHSL+15].
Modern [ABMS05, LRYJ17, MDT+18, 
SSC04, TKR+15, ZME+15]. modes
[CASW05, FAA+18]. Modified
[BRL19, GDRS04, LNJ04, SLTK19, ST11].
modifying [GL04b]. MODIS [HRR+14].
Modular [DSPA18, CHJ+04, FSP+18, 
HMO7, PSW+14, RN04, YP12].
modulated [GZZ+18]. modulation
[HJK+04]. module [WG00, WP]N+18].
Modules [HLvL+97]. MOF [DKJ19].
MOF-BC [DKJ19]. moldable
[HHZ+14, MLBS11]. molecular
[ASV+13, BRS04, FAJP99, GRPL04, 
MDD89, MF93, PHM+99, SCK+00, SBA+05, 
Szu98, ZCW+04]. molecular-dynamics
[SCK+00]. molecules [DRS04]. Molokai
[Hul89, Rh089]. momentum
[HDL+18, KKH01]. MOMI [DSFZ88].
MOMI-connection [DSFZ88]. monitor
[HMP04, SHLJ+13, ZYZ+18, vdLLE19].
MONitoring [Szu89, ACU95, BSG+05, 
BFW+03, DVP90, KS18d, LRZ+18, 
RMCN+10, VLAC+13, ABC+18, AAS17, 
AB19b, ASO14, APK+18, AIB+18, ADF+05, 
BBFW03, BKB11, BBWB+18, BCC+17, 
CA15a, CJHH13, CZH+18, CC09, DP19, 
EET18, FZW+18, FG13, FAMA+17, 
FWB13a, FCD+14, GMP+17, GTK15, 
GJP18, HEES19, JNLH18, KSF+13, 
KBdLG18, LBB+09, LCCM18, MVL+18a, 
MSM+13, MOFCP18, MML018, NDZ+18a, 
NDZ+18b, NDZ+19, NDA+19, PMILVS+13, 
RRS10, SSL13, TCN+14, TSTL16, TSBH11, 
WHMO13, WXZ+18b, WDD00, WPS+18, 
YCL+19, ZSO5a, ZZZ18, ZZZQ+13, Szu89].
monotonicity [EL03]. Mont [OBG+18].
Mont-Blanc [OBG+18]. Monte
[BST+08, CPGdS+13, CPGBP16, DDJ+13, 
JH16, TMTY05]. Monte-Carlo
[CPGBP16]. Morpho [LSJ+14].
Morphological [YP12, GDA18]. mortals
[MBZL09]. MOSIX [BL98, MKM11].
multi [LPD+13, LLLW17, MWYC12, MZP+19, MSK03, MR04a, MDD15, MYK16, MRN19, NWE04, PK11, Par06, PRC+14, PDW+11, PMIVLS+13, QCYJ17, QZM+18, RMJ+18, RRU+18, RB18, RMHCVM15, RRH16, STM18, SSG17, STTK03, SBAD+18, SWG+16, RCS+18, SOIS12, SW+18, SBK18, SHLB08, SLY+19, SVN10b, TLYT05, TKA+16a, TCBPR16, TCN+16, TTYH04, VD16, WHMO13, WWC14, WHW16, WJJ+17, WJS+18, WSH+16, WHP09, WXZL11, WSQ+16, WLXZ18, WXZ+19, XYLZ18, YJS18, YZ12, ZGB+17, ZWL13, ZZH+18, ZLG+14, ZLL+16, ZHHQ18, Zin18, dFPFG19, vMN94, vOHD+05, AB17, Gra92].

multi [GTEL+18].

Multi-application [DF97].

multi-aspects [MZF+19].

multi-attribute [FLT17, SHLB08].

multi-block [vMN94].

multi-camera [YJS18].

Multi-Capacity [BB17, HMH17].

multi-category [GGLW18].

multi-channel [GQXL18].

multi-Cloud [JTS15, DEG+17, KKKM17, KKKM18, RMJ+18, SBAD+18, TKA+18a].

multi-cloud-server [KLW+17].

Multi-cluster [JAA09, WHW16].

multi-component [SVN10b].

Multi-core [MGMT18, MMRL17, LG16b, MWYC12, PK11, PRC+14, QZM+18, VD16, WJJ+17, WSH+16, YZ12, ZHHQ18].

multi-cores [HLZ18].

Multi-cost [SDD+09].

multi-CPU [VD16].

multi-criteria [FJJ+18, KA19, MSLF16, ADKS06, WHP09, ZZH+18].

multi-criterion [FTK+14].

Multi-device [LPL+16].

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

multi-disciplinary [DFG+00].

Multi-domain [GXD+09, YLC+06, SLY+19, XZW+19, vOHD+05].

multi-exponentiation [WSQ+16].

multi-factor [LWD+14].

multi-formalism [BGJ14].

multi-function [WLXZ18].

multi-generation [CJXX19].

multi-gigabit [KDH15].

multi-GPU [VD16].

Multi-GPU-based [DNJG17].

Multi-grid [CCCT14].

Multi-Hop [WWTF18, KESL17, LLLW17].

Multi-information [GCCL18].

multi-installment [SOIS12].

multi-job [WWC14].

multi-key [LP]18].

multi-keyword [LLH+17].

multi-label [LXK+14, WHMO13].

multi-label [GLV18].

Multi-layer [TZL+18, CCLS09, DvdHGdL09, SCS+18].

multi-layered [WSJ+18].

Multi-level [YDT19, AD18, CXC+18, GOBL16, RMHCVM15].

multi-link-failure [RRU+18].

Multi-objective [DNP14, GOBL16, JLYQ08, LPV+16, LZW19, ZCL+14, CZY+18, FZT+18, GPS13, LDJL19, STM18, WWC14, ZSY+16, Zin18].

multi-order [LW18b].

multi-paradigm [STTK03].

multi-party [KKB18].

multi-physics [Par06].

Multi-point [SKF+11].

multi-proc [MRN19].

multi-projection [BGW19].

Multi-Protocol [GLXF17].

Multi-provider [BMU16, IGB+14].

multi-proxy [TYH04].

Multi-QoS [AB18c, AB17].

multi-relay [ZLYL13].

multi-resolution [KLH+04].

multi-resource [LYYY18].

multi-scale [SDD+09].


multiagent [PCG09]. multi-theme [PSPP16, ZWJ+18]. multicast-based [FRM05].

multicasting [ECBP18]. multicellular [Pal01]. Multicenter [BJM+17].

multichannel [MYBM18]. multicluster [CWD+08]. Multicomputer [MF93, BL98, CST91, KDO0].

multicomputers [KM01]. multicore [ADH+16, BFP18, CHS+18, HAF+16, JLRS18, KR14, LRYJ17, PSSP16, RGDM16, WCC+16, WPJ16, WLRL18, HYZS16].

multicores [SHP+16]. multidefinition [Pan95b].

Multidimensional [CLR16, PLW+19, BS09, JLC18, YC13, ZQZZ09]. multidisciplinary [ATJZM02, SMK05]. Multifaceted [ABTA18, GBF+12]. multifrontal [IST04].

multifunctional [DCK03]. MultiGrain [MSS+16]. MultiGrain/MAPPER [MSS+16].

multigrid [LLRS94, LN94]. multilayer [RM97]. multilayered [NXK09].

Multilevel [SRP19, WC01, SSC04]. Multimedia [ACM+18, HXA+17, YWL+17, AMPP19, BS91b, CFGC03, CdRrDCB19, FGRZ09, GL04b, GSY+17, HLYW17, HML+06, HXL+18, HHHH19, IG12, KCM19, KLJS19, Mul92, Pap05, PKY+17, RHH+16, TGM+19a, WHL+19, vKvWD+13].

Multimodal [Sar18a, AHM+18, EAA16, HUY+19].

Multimodel [KV+18]. multinet [Klo05].

Multi-objective [CZL+18a]. multiparadigm [BDYC05]. multiparty [HML+06]. multipath [KN10, VSKS19].

multiphysics [MTH+05]. multiplayer [PN09]. Multiple [CWW+16, MBFC99, SKS+18, YZZC19, AFF+09, Ans11, BB16, BCPS03, CTVB12, CMB17, CGL08, CAPG18, CSL18, DPL14, EG18, FD95, HQ10, JCSS01, JL03, KSK+11, LLY+18, Li18, LSMVLM13, MJM+16, MVRM08, MJ01, PC17, RM11, RMMHG17, SG17, SLA+16, SVN10b, TMMVL12, WTM+17, XDH12, YXZG18b, YD18, YL18, ZYB+18, dFVPSSH14, dCCTC18, dFPGF19].

Multiple-combinational-channel [CWW+16]. multiple-context [FD95].

multiple-perspective [HQ10]. multiple-task [MVRM08]. multiplexing [HFM19].

multiplication [ZWL+16]. multiplicative [TW+18]. multipliers [WMLS14]. multiply [CSQ17].

Multipolarization [FLN+18].

Multiprocessor [SZ08, AAB+92, BR02, BW95, CR09, DKV14, GE90, Kat04, Kun94, LS01, Nos98, OSCY93, Par04, SC16, SKJ01, SF06, Yam92, ZM16, mM95].

multiprocessors [AB95, Ber98, CK00, HX13, TC06, WYJ99].

multiprogrammed [ABA06a].

multiprogramming [Ste92].

Multiresolution [EWW09, Boa04, GRS+19].

Multiresolutional [PCB99]. Multiscale [APS+19, BC15, BC17, BEWZ10, MSS+16, RBC+15].

Multi-set [BCL88, MK95].

multiside [CRYG18]. multisite [DST10, LPV+16].

multispace [CW93].
Network-aware [BCR+12, Pal09, TCC11, VDK12, ZHNC17, PP10, TCR+12, UDVdW18].

network-based [LYY17, Sun92, RGSL18].

network-driven [YMLT13].

network-failure [DCF19].

Network-on-Chip [MBM18].

Network-on-chips [SSG19].

Networked [FMD99, PMFH11].

Networking [CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, CJK+18, GXL+12, GZLZ16, GdBW06, HDA+94, HRJ+06, LFCP+05, LFL+18b, MCJ19, MT17, MWC+03, PYM18, PA01b, RL+17, SP18a, SCZ+19, TGM+19a, TBdL16, VBP03, WWVJ17, WXG+19, ZBCT17, dLRW03, ADBM19].

Networks [SYJ+19b, EGV18, FPPD14, HGM15, KIA17, LV+19, MWQ+19, PLLP19, RQN+19, SRP19, SMS16, TKA18b, WZW18, AJ19, AQRH+18, ASO14, APK+18, ADKS06, ACM+18, AMPP19, ASYF18, AIB+18, Ami90, AbdlL05, AB03, AC18, BDP11a, BLAN+16, BS09, BMK+14b, BCR+12, BCM10, CZY+18, ÇO13, CJ14, CJ16, CJK+18, CZM+18, Che18, CZZ+18, CW13b, CSC18, Co090, CBD+05, CdRdCB19, CGJ+10, CS97, CHY+18, D298, DvdHdL06, DvdHdL09, Dor05, DKJ19, DYC+18, ESPN17, EYY19, EA13, FG18, FJJ+18, FZHH14, Sou91, FM08, FR08, FP14, FSMS88, FLN+18, Ful91, GKI10, GRT10, GLA88, GS13, GJY18, GSP+17, GR07, GGH+06, GGSZ09, GHO+11, GBKJ18, GWC+16, GLXF17, GXL+18, GZL+18, GSN+18, GGMS18, GNVST14, HKA+18, HAAWH+18, HCC+14, HAE+03, HAM18, HDB18, HYF18, HAB+06, IASK14, IEG04, JAA07, JLQ+17, JXC+19, JL98, JW14, KWK+18].

networks [KY85, KRZ12, KKK07, KPP+18, KCV11, KV12, KKL06, KD00, KESL17, KLW+16, LLYW19, LC17, LKG07, LBYL08, LWD+14, LLQS14, Li15, LFL+17, LCW+18, LZZL18a, LZF+18, LW18a, LL18, LM07, LLW+19b, LCZR12, LY18b, LWH+18, LAM07, LQLX10, LLJ+11, LZXG12, LXW13, LvW14, LWL+18, LWY+18b, LGZ18, LS01, LHBC16, LL+18, LZY+16, LLAW17, LW+19, MML+18, MG19, MNC+18, MFP05, MDB+18a, MDB+18b, MFL18, MS+16, MLW+18b, MPT18b, NBB18, SN10, NK05, NJFK18, NSSA+14, NJKH13, NSII02, Ole07, Pan95b, PSL+04, PSJ+12, PRS+13, PC17, PDH18, PNNM13, PPPS18, PBC+01, PWWD18, PF17, Pd01, RWY+18, RHMG14, RM97, SJ14, SPT+18, SSGR+16, SISGS18, SOD18, SM01a, Sap88, SVC+07, SNW01, SCY+18, SCB04, RCS+18, SLS10, SLC15, SPEW09, SDD+09, SRG+03, SJTG07, SCEC18, SK05, SLL+18, SLZ+19, SYL+19, TSD18, TY11, TL19].

networks-based [VSN19, VCD+18, VBS09, WSQ+18, WC01, WSSH18, WLP10, WNI10, WWD+14, WJL18, WDD18, WDJC18, WCM+19, WdL16, WLQ10, WLS+18, WLZ+19, XCS+18, XL+14a, XZ+17, YPLL17, YHL+19, YX05, YL18, YLA18, YLH+19, ZF16, ZGL19, ZL+03, ZLL17a, ZZSZ18, ZZZH+18, ZWS+12, ZNC+18, ZBL+14, ZLC+19, ZZC14, ZZZL18, ZSS+18, vOH+05, vHDT+06, BMK+14a, IDKD19, LN+18, WL00, ZHZL+18].

Networks-Generated [ZHL+18].

Neumann [HG92, KDE04].

Neural [Sou91, Ful91, GKI10, GRT15, HDK18, SSK+18, AFO+18, ASYF18, Ami90, Ban02b, CZH+18, Che18, Co090, CS97, Del06, Fio06, HPZL18, HUY+19, HZL18b, JL98, KKP+05,
Ontology-driven
[OntoZilla [JC09].

opcodes [ZXM+19].

Open
[BJMWZ08, CAS+16, QC18, AJZ+02, BFN18, CASW05, CCM+14, DPP03, HKP10, KS11, KS18b, KTTK17, MG11, MQN19, PWA+19, SJY+15, SWY+18, SGM11, SP93, SYK+17, TSGVRGS19, TCB+17, YHA+19, CWD+08, GM11, MtI11, MCF+11, SB11].

Opening
[HICÁFM+06].

OpenMOLE
[RLRC13].

OpenMP
[NHT06].

OpenNebula
[KMT14].

OpenRTE
[CWD+08].

OpenStack
[CFF14].

Operating
[ZYA+18, AHdJF97, BL98, BBI13, DDMPG17, Gos00, MGLV04, RG04, WB90, ZAI+18, Zin18, BG87].

Operations
[WMN+01, DL04, EGI18, GDA18, Kat04, Lau92, LY90b, LHCC18, MBB10, NSI02, TMDZ15, ZZC18, dLLA93, vWMBS14].

opinionated [MZP+19].

OPTIMIS
[Ano84i].

optimizer [DHL18, FN00, LK08].

Optimize
[CdSDS15, HPGMM18, WCC+09].

Optimization
[BC03, LXJD18, SSG17, TA18, WPS+18, ZCS+16, ACML05, ABMES18, ANA16, AKP+18, AT18a, AC18, BRL19, BMR01, BMU16, BBL+05, CPGBC16, CXL+18a, CHC+17, ECA+18, FZT+18, FM01, GSI12, GHEB+18, GGA+17, GZZ+18, HPZL18, HAP15, HZP+14, HZL18b, HLZ18, HCHH19, HKP10, ISS+15, KKS18b, Leo01, LLWW18, LKG08, LAH10, LLW+12b, LJW+19, MVRM08, MGMT18, PFR16, PKC+05, RD14, Sch03, SKJ01, SCY+18, SGN+17, SGB+18, TSK03, TWZP18, TV16, VR12, WVC05, WWX+17, WCL+17b, WWQ+18, WZWC18, WZWC19, WZ13, XDLH12, YDD+18, YKK13, ZRZL18, ZNL2, ZZJ17, ZWZ18, ZYW+18, ZWZ19, ZL+14, ZL+16, ZQB+18, ZSMS18, ZZHIQ18, ZXL14, dNE05, MWMA10, PW09, PT16].

Optimize-based [BRL19, HAP15].

Optimizations
[CC00, DSS98, SBA+05].

Optimize
[CdSDS15, HPGMM18, WCC+09].

Optimized
[AOIS10, DLW07, DEG17, GC94, KMK+19, KLM+03, KCM19, LXD17, LJW08, RSRV88, BG05, EBCP18, FTK+14, GS05, HZLH19, IDKD19, KA19, Len16, LSMVML13, SRKS18, SMS13, TKT+08, XYLZ18, ZLTY10, ZWL13, Zat+17, ZB19].

Optimisation
[Ano12r].

Opportunities
[AR17, Jun17, PYM18, AZH18, ALK15, CLCY18, CBBC+17, CDFW18, GS16a, GRL11, GFD14, JC15, MWW+15, OFMZ18, QCD16, RMC+18, WGX+19].

Operator
[Kos00, YDD+18].

operators
[ECPF17b, NHT06, TSOB15].

optimise
[RS98].

optimised
[BBC+99].

Optimising
[KACN16].

Optical
[DFSZ88, MSM+18a, WSTW87, Yap88, CASW05, CG+10, DvdHdL06, GH0+11, HRJ+06, KK10b, LKTC14, MVC+03, Mam09, Pa06, Pa09, RvdSB+03, SVC+07, YGYW16, dLRW03, vOHD+05, vdR87e].
MFL18, VSDD13, WBJM14, WLH^+19, ZSMS18, vW19]. **optimum** [Dal06, AFP91, AFP^+92].

**OPTIMUM-AIV** [AFP91, AFP^+92].

OptIPortal [SGP^+09, SBlI09].

OptIPuter [DLR^+09, DDS^+09].

OptIPlanet [SGP^+09, SBdL09].

OptIPortal [DLR^+09, Mam09, SBdL09, SW06, TWC^+06].

OPusJava [Lau01].

OR-forest-based [CY90].

OR-parallelism [Zha93].

Oracle [CW93].

oracles [MMR02].

orbit [LY18b].

orbitals [REM04].

Orchestration [MT17, JTS13, SLL^+18, SLY^+19, VCE^+19, XWL^+19].

Order [Pan95a, AAC04, BFR05, BFC02, Bou95, Che14, Dal06, DJPM18, JNR01, LW18b, TJ18].

ordered [Bag11, GY90, Qu04, SAKOK03].

Ordering [HMH17, BBI13, Kos00, ZWJ04].

organisation [EGAQ09, Gra92].

Organism [ANA16, Low01].

Organizations [KHK^+16, KSM^+07a, KSM^+07b].

Organizational-based [JKLK17].

organizations [Li10, RJH^+09, SCZ^+19, SSMF18, SR19, VWD^+08].

organized [RP18].

organizing [DD05, FS07, FSM88, MPR^+16, dRRRR^+18, dRDQGR^+18, SLL^+18, VRGR16, XWL^+15].

orientated [ZDL^+13].

Oriented [BZS18, CHHW91, GLXF17, SCL18, VDTK12, AMBB18, AWN^+13, AB18b, AQB15, BvdV99, BdcGY05, BR18, BGV97, BHH91, BHH92, BHK90, CJP13, CLL^+14, CGST09, DVD12, DMI2, DC00, EAED18, EG18, FLR^+16, FJ00, FKT14, GVURIVBV14, GA13, GIsB5b, HWW04, Hu05, HLT^+18, JBA94, JKLK17, KST92, Kob92, KK16, LL03, LvSW^+04, LX13, LWZ18, MSLF16, MHA08, MRS^+18a, NK15, OFT09, OE13, PSLZ18, PBA18, SBLW14, SZD^+17, SLL^+18, SAC11, Tak05, TAKV12, TBK06, VSM02, VDK12, WDJC18, WYN^+90, WZWW18, XLW^+17, XDHH12, YNSM12, YZW14, GMELO8, Sun10].

origin [LHB95].

origin-based [LHB95].

orthogonal [Fio06, PP06].

Orthogonal [DV03].

OSCAR [LSLS05].

oscillatory [DR03].

OSG [VHML10].

OSI [Kob92].

OSINT [QC18].

OSLN [Sun10].

OSNs [GSN^+18].

Osseous [DGA18].

osteochondral [Bo19].

other [HXA^+17, ZZC18].

out-of-order [BFR05, BFC02].

outdoor [MLGG^+17].

outlier [DJPM18, NGB18].

outliers [SAG19].

Output [JKLK17, Aba06b, HPZL18, WHCZ18].

Output-oriented [JKLK17].

Outputs [SK97, CCR18].

outsourced [FS18, LYZC15, DLSM15, WWR^16, WCL^+17a, ZSW^+18].

over-the-air [ZXX^+18].

overbooked [LPBB^+18].

Overcoming [KC98, USK16].

overcommitted [CJHH13, ZHHC17].

overhead [DT94, LZHY19, MTKS00, MVL18b, RS17b].

Overlap [LJJ18, BCFS02].

overlapping [MTNM08].

overlapped [T998, RZD01, SJL^+18, SAC11].

overlays [AN08].

overload [LYYY18].

overloaded [SP17].

oversubscription [MCA16].

Overview [BP94, ZG15, AT19a, AB19b, BC3, DGST09, FB518, SLY55, KE85, Lan00, Miz89a, vdR93b].

OVM [BC302].

own [VPA^+18].

Owner [HLH^+18, SBL18].

ownership [KH18b, LCL^+19, RACA18, SK18].

P [Ano86i, Ano87b, Ano87c, Ano87l, JLL17, vdR87e, FK11, KKS07, MHZK17, SdR99, SSLF^+10].

P-batch [JLL17].

P-CAM [SD99].

P-found [SSLF^+10].

P-GRADE
P-Spec [MHZK18]. P2P [AR10, BCR+12, CsZW14, CW13b, DMZ09, FM08, FR08, GDJ+13, GPK05, GNWT05, HCC+14, HNK018, HDLW13, IT05, Kim07a, LS10, LJY12, LLZ07, LQLX10, MM08, OPO13, OCCK14, PRS+13, RLP12, RMGC14, SA07, SAGL10, SYL18, WN10, WW13, WM07, YCX05, YMD+10]. P2P-assisted [HDLW13]. P2P-based [GDJ+13, SAGL10]. P2P-content [BCR+12]. P2P/Grid [YCX05]. PaaS [KKKM18, KKKM17]. Pachycondyla [MVS00]. package [BK1L01, De 98, SLZ95, YA07]. packet [KDHP16, MSM+18a]. packets [HCL+17]. Packing [BB17, LGMV02, MAA+19, SK12]. PaCMAn [ESPP01]. PadicoTM [DPP03]. Page [vdR87b, BRXs11, LXL+17]. PageRank [MK19, RCM17]. pages [Ano86i, JDW+14, Teb86, vdR86b]. paging [BK06]. Pairing [MLC+18a, LL16]. pairing-free [LL16]. pairwise [Tis07, XZ14b, YWJ+18]. Palmprint [BG12]. panchromatic [GHEB+18]. pansharpening [YJY+18]. paper [ECPF17a]. Papers [TCG14, BGL08, CC11, CCL18, Iglo7, KZ17, LRBO2, RW13]. para [LC13]. para-virtualized [LC13]. paradigm [AHS+18, AHP+18, BLMU19, BDP11h, BRH18, GBY16, HHSW92, HCL07, KB09a, LC14, MvdV01, PA01a, Pri95, STTK03, VR00, XLW+17, ZAA+14]. Paradigms [AR07, G0l00, GSN+18, JK92, OB17, RR18, SISGS18]. Paragon [ABK94]. Parallel [AvLR92, Aba06b, AJY15a, ABF93, AJZ+02, AMB+92, Ama88, Ama89, AKW90a, An090g, AR98, BCL88, BMPS01, BVP+87, BJNH05, BHH+93, BHK90, BLM03, BTM10, CDG+14, CLZ18, CN92, CHWH91, CSP98, DDO+92, DFSZ88, EDD+10, EFDO0, ES94, GL05, GS05, GA06, GCK98, IMSV90, IST04, JSS9, KKH14, KGX95, KU01, LOJ+07, LDS95, Luk00, Mal94, Mal01, Mal02, Mal05, MPG96, OSH96, PPJ95, dRDrDQR+18, RZDM01, SdR99, SBS98, SG95, SM96, TCG14, TKRA14, TBD+02, Uch87, VSDV95, Vre88, WGL92, ZHWH18, ZE001, dSL98, Aha06a, AEGF+01, AT01, ADT03, AKW90b, dRADFG18, AS14, Bal92, BBH18, BBC+99, BC17, BK97, BPS06, BG05, BBJ+06, BGC+03, BKB18a, BGMLS17, BFC02, BL92, Bou95, BSG+05, BCW01, BCM+95, CLP95, CGB+12, CVT19, CPGdS+13, CST91, CST92, CZY+18, CZL+18a]. parallel [CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CG02, CKFJ06, CEGL01, CGL08, CCL11, CXL+17, CY90, CC98, CS96, CTM006, CCHW03, dCCDF+01, CFG93, CSP13, DST14, DDR96, DZJ+00, DRS+97, DLV86, DV01, Dup90, EGCY+06, EL98, ESP01, FSP02, FGM11, FD95, FN00, FM10b, GVD16, GNOY01, GCCC+07, GBS10, GJS+94, Ger02, GGLD10, GHZW94, GOMD98, Gil94, GZWQ13, GC94, HH98, HHHSW92, HHS98, HRRSW99, HAC92, HHGT05, Her91, HKT94, HLS006, Hifi03, HXL90, HSS00, HHZ16, Hum92, HJLZ18, HMC06, ID98, ISS+15, JPB17, JL95, JSK+06, JBA94, JL03, JLY+18, JM01, JEB18, JLMR00, KDFL99, KK00, KP00, Kac00, KA09, KZL106, KSY92, KMK09, Kos00, Kos5, KM01, KTV03, K892, K102, LC04, LP01, LR01, LLYW+18a, Li18, LLSR94, LSL11, LN94, LRMG94, LSS94].
SVN10b, THKG98, Tan02b, TTC\textsuperscript{+14}, TF18, TMT\textsuperscript{+07}, Tic03, TV08, Tis07, TSZP99, UM02, VAS95, VP94, Vre89, VF01, VFS01, VSV95, WKZ\textsuperscript{+03}, WKC\textsuperscript{+13}, WHW16, WJZ\textsuperscript{+17}, WWZC19, WA06, WHY17, XHY\textsuperscript{+90}, YCAS03, YdOLS\textsuperscript{+05}, ZT90, ZT91, ZGCM00, ZEO98, ZX, dKdOS03, dLB10, doOO\textsuperscript{+13}, dITK92, mL95, vKvWD\textsuperscript{+13}, vDV99a, vDV89b, BG87, Her87, NCCS99, NS17b, TRFR01, VD16, vDR86b.

Parallel-Operating [BG87].

Parallel/task [CBK\textsuperscript{+01}].

Parallelisation [IJLC03].

Parallelise [IJLC03, SLZ95].

Parallelising [Kea93].

Parallelism [Par90, Bal91a, CDG\textsuperscript{+14}, Gos00, HPGMM18, Hey90, Jia98, Kos95, MBFC99, WC14, WRBG94, Zha93, ZS90].

Parallelizable [Tor13].

Parallelization [BST\textsuperscript{+04}, BPC\textsuperscript{+01}, BVDF00, LPB04, WYJ99, BCMR01, Fah98, KC98, SMC18, vM94].

Parallelizing [GWC\textsuperscript{+16}].

Parameter [CQW\textsuperscript{+19}, NHG02, NHG03, SNC18, SIL\textsuperscript{+13}, SBA\textsuperscript{+05}, SVN10b].

Parameter-space [NHG02, NHG03].

Parameterisation [GVD\textsuperscript{+03}].

Parameters [HLZ18, NBB18, PBT02, SWW\textsuperscript{+13}].

Parametric [NGB18].

PARDIS [Kea99].

PARDISO [SGFS01, SG04].

Pareto [TZST14, WWX\textsuperscript{+17}].

Paris [Ano84k].

Parkinson [AAN\textsuperscript{+18}, AAS17].

PARLIB [CGS95].

PARLOG [Bal91a, DT93].

ParSA [ZSX\textsuperscript{+15}].

Parsing [BM00].

Parsytec [Cro95, vOB95].

Part [PH94, MK16b, PZY16, PZY17, RVC16a].

Partial [WWT\textsuperscript{+16}, PBC\textsuperscript{+16}, PBC\textsuperscript{+17}, TBD\textsuperscript{+02}, Xia06, YCX18].

Partial-load [PBC\textsuperscript{+16}, PBC\textsuperscript{+17}].

Partially [HKS18, Ven08].

Partially-observable [Ven08].

Participating [TDC\textsuperscript{+14}].

Participation [CAB\textsuperscript{+18}, EKGS14, NZOJC\textsuperscript{+19}].

Participatory [LLGY18].

Particle [KG01, Sin92, WCL\textsuperscript{+17b}, XRPT18, ABB\textsuperscript{+03}, BVDF00, CM99, Len01, LAH10, Low01, MKH06, SLW01, ZSMS18].

Particle/continuum [Low01].

Particles [Dzw97, DB99].

Particularization [CPSRG14].

Partition [DLW07, JLY\textsuperscript{+18}, LZW\textsuperscript{+18}, RSJ\textsuperscript{+14}, TF18].

Partition-based [TF18].

Partitioned [DLXR14].

partitioner [DH02, LZW\textsuperscript{+18}].

Partitioning [ATF11, kHSZwJW18, SW05, SLG\textsuperscript{+17}, BW97, GDM98, HZC\textsuperscript{+08}, LSD17, VSDD13, WC01, YWCC18].

Partitions [SAC11].

Pass [CL00, ED19, KKB18, Pol98].

Pass [CCD\textsuperscript{+19}, LY18a].

Passages [BDHK06].

Passing [DKD08, Ber98, BFR99, Ciu10a, Gor02, Kac00, Kal94, LDH95].

Passive [CsZW14, DD05].

Password [GWO03].

Password [IOV\textsuperscript{+18}, LZS18, ZWXA18].

Password-based [IOV\textsuperscript{+18}].

Past [AGMT17, Fer84].

Patchable [GHY18].

Patch [AHEM17, ADOKM06, Che13a, DvdHGD09, GDy07, KDFE04, KN10, Luk89, Mar02, NJHT11, DSL14, SJR13, THN\textsuperscript{+06}, WWT\textsuperscript{+16}, Xia06, ZWMC19].

Path-based [ADOKM06].

Path-planning [Mar02].

Paths [Alb04, CFG\textsuperscript{+05}, WW11, YXZG18b, vOHD\textsuperscript{+05}].

Patience [DACNC16].

Patients [AIB\textsuperscript{+18}, CTT\textsuperscript{+08a}, JNS\textsuperscript{+19}, RRS10].

Patient-centered [JNS\textsuperscript{+19}].

Patterns [APS\textsuperscript{+19}, AM17, AVP17, ABG17, AW19, BP02, CDG\textsuperscript{+14}, IHA18, KL02, LRJG19, LY17, LCS15, MRL14, PSK\textsuperscript{+10}].

Patterns [APS\textsuperscript{+19}, AM17, AVP17, ABG17, AW19, BP02, CDG\textsuperscript{+14}, IHA18, KL02, LRJG19, LY17, LCS15, MRL14, PSK\textsuperscript{+10}].

Paving [dRADFG18].

Payload [CDH\textsuperscript{+19}].

Payload-based [JKAU19].
[CLM+14a, Pol99, SYW17, ZWX+19].

payments [HCW+18]. PC
[MTKS00, MLS01]. PC-clusters
[MLSO01]. PCP [WWT+16]. PCP-B
[WWT+16]. PCRLB [LWX13].

PCRLB-based [LWX13]. PCs [BL02]. PD
[FKI+18]. PDDRA [SR12]. PDE
[BRMN04, BEWZ10, Par06, TBK06].
PDE-based [BRMN04]. PDEs
[MR04b, MR03a]. PDG [CLP95]. peak
[NJKF18]. pearls [BBH18]. pedestrian
[KVK+18, RSY+18]. peer
[ADK+09, BS09, CCT13, ČO13, FLPP05,
HWZL08, JC09, KKL06, KIC12, Li15,
LAM07, MTV05, MCT01, MROD10,
PBG01, PKI+18]. PDPMG13, PRS12,
PIP18a, PPLL17, SM10, SLŽ+09, WL10,
WLQ10, XKBA18, ZQZZ09, ZA13, BNSZ08,
CCT+08a, CdcD07, FX10, HJC10, TPBS14,
TTP+07, WTK07]. peer-to-peer
[ADK+09, BS09, CCT13, ČO13, FLPP05,
JC09, KKL06, KIC12, Li15, LAM07,
MROD10, PQS05, PMMAM13, PRS12,
PBG01, PKI+18]. PDPMG13, PRS12,
PIP18a, PPLL17, SM10, SLŽ+09, WL10,
WKBA18, ZQZZ09, ZA13, BNSZ08,
CCT+08a, CdcD07, FX10, HJC10, TPBS14,
TTP+07, WTK07]. Pegasus [DVJ+15].

PEI [VP94]. penalty [GZZ+18]. people
[GMLGB+17, GGS18, RMSPP17].
people-to-people [GGS18].

per-application [XLL+14]. perceived
[XJY+18]. perceived-constraint [XJY+18].

perception [GGH+19, IWH+18, ZYW+18, vDVB98].

percolation [BMP01, Pal13].

percolation-driven [Pal13]. Performance
[AFSH+18, AHH+11, APS+19, BMW01,
BG14, Ben99, BDZ13, BM92, BNP4, BK06,
CMT01, CHC+17, CMZ95, Cho04, CCKW88,
DZ04, Din99, EPB18, ETR+13, FM01,
FBS18, Gen05, GTB87, HB98, HCL07,
HMW14, HJCD05, HJK+04, JSK+06, JS13,
KZC04, KJFS12, KSW+13, Kmu94, LRC+18,
LPD+13, LOK09, LZHY19, MLC+11,
MYBMM18, MM03, MLZ+00, Par04, PIP18b,
RKSU08, RPMG10, SI18, Shi04, SD03, SG14,
SvAS01, SK06, TDF07, VSV95, WDJC18,
Wli00, Wri19, WXGM18, Yam92, dOOO+13,
dtl98, Aba09, AB01, AFP07, ADK06,
ACU95, AMW99, AB95, AKB18b, ASB18,
AEME+18, BL98, BARM14, BFS+17a,
BFS+17b, BBC+99, BC17, Ber96, BCS99,
Bhu95, BHS94, BSG+03, BGLS17,
BRHH18, CRE01, CN17, CSW06, CCRV13,
CLUD+08, CKF06, CSG+18, CW13a,
CLP+14, CS12, DCS+07, DCFB19, DRS+97].

Performance
[DPS16, DCGGH+17, Dog09, DHS99, ET08,
EP13, FD02, FSM+18a, FJ00, FJT01, FPR18,
Fsd07, GVT16, GAFFO12, GNOY01,
GS13, GJG13, GVI13, GLNT13,
GER13, GRMSO18, GI18, GGH+06,
GGZ09, GJKP18, GG10, GAB+96, HD05,
HAF+16, HHW92, HCD+94, HAE+03,
HOU02, HKPT10, HKM+96, HWZL08,
JAA09, JLC18, KDHP16, KJ18, KZLK06,
KMB+17, KBZH18, Kha12, KSAO08,
KBM+02, KKK07, KPM+18, KCV11,
KKW+14, KS17b, KACE+18, KB92, Lau01,
LSL05, Lee04, LGW07, LB09, LRJ17,
LSD+17, LHX+18, LFH+15, LLSR02,
LM09b, MJM+16, MH01, MYW+19,
MAJ108, MBTMR18, MKH06, MI01,
MKH13, MD12, MSBA16, MSM+18a,
MF18, MOK06, MDT+18, MROD10,
MWMA10, NNRA19, OG18, OF07, OKF10,
OP97, OS01, PLZ019, PS10, PH99, PSL19,
PMBS14, PSP+09, PH94, PFK19, PDDS10,
RVS90, RMJ+18, RS16]. Performance
[RLL+17, Reu03b, RS01, RS94, RKB18,
RZDM01, SP10, SEH99, STH+98,
SGF01, SB97, Sch03, SHN10, SGKC10,
SEMI11, SSZ13, SBA+17, Ste94, SBR97,
SPP17, SCH+19, SVN10b, TLTY06, Tao10,
TMDZ15, TBDL16, TS08, TBNF09, Tur18,
VSM02, VB03, WJS+18, WMY+18,
WZWC18, WBF08, Wis94, WSH99,
WHW17, WCC+09, XTF+19, XDL12,
ZYZ, YJA03, YZLQ14, ZG19, ZMP10, ZN12, ZYz+18, ZLYY10, ZZJ17, ZCQ+16, ZTYC15, ZGCM00, dKdOs03, Lid99].

Performance-aware [KKW+14], performance-critical [XTF+19], performance-directed [RSR01], performances [CGIP14, GIM16, UNM+16].

Performing [CEJK94, SOD18], perimeter [RR18], perimeters [DDR+07], period [DOV01], periodic [IHA18, KY04, SHP+16, SMS14b, TKT+08].

Periodic-frequency [IHA18], PERMIS [CO03], permission [LXZ+18, MRL14], permissions [KKA18], permutation [ABMESM18], perpetual [RA12].

Persisten [CSYY18, ALL+18, GHP+18, ZSP17].

Persistent [EHMS00, GTCGZ+18, Rao17, WLP18, ALL+18, HCC+14, JLU03, KZAI11, LWF+17, Wa94, BSRR18, LHL15, PSS+06].

Personalisation [SCN+14], personalisation [PNH99], personalization [FHYH15, MVG18].

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

Perspective [Aig86, BDH14, GVBG17, HHC+94, HPS97, HQ07, HQ10, Kob92, Mur95, SSK+08, Wa94, WRRS16, Wi86, WZ16].

Perspectives [LPC+95, Nar86, SBB+10, SRCR97, AC10, Baa87, KKVdB+17, PT05].

Pervasive [AT18b, CMA11, CPDJ13, CC+11, CD08, HZC+98, Kol18, NDZ+18a, NDZ+18b, NDZ+19, OB17, Pa13, SCN+14, SMM+14, ZGZ+10].

Pessimistic [LM12].

PEYS [DW87], pet [KS18d], peta [LSH+11], peta-scale [LSH+11], petabyte [KLW+18], Peter [Aho86i], Petri [AEM10].

Petrochemical [Han89], PETSc [HNS05].

PFRF [LLpC12], PGGA [LYQ06], Ph [vdR87c], pharmaceutical [BGR+99].

Phase [Kl89, PM14, BG12, CEGL01, Fre94, FM10b, HZP+14, JLU95, Mur86, TC92].

Phase-based [FM10b], phase-difference [BG12].

Phased [AWN+13], phases [KZ12].

Phenomenal [BKS98, BMAPS01, DS99, KCT99, SW99].

Phenomenon [Su01], phenomics [PAC+17], phenotype [MS03], Phenylum [DRS04], PHESS [SA19], PHFS [KIS11].

Phishing [SZ12, WFQ+10], phone [DYC+18, YWY+17], photodynamic [MZ+19], photoelectric [XK+18].

Photography [DJ+18], photonic [GHH+03, GMM+09, HAE+03, WdL16, ZLD+03, WMC+03].

Phylogenetic [OdOD+13, SLO+05b], phylogenomic [DO00+13], physically [SGL99, VLC03].

Physical [GMM18, HLV+16, LWW+16, SHS+19, ABD+19, AFD+15a, AAM+16, BDE17, BK16, CM17, DWJ18, EAED18, EG18, GVBG17, GAW+18, GHD19, GMP+17, JHC10, KB16, LLS+14, LSL+15, LZY+16, MMPF19, NLM+16, ODF17, OA17, PKF14, PTD+18, RVC16b, RVC16a, SMS14a, SZK16, SZD+17, SM18, SSC04, WLZ+16, XLZ18, YS16, APRC16, Zhu14].

Phylogenetic [GMM18, HLV+16, LWW+16, SHS+19, ABD+19, AFD+15a, AAM+16, BDE17, BK16, CM17, DWJ18, EAED18, EG18, GVBG17, GAW+18, GHD19, GMP+17, JHC10, KB16, LLS+14, LSL+15, LZY+16, MMPF19, NLM+16, ODF17, OA17, PKF14, PTD+18, RVC16b, RVC16a, SMS14a, SZK16, SZD+17, SM18, SSC04, WLZ+16, XLZ18, YS16, APRC16, Zhu14].

Physically [SGL99, VLC03].

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

Physiological [GHH+19], PICADOR [BGP+17], PiCo [MDT+18], Picos [YAJG+15], picture [Fuk85, LYZC15].

Pictures [SKF+09, WM14], PIE64 [HKT94], piecewise [GZ+18], pillbox [HZN14], pilot [Mar99b, RMHCMG15].

Pinatubo [CDRO95].

Pinning [KAEC+18].

PIOMT [Abaso06b], PIPE [CBD+05].

Pipeline [KN10, ZZJ17, HRR+14].

Pipelined [PHL98, PWMX17, WLF+09].

Pipelines [MDT+18], pipCloud [WMY+18].

Pixel [XTL+19, PDK10].

Pixel-wise [XTL+19].

PKI [GMC03, Var00], PKIX [JLU03].

PKIX-based [JLU03].

Placement [AK14, ACK+15, BBB+19, CTRN17, EBCP18, LLWW18, LW18, LPBB+18, Lw05, MLG13, MNV12, MDD15, PON19, SMBMT+18, SO98].
TZLL18, TMW*17, TMMVL12, YLZ17, YYLC10, ZWHC17, ZLL*16. Placing
[KN10]. plan [ABZK15, LWS*12]. Planck
[TMV*07]. plane
[CBBl16, GZLZ16, LLW*19b], planes
[Mam09]. planned [KY85]. Planning
[WTM*17, AMD08, AFTP91, AFW*92, BA17, CMB17, CYYJ19, DCC+14, KDE04, Mar02, OS92, RN04, SA14, ZWMC19].
plant [Hir89, Mae89, PAC90]. plants
[Han89]. plasma [BVDF00].
plasmas [GPH*94]. plastic [Ned06].
Platform [GCO0, GPS*17, PECA19, SV16, AMQ%19, CQW*19, CVKB12, CGSV17, CW93, CSQ17, DDV92, DVVD02, DBA98, Fau05, FPP*18, FCD+14, FSP+18, GTMZ17, JNS*19, KKS*18a, KKKM17, KKKM18, LYJ10, LC14, LSH*11, LWHS07, LWL18b, MAD+16, NV11, NKB19, NDZ*18a, NDZ*18b, NDZ*19, PWB*13, PPL17, QDZ*18, SAGGB17, SBHD08, SA19, SBD*18, TKA*18a, TSWG18, TCN*14, TCB*17, VF18, WTK07, WQG15, WCC*16, XFL16, YWL*17, ZJW204, dSk*19, CLM*16]. Platform-as-a-Service
[CLM*16]. platforms [AUSA19, BYV*09, CCT13, CA15b, DXX*18, HA16, HA18, KKM*14, LCH*11, LOR*18, LLW*18a, LRZ*18, LZX16, M01, MCD16, NNC+19, PPS18, PPA18, RB18, SB16, SBD*17, SG15, ZCL*14, ZZQ*13, dSB19]. play
dRRRR*18, WXYL15]. playground
[GGW*09]. Playing [Mer17]. PLC
[XKJ*18]. PLFG [Tan02b]. Plug
[MS01, CCD80, dRRRR*18]. plug-and-play [dRRRR*18]. plug-in
[CCD80]. Plug-ins [MS01]. plumes
[Sha16]. plus [BS96, CY90]. PM
[WBF08, XTL*19]. PMC [BBC*12].
PMC-based [BBC*12].
PMCommunication [STH*98]. PMI
[TLC*15]. PODOS [VSM02]. Point
[WA06, CFV03, FGG03, Fy06, LWSY18, LW18b, Ram95, SKF*11, XWL*18, WTC*02]. point-of-interest
[LWSY18, LW18b]. pointer [KP12].
pointing [MK18]. Points
[YZZC19, DNJG17]. Poisonedwater
[WN10]. Poisson [LZLL16]. PoKeMon
[FZW*18]. polarizabilities [Tor04]. pole
[Var03]. policies
[ABDO18, BFP18, CXX*18, DZ04, DT16, EPB18, Lea13, LHM14, LHC03, MG14, MVC*13, PZA18, SMSF18]. Policy
[Baa87, NCS12, Rao17, Aba98, AKE*18, BBI13, DLH*17, FS18, HY09, HZL18a, Hua10, JFZL17, JSMG18, LL04c, LJJ10, LDZW19, MHZK18, QRW*18, VCC*03, XLL18b, YQ07, LAL*15, LHL15].
policy-based [VCC*03]. pollination
[GHEB*18]. polling [AAC04]. polyadic
[Bu18]. polygons [LD04]. polymer
[JLM00]. polymorphic [AMM16].
Polynomials [TX14]. polyradicals [She04].
polysomnographies [KCH*13]. POMPC
[Por95]. POOSS [CHW91]. POP [NK07].
POP-C [NK07]. POPE [BG07].
Popularity [WZML18, ZLL17a].
Popularity-based [WZML18]. population
[Gue01, KX11]. pornographic [LYXT14].
poreosimetry [HRJ*04]. porous [RS99].
port [CHW03, ESP17]. portability
[CN92, HA18, McC96, PSL19, Ren03b].
portable
[BCM*95, GD93b, MMC*18, PMPC13].
port
[FFPS10, GL04a, KKS08, LW08, RMA*16, YLC*06, BAD*05, FK11, FNA12]. portal
[BCMA07]. portfolios [BHT09, HKP10]. Porting
[FHG95b, CR92, GJS*93]. ports [CSL18].
Position
[FZW*18, YXA*18, BSE*13, ZF16].
position-based [ZF16]. positioning
[CCH19, HHD*18, LW*16, OMD*18].
positive [AM06, WJLW18]. positives
[LY17]. possession
[Che13b, SYY*17, YZ15]. post
Preferred [LZY+19]. prefetching
[CY01, PKC04, WZWC18]. pregnancy
[MRS+18a]. Preliminary
[LF95a, KSY92, TC92]. premiere
[MBC+11]. Prentice [vdR87h].
Prentice-Hall [vdR87h]. preparation
[dLLA93]. preprocessing
[CGM+07, MCSA18, RHKC15].
Preprocessor [VOV17]. prescribed
[CD503]. prescription [HIA+18b].
presence [KDHP16, MFT]
[PPMM]. preventive
[SM18]. prevention [RAKJ18].
presentation [Zna94]. preservation
[BKM03, HBB09, PLW+19, SYJA19].
preserved [CRYG18, ZCL+19]. Preserving
[TSOB15, YDNV16, ALL+18, CZ12].
DHW+17, EL03, FTA+14, FH13, FRZ19,
GQXL18, GAI+18, IOV+18, JCMPPC+18,
JJY+17, JLC18, KKB18, KC19, KLMB19,
KLHB, LLC+14b, LCL+16, LLH+17,
LLY+18, LLY+18, LMXW15, LML+16,
LDY+18, LNY+18, LLAW17, MML+18,
NK17, PSY+19, QZD+18, QGX18, RBA17,
SYY+17, SLW11, SLL+17, TAS+18, UM02,
VCD+18, Wan18b, XCS+18, YLN15,
YZG+18, YCXW18, YHH+19, ZYK17,
ZXL18, ZZX+19, ZRB+14].
Press [Teb86, Zad87, vdR87i, vdR87j]. pressure
[DMN+05]. pretense [NCC+19].
prevalence [RAKJ18]. prevent [LTN10].
preventing [SM18]. protection [KIAD17].
preventive [PPMM+18]. PREVISE
[dLLA93]. Priority
[Ano86i, Ano87b, Ano87c, CLRL18,
GGLW18, JTB13, JHC18, vdR87b, vdR87a,
vdR87d, vdR87f, vdR87i, vdR87j]. pricing
[ADA+19, DVB14, DEG+17, JBR+16, RA12,
SVB07, Ven08, YLJL18, YVCB10, ZXL18,
GVA+16]. primitives [BH13, BDF05].
Principles [DH50a, VRGR16, DK00,
Gil94, GS15, PO00, Pap05, WRBG94]. print
[KLH+04]. printed [YCYZ18]. priority
[GL04a]. priorities [GS13]. prioritization
[FD95, SRN+18]. Prioritized [WBT+08]. priority
[AS18a, CBCA15, DSCJ18, VAdlP12].
Privacy
[AWYJ16, ACC+19, ALL+18, CRYG18,
FTA+14, FRZ19, GQXL18, JYY+17, KH18b,
LLC+14b, LYY+18, LLY+18, LLGY18,
LLAW17, MHIZ18, NK17, Opp00, PMBS14,
PSY+19, QGX18, TAS+18, WSN18,
XDWL15, YDNV16, YZG+18, ZYK17,
ZWS+12, ZCL+19, ACL+18, AdVAGF18,
AIA+18b, AM10, CD16, DGY+18, DA18,
FH13, GAI+18, GBKJ18, GSN+18, HHK+16,
IOV+18, JCMPPC+18, JLC18, KKB18,
KYB+19, KC19, KLMB19, LCL+16, LLH+17,
LYC18, LXMW15, LML+16, LSHW17,
LDY+18, LNY+18, LRBW17, MML+18,
NWWM17, PARMF14, PLW+19, QZD+18,
RHH+16, RBA17, SYJA19, SYY+17, SCL14,
SCZ+14, SLW11, SCH+17, SLL+17, VCD+18,
Wan18b, XCS+18, YLN15, YZW+18,
YXA+18, YCXW18, YK017, ZCLW18,
ZXL18, ZCYZ18, ZZX+19, ZRB+14].
Privacy-aware [MHIZ18, DA18, SCH+17].
Privacy-based [LLGY18].
Privacy-preserved [CRYG18, ZCL+19].
Privacy-Preserving [YDNV16, ALL+18,
FRZ19, GQXL18, KH18b, LLC+14b,
LLY+18, LLAW17, PSY+19, QGX18,
TAS+18, YZG+18, ZYK17, GAI+18, JLC18,
KC19, KLMB19, LCL+16, LLH+17,
LMXW15, LML+16, LNY+18, MML+18,
QZD+18, SYY+17, Wan18b, XCS+18,
YCXW18, ZXL18].
Privacy-protected [WSN18].
privacy-protecting [CD16].
Privacy/Performance [PMBS14]. Private
[RLvM14, CCL+14, FDPR17, GSH12,
HYF18, KTY03, KKL11, Nag86a, PMBS14,
SGK10, ZLXZ18].
PrivBox [ABH18]. privilege
[CO03, QRW+18, XWRZ19]. PRNU
[VOCH17]. PRNU-based [VOCHC17].
Proactive
[GHYK18, LW18a, QGT+18, WZML18,
Probabilistic [MK95, RT16, AC92, Bag16, Ban05, EMM12, SB18]. probabilities
Problem [Jon00, Pad92, YPF05, ABMESM18, ABMMC18, AK18a, BZMY10, BJA+05, BP13, BHRT98, CSC+05, CGH04, CD99, CRM05, De06, DV13, DOV01, DSCJ18, EPJ+05, GMM18, HXWW18, KKS08, KPS18, Kos00, MC00, NMC05, OVDV98, OB19, Prz03, SJR13, SMK05, SK18, SV15, TRFR01, TV16, Tre03, VDPHS09, WH05, WLH16, WAEO6, ZS05b, ZAP05, tTvH96, vvdV89a, SMI01, VAS95].

Problem-Solving [YPF05, Pad92, CRM05, WH05].

Problems [Nit86, SSG17, Van87a, BCMR01, BS04, BV04, CMT16, CTMO06, Dat03, DHD89, DR03, ED04, FFPS10, Hul89, JNR01, MGMT18, MR04a, MKK03, NB04, Ned06, PKC+05, RGH+01, SKT+08, Sch03, SJV12, Tab06, THKG98, VFS01, WXY+17, XA10, XRPT18, YDD+18, ZRZL18, ZTKF17, ZEO98, ZEO01]. procedural [BMFC07].

procedure [FCW01, LYS12]. procedures [RB12, dLLA93].

Proceedings [Rho89].

Process [ANC+19, SJV+15, BBL+05, CLP95, CRVZ15, CAS+18, Cur92, DVF90, DLZ+14, EG18, FJ00, HAAH05, HXC+18, LzlL18a, LWS+12, LW+18, LCCM18, MKM11, Niw89, PTD+18, dRRqDR+18, SGY+07, TIHT14, WZ16, ZMS+06]. process-based [LW+18].

process-independent [EG18]. process-level [CLP95]. processed [De 88].

processes [Bag16, BMPS01, BKB18a, BDNN02, CM01, CHSA18, EL98, Gue01, HW95, LdjL19, Mis92, MAB+15, SKT02, WMLS14].

Processing [CLNR18, FMD99, HCB16, LJ17a, MLBS11, WXGM18, YZ18, Ano86j, ADLM18, dRADFG18, BKB11, CQW+19, CMX+16, CLZ18, CN92, Chv87, CEJK94, CGM+18, CBBdL16, DMR93, DF97, EFD00, EMHE18, FPR18, GP09, Her87, HRWW18, Hsu14, JSZ+19, KKI14, Kim18, Kob92, KVHT10, KE85, LGH97, LKM14, LGW+17, LH07, LK08, LHW+18, LRC+18, LM90a, MLC18b, MTD18, MAPA19, NMZC06, ONHT89, PK99, PKY+17, PPPS18, PPS+18, Ref87, Sap88, SL87, STC15, SLe14, Ssl13, SD03, SRN+18, TZW18, Tio93, TDBR18, VEET18, WPGN+18, WZV+19, WWCN13, WMY+18, WD16, XB14, XTF+19, YFY+13, ZYB+18, ZFS+18, ZQB+18, ZEO98, ZSB19, vdR86b, ZSP17].

Processor [VV92, XHY+90, AG92, Dui89, GS15, Goo01, Goo02, JCSS01, LC03, LMH+09, MRN19, MW12, Ser98, WWZC19, DFSZ88, Geo02].

processors [ASW11, ADH+16, BVFGWA15, BFR05, DR05, FD95, GVA+16, KR14, Li18, LG16b, PAB+14, SD06, SCK+00, WSH+16, WLR18, YDT19]. ProCoS [BHH91, BHH92].

Procrustes [Tre03],

ProCoS [BHH91, BHH92].

Procrustes [Tre03].

production [BDMO11, EG18, GSV+10, GML99, KH89, LLC+16, MSS+13, RSRA18, RWV+13, YMW+18]. productive [IHA18].

productivity [LJ07]. products [BAB13, GGLW18, KHG+18, Pin87, VK17].

products-Towards [KHG+18].

professionalized [ZCH+17].

ProFID [ÇÖı3]. Profile [VTTK17, CLM+16, FC05, LLAW17, SL11, ZLO4a].

Profile-based [VTTK17, ZLO4a]. profile-driven [FC05].

profile-matching [LLAW17].

profile-matching [LLAW17].

profiles [RAKJ18].

Profiling [ADLM18, EET18, JCD+13, LZYH19, PFS+13, SL11, YZLQ14].

Profit [AB17, AB18c, CBL19, GBF+12].

Profit-aware [AB17, AB18c].

profit-driven [GBF+12].

prognostics [PLL19]. Program [BS96, BP94, ASV+13, Ano86m, Baa87, Bun03, CC00, Fah98, FHH95b, Hör03, KDFL99, Kom89b, KV03,
LCH+11, Leo98, Li90, LDSH95, MWYC12, MRV92, RS94, SR03, Ser98, SLO+05b, SBLT05, TBB+10, Yam92]. Programmable
[BRH18, To99, XLL18b]. Programme
[HT02]. Programmer [Kea99].
Programmer-level [Kea99]. programmers
[Teb86, vdR87i]. Programming
[BCL88, BR92, BP94, CSP98, JBA94, KGX95, KBM+02, KB92, Lok12, LSF+94, NK07, PB95, ST09, ACGdT02, ADAD12, ADT03, Ano84k, Ano85g, Bal92, Bal16, BMFC07, BSG+05, BLB03, CLP95, CDF+05, CMS+18, CPK05, DDRR96, DHS00b, DLW86, DSCJ18, GQLX18, GHWZ94, GvdC10, GGA+17, HLS006, IMSV90, JLQ18, JF05, Kom89b, LP01, Luk89, MD92a, McC96, MS01, MK95, NF13, OBK88, Oku92, SSKF95, SFR15, SHJ06, WWC14, WM14, WDD00, WHY27, WB90, YLG+16, ZME+15, vdR87h, vdR87j].

Programs [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, CAB+18, De 88, FSP02, FJ00, JCSS01, Kac00, KTV03, LT0T07, LRMCF94, Mal94, Reu03b, RDC03, TDC+14, VP94, WWC19, ZT90, ZT91, Zha93, ZS90].

Progress [HV84, WG+19, DQ97, GK18, Hu89, MA17]. progresson [DRC+19].

Progressive [CCM98, CCL09, VS04].

ProHPC [BBD+99]. Project
[Zin00, Ais88, ALFR16, Coo94, DSCJ18, FS93, FK99, Fur92, Jon00, Kas85, Lin84, NTM86, VBP03, vdR87e, vdR9b3, VP+87, KBM+02, MP05, St93]. projection [BV04, BWG19, CGN18].

Projections [HK88, KZLK06]. projects [Mar86, NSF87].

Prolog [BG87, vdR87g, Duj90, AAR98, CY88, CYB90, CQ94, HSS00, LY09a, LY90b, Lop93, Tef86, vdR87i, vdR87j]. Promise
[TS99, FS97, Fu91]. Promises [FFC+18].

prove [Mat18]. Promoting [FdSC07].

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

Propagation
[CsZW14, SKS+18, FX10, GKI05, GCK98, LNB14, OA17, TM05, XHL+19]. propelling

[Suz89]. proper [SMBMT+18]. properties
[Ban05, DA16, IS06, KJI11, LS05, NCS04].

property [YSZW18], proportional
[LL04c, NP06], proportional-share [NP06], proportions [KHzZw18]. prospect
[CPE+17, Kaw92]. Prospects [TS99, Fer84]. protected [WSN18]. Protecting
[EHMS00, Sip12, SSB13, CD16]. Protection
[HLY+97, AIA+18b, HZW+18, HHX13, KYB+19, LTJK12, LNZ+12, Opp00, PvSS17, RS17b, WDJ18, WXRZ19]. protein
[BORM07, CGV10, CGC07, DCK03, DJG17, SSLF+10, TMT+07, VR12].

proteins [BORM07, FVFA98]. Protocol
[GLXF17, AMH02, AMH04, AGRI9, AQRH+18, AT19b, AS02, ACE02, AKB+18a, ASAA18, AH11, BP13, BDFF05, BR19, CHJS+10, FG18, GCK18, GL04b, GZL+18, HZW+18, IOV+18, JBM+18, KYB+19, KKK09, KC19, LCL+19, LSD11, LW+16, LWL+18, LEW19, LM12, LLAW17, MLC+18a, MZD+16, RACA18, Ren03a, RRU+18, SCS+18, TKA18b, Wan18b, XZZ+14, ZXW+18, ZYW+18, ZXWA18, BBM+03, JL14, OV1+09].

Protocols [BCH+08, GSS95, ZYA+18, BSRR18, BAC02, CJG+18, DSS98, DZH18, GBKJ18, LT12, RC18, RC19, RMBB18, TLSC17, TVV13, TAS+18, URKM19, YH18, ZGS+13, ZAI+18, SMC99]. prototype
[Aus11, GRP04, KSY92, WWJ17, ZY90, ZCW+04]. prova [GM19]. provable
[WXYL15].

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

Provenance
[GCM+11, GM11, MiH11, MCFC+11, SB11, ATdC+16, ABG17, Aso13, CPA14, CDL18, CMD+14, DCMB15, DMM11, FKOC11, HMM18, IHK+18, LCHW14, LLFC11, LFW+15, MSS+13, MG11, SGM11, WLF+09, WHW17, XFTZ16]. provers [St93].

provide [MK04]. Provider
[GvdBdL15, BMU16, CLM+16, GBRM18, IGB+14, PRSR14]. Providers
Quantum [HAE03]. Quantification [LCKS18]. Quantified [LG16a].
Quantification [CN17, AB19a, ABGMC19]. quantiles [BDHK06]. quantitative [LWW+18, XAW+10]. quantization [LFVW05]. Quantum [Höfl03, QCX18, LPB04, LCW18, LSV+18, SBLT05]. quantum-chemical [SBLT05]. quantum-induced [LSV+18].
quantum-inspired [LCW18]. QuarkNet [BGJ06]. QuarkNet/Grid [BGJ06]. quasi [Szu98, BMZ01]. Quasi-Newton [BMZ01]. quasi-random [Szu98].
QUATRAIN [DMR93]. queriable [SJTN18]. queries [ATS14, ARP14, CLR16, JLD+19, KYB+19, LZX+18, MLW+18a, SLCT+17, SHLB08, YA014, ZWZ18, ZLXZ18].
Query [MVG18, SLZ+09, ZMP10, JLC18, LKX+14, LRMS19, LK08, LMIH+09, MCL+16, MTD18, MW12, PdAF12, SD03, WZW+19, YFY+13].
Query-driven [SLZ+09]. Querying [NS17a, Ans11, CGST09, LZZ+16, LLFC11, SB17b, ZS14]. questions [WBMP99].
queue [AS18a, RS17a, Tho06, ZA14]. queueing [Lee04]. queuing [Pon19, YZ12].
quick [KGLY18, WSZH18]. quick-response [KGYL18]. quicksort [PHL98]. quo [Kaw92].
R [Ano86i, Ano87b, Ano87c, Ano87l, vdR86b, vdR87, vdR87k, WSS+09]. R&D [Ano84i, Nag86a, Smi86]. R-based [WSS+09].
race [KKP00, PM00]. rack [LFP+17]. radar [KS17a]. radial [NK05].
radiation [GZZ+18]. radicalisation [LGCP19]. Radio [TKA18b, ASAA18, BMK+14b, CdRRdCB19, HJPS03, LB18, SLJ+06].
radiological [BDNP92]. radiology [PK99].
radiosity [Sch98]. RAID [WZML18]. rail [LSZ+18]. railway [CLZ18, GCCL18].
RAISE [BHH91, BHH92]. Random [LZZ+12, BYL+18, BTM06, CC98, LXX+17, LXX+18, MLW+18b, RNR18, Szu98, Tan02b, TSSP99]. randomized [PdASM18].
Range [STA17a, BS09, CLR16, LWX13, OS06, PM14, SJTN18, SHLB08, WZW+19]. Range-
[STA17a]. range-based [LWX13]. range-queriable [SJTN18].
Rangelands [TSTL16]. rank [BTG19, HZC10, KRZ12, RS16, TM05].
ranked [LXK+14]. Ranking [YG18, DFG+19, DA16, GVB13, LWD+14, LYY+18a, MCT+15, SKS17, SRKS18, WN10]. ransomware [HDA+19, ZXM+19].
Rapid [WWCN13]. RAR [HLL+11].
Rarefied [CH95]. rate [AS02, HJP03, KH10, KCM19, KM18, SPT+18, SCP09].
rather [LSAM13]. rating [DV13, TQL+19].
rationale [dLRW03]. Raw [SLC+17, DMMP98]. ray [NMZC06].
RBAC [LXZ+18]. RConf [PKI+18]. RCT [SHLB08]. rCUDA [JPG+18]. RDF [DA16, Gra15, SY04, vdHDT+06].
RDMA [ABF+15a, LB18, WHZ19].
RDMA-enabled [ABF+15a]. re [BGP+17, CCG07, HYY18, JCL+15, LYY+18b, LL16, PFRC16, WHZL10, Wan18a, ZDW+16, LAL+15].
re-decomposition [WHZL10].
re-encryption [BGP+17, HYY18, LL16, Wan18a, ZDW+16, LAL+15]. re-fusion [LWW+18b]. re-optimization [PFRC16].
re-outsourcing [JCL+15]. re-structuring [CCG07].
reaction [BMP01, Ban02b]. reaction-diffusion [BMP01]. Reactions [Men05]. reactive [LPB04]. reactivity [DRS04].
read [IDCJ11, TMDZ15].
Readers [Ano05g, Slo06a, Slo06b]. Reading [vdR87g]. ready [BFK02, MMC+18]. Real
[AKG+17, BKB11, CDH+19, DGD+16, EET18, HKU+11, HEES19, KLC05, Kim18,
LRZ+18, MG18, MKT09, NJ17, OKF10, RPA+18, SKF†09, VLK09, VSBN19, XY05, AB19b, BRR†04, BMP†16, CPGBC16, CCT13, CRRC18, CFF14, DT93, Doğ09, FSP02, FAMA†17, GVURIVBV14, GKW†12, GRX19, HNCJ13, HMP04, JOPW14, KA09, LF01, LLWN04, LG16b, MPCAF15, MGA†18, MOFGP18, MRN19, OPT†+17, Pa09, PKF14, PTD†+18, PWP†+18, PGTC18, P†99, PN09, SS04, SST†+06, Sin92, SUz89, TSRG17, TCCW19, WQQ15, WSH†+16, WOPW13, Wu16, YAO14, YNS12, YCL†+19, ZMTT†16, ZCK†+15, ZSP17, Zin18, dITK92. real-life [JOPW14]. Real-Time [MG18, AKG†+17, BKB11, CDH†+19, DGD†+16, EET18, HKU†+11, HEES19, KC05, Kim18, LRZ†18, MKT09, NJ17, OKF10, RPA†+18, VLK09, VSBN19, XY05, AB19b, BRR†+04, BMP†+16, CRRC18, DT93, Doğ09, GVURIVBV14, GKW†+12, GRX19, HNCJ13, HMP04, LF01, LG16b, MPCAF15, MOFGP18, MRN19, OPT†+17, Pa09, PKF14, PTD†+18, PGTC18, P†99, PN09, SS04, SST†+06, Sin92, SK12, TSRG17, TCCW19, WQQ15, WSH†+16, Wu16, YNS12, YCL†+19, ZMTT†16, ZCK†+15, ZSP17, Zin18]. realistic [CPGBC16]. Reality [CHK98, Ka99, Ami90, BLRS98, BYV†+09, CCBR98, CN98, DDS†+09, DBA98, GGH†+19, Ka98, PSG†+06, SUD†+98, vVDBB98, RMSGP17]. realization [Kom99b, KM01]. realizations [DL03]. rear [PWP†+18]. rear-end [PWP†+18]. Reasoning [TVV13, ATT96, DKKF18, FB93, LLCF11, NS19, Se95, SCN†+14, VM93, ZGZ†+10]. reassignment [LXZ†+18, STMV18]. recall [HMMW19]. receive [Gor02]. received [AKM18]. rechargeable [CZM†+18, YHL†+19]. Recognition [GTET†+18, SLTK19, TCCW19, BG12, Bae14, CPP†+18, CZ12, GPJA†+14, HUMA18, HLL12, HLT†+18, HMMW19, JLQZ18, Kha12, KLP†+04, KKP†+05, LSSL18, MPH00, OCW14, Pet95, PSS†+18, RSY†+18, SCZ†+19, TJ18, YPC12, YXY†18]. recombination [SBS98]. Recommend [GGLW18]. Recommendation [GCCPGBGS10, RMA†+18, ABZK15, AK18a, CQW†+19, CZL†+18a, CCJJ16, CHY†+18, FLR†+16, GJ18, GGM18, KZA†+18, KKYK04, LCH†+11, LCW†+18, LZH†+18, LWW†+19a, LXMW15, LQLX10, LLGY18, LW18b, LSV†+18, MML†+18, MLW†+18b, QZD†+18, RW18, WMA18, dOWAS†+18, XLL†+18a, XZ16, YWL†+17, ZJY16, ZL18]. recommendation-based [CQW†+19]. recommendations [SDK19, WBP99, ZCH†+17]. Recommender [EGV18, YL18, AMP19, DV13, KKB18, TNY17, TAKV]. recomputation [HSS00]. reconfigurable [AAB†+92, ASW11, FFCC12, HDZS19, JL98, LKTC14, NWE04, Pan95a, PHL98, YP12]. reconfiguration [CCL09, EG18, GHY†+18, GVURIVBV14, MNV12, MKT09, PA01a]. reconsolidation [SHRE16]. reconstructed [AD18]. reconstruction [Alb04, IEG04, LLU†+18, RICW00, WWA19, XSM04, YSZW18, ZS05]. record [RCD03]. record/replay [RCD03, BSRR18]. recorded [HNP05]. Recording [FM10b]. Records [Rao17, CT†+10a, LZZL18b, LHL15]. Recurrent [SP17, WZML18, BNJ16, LPMY18, LLS18, MSI†+12, MDB†+18b, PY00, PWY03, RRU†+18, SA14, TSAER18, YIA17]. rectifying [HYS04]. recurrences [Van92]. Reducing [AD18]. reduction [BF10, IEG04, LLU†+18, RICW00, WWA19, XSM04, YSZW18, ZS05]. record [RCD03]. record/replay [RCD03, BSRR18]. recorded [HNP05]. Reducing [FC05, de 94]. Reduction
regulation [LKTC14].

redundancy [AMR18, DZZ+15, PJDO13, ZHL+18].

redundancy-based [DZZ+15]. Redundant [dRSS97, TBD+02]. reefs [FePC18].

Refactoring [KTBl8]. Reference [CBS17, AKB+01, RCOP+11, XWX+17].

refinement [HV03]. refinements [CPB00].

Refinery [CSJ+17]. Reflection [Lop96, TA96, AP96, BS96, tTvH96].

reflective [EV96, Pit96, SGdMM96].

regarding [MLGGB+17]. regime [VFbA98].

Region [ST11, LZL+12, RV95, SMC99].

region-of-interest [SMC99]. register [GD05, MWYC12, MSS02]. registration [CEGL01, MLS01, XPL19].

Registries [SZK18]. register [BGK+05]. Regression [CAPG18, FSB+18a, AQR+18, ZSC18].

regular

[DÜR05, LSG18, LKTC14, NHT06, THA+17].

regular-topology [LKTcC14].

regularization [CWJD19]. regulating [PYH17]. regulation [LCTN10, MSS+16].

regulations [SDK19]. regulatory [HHJL11].

ReibiLein [vdR87].

Reidel [vdR87k].

reinforcement

[QCY+19, VEn08, VeNo9, WXZL11]. related

[BSG+05, EV98, FPR18, GAFFG012, HX+17, LKK+16, PFA19, TBS+18].

relation [LSS+14].

relations [NS19, XLZ+14, vdR87h].

relationship [BFP18, FPL+19, HCC+14, WLLF16, YZW+18].

relationships [SM10, SCZ+19, WWY+17]. relative

[KCK04]. relativistic [BST+04].

Relaxation

[KJI11, KKH01, LN94, MCL+16].

Relaxed [GSD95].

relax [KJI11].

relay [DPK+19, ROK19, ZWJL13].

relaying [SYJA19]. release [JLL17, PY00, ZLXZ18].

relevance [PC17]. relevance-based [PC17].

relevant [MeN05].

Reliability

[KCK16, RdL06, AEM10, GM16, KKH13, KH18a, LYJ10, MS018, VK17, WBY11].

Reliability-driven [KCK16]. Reliable [GVBG17, KIM15, CBT+19, DKBV14, JKL+15, KBL18, LTK17, LPPK18, LW+15, LSL+18, MR17, MM11, TAS+18, Tor13, VGR03, VSBN19, WQG15, WHS+17, WLP18, YW12]. relieve [KPS18].

remapping [AS14, LJJL12]. remediation

[KAW12], remnants [QC13].

Remote

[HSH+07, MWW+15, OPT+17, SK97, SYY+17, WXZ+18a, YZ+15, AAS17, AMW99, BCFS02, BDZ13, CCD+19, CHS11, DCC+14, FDC+14, GHEB+18, GZW18, HKU+11, Han03, HEES19, KPB+03, LWK+18, LHL13b, LHL03, OPO13, RVD+03, SKF+11, SWW+18, VS04, WWCN13, WM+18, YMW+18, ZMN99].

remote-sensing [AMW99].

remotely [XAW+10].

rendering [BRB+04, HH98, lg04a, KPB+03, Pfi99, XYZ05].

renewable [GDS18].

Renovating [MQN19].

reordering [WC14].

Reorganization [FMS08b, STR+18].

repackaging [GMCm16, GMCm18].

repair [GDR14].

repartitioning [KMB16]. RePCoN

[PLA18]. replaceability [ZGS+13].

replacement [WG00]. replay [RCD10].

replica

[AWN+13, CC07, KLS05, MVCC10, SYL18].

Replicated [HH08, SH06, Bab91a, DAM08, HKS18, TV08].

Replicating [MB15].

replication

[ASD12, AMT+12, CRVZ15, CTR+17, CCL07, CCG07, Dog09, GSH16, GIM16, HNK018, KKA19, KSS11, LlpC12, LHY08, LHY12, LS+07, MLG13, MTC+18, MCO4, MHA09, PJS+12, PGCC+10, PB18, SR12, ST11, TSBK13, TLT05, TLY06, ZWJ04].

replicative [SRN+18]. replicator

[WK00]. report
respositories [ARP14, EGAQ09, HESM99, SCBK16, SSLF10]. repository 
[FAJP09, Ham17]. representation 
[AP96, BCF16, CPA14, LZL12, LSLA18, ML19, PBL18, QU04, SHS19, XLL18, Xia18, YJJ18]. representations 
[LY90a, NMC05]. Representing 
[GM11, AHL11]. Reprint 
[AB18c, GMC18, KKKM18, LPP18, PBC17, ZFC18]. reproduce [HMM18]. Reproducibility [SPdSR17, CBBC17]. Reproducible [GBM19]. Reputation 
[PS10, ABH18, FMRS18, GA13, LXMW15, LH18, LLJ11, RWY18, TY11, TMP15, WN10, WYBS11, ZHZ18, ZCZ18]. Reputation-based [PS10]. request 
[LLY19, YZ12]. requests 
[HFM19, SYAL13]. required [PCB99]. requirement [SMRM13]. requirements 
[Ber96, DDR96, FC05, GDP18, HSS17, LW12, Mur95, PB05, QCD16, YHA19, YS16]. requires [DHS99]. rerouting 
[RRR18]. Rescheduling 
[LZ10, dRdG18]. Research 
[CCP18, CXZ18, CZH18, CDFZ16, CSCI8, CMZ18, DGS09, DJJ18, HGM15, Kaa99, LB18, LGW17, MYH18, PSP09, Van87b, VCE19, WWZZ18, WZ18, WWZ18, YK017, AZH18, BY93, BAD05, BS84, CLM16, CLCY18, CGL10, CMD14, Fur92, Gal87, GML13, GS18, HPP18, KZ17, KCH13, LPC95, LGS07, ML11, MED16, MFL18, MM18, MCWP16, NSF87, OFMZ18, SDWS13, Sch94, SVN10a, Sti93, Tie93, VB18, WLHH18, YS16, ZL18, ZL04a, vdR87]. Kaa98]. researchers [HSB18, SDWS13]. reservation [CJ18, CFG05, DVB14]. reservations [ET08, NF07]. reserved 
[DEG17, WCHL10, VVB15]. reservoir [PKC05]. reshaping [DMZ12]. residual 
[RT15]. resilience [DLS14]. Resilient 
[AAAQ18, CM17, DLZ16, DCF19, EBCP18, LBB19, PGTBC18, TDV08, Wan18a, YAX18]. Resisting [WSU10]. resolution 
[ACSdR17, DCC14, GMIM18, HNQ18, HJPS03, JRJ11, JP18, KPB03, KLH04, PDW11, PC09, RHJ09, RMA16, SMC99, SLK03, We11, YDK11]. resolving [SK18]. Resonance [RDSA18]. resonators [CASW05]. Resource 
[CKK99, COC10, DPK19, DXL18, EGK07, EW97, HQ07, KK11, LWD14, PPFJ18, PPL15, PPA18, SMRM13, SK09, SAK10, TCPR16, TSB18, VDP09, VPT15, WCT18, WY17, Zb04, ABG02, AFF09, AGKZ18, AMH10, AC18, AEME18, AS14, BS11, BBM03, BCF10, BBL2, BKM14, BCR12, BR10, CVKB12, CTV19, CLOS, CH10, CLC11, CLL1b, CCL09, CXC18, CT09, CS12, CC09, Ci10b, CCD10, DVD12, DS08, DSCJ18, ET08, EG18, Er13, EME13, EA17, Fer13, Fer96, FEP18, FHM99, FSM18b, GEG14, GDJ13, GAJP18, GPK05, GBRM18, GBF12, GJF12, HZC08, HB08, HY09, HAP15, HZ07, HCJ14, HB00, HDLW13, HPLL08, HML07, HML09, IDM16, IDC11, IKL12, ISS15, IAL10, JLCC12, JMA19, KS18a, KCI4, KHG18, KA08, KMI11, KADJ14, KAC16, KV12, KK14, KFC07, KGL11, KK10b]. resource 
[KMK14, Lea13, Lea15, LCBF13, LT010, LPK17, LP04, Ll10, LY0818, LLZ18a, LJY10, LC15, LSL14, LSL18, LW18, MT05, MSB13, MV09, NRR15, NCS12, NKF15, PFR06, PDAM18, PIP10, PGP09, PBB16, PKI18, PN09, PRN14, QMG12, QPTG12, RGT18, RC13, RLP12, RT15, RP18, dRRR18, RGC10, RSJ14, RM11, SHB01, SPD19, SBAD18, SIL13, SCMS12, SMS14b, SC11, TLC15, TKR15, TTB13, TVB18, TBH11, TTP07, URF09, VAD12, Vau93, VHL011, Vn09, VVB13b,
Wal86, WCHL10, WCF+15, WLA18a, WSH99, WCC+09, XZW+19, XTT18, YBQ07, YC13, YW12, YPHZ14, YMD+13, YMY+17, ZAB15, ZL13, ZHZ+16, ZCS+16, ZGL+18, ZXZL18, ZZZ17, ZYXL05, ZB19, ZA14, dACNC16. Resource-aware [DPK+19, PFPJ18, VPT+15, HY09, NK15], resource-conscious [ZA14], resource-constrained [NK15, Ven09], resource-impelled [PRN14], resource-level [GJF+12], resource-limited [JLCC12], resource-management [Fer96], resource/service [MV09]. Resourceomic [CCM07]. resources [ACC+05a, AMMC18, AFB16, ABN17, BJWZ08, BC15, BT17, BNJ16, BKKM11, CMZ+12, CXDM18, DFC+08, DV814, EG18, EA13, GGM+09, HMIH17, KHZG13, KVR15, KRD+19, Kos95, KTTK17, LN13, MBMTJR18, MDD15, NZ07, PSA+09, RMCMD12, SGJ18, SSKK13, SVB07, TCBC18, VCKB12, VPT+10, Wu16, ZCW11, dCTVC18].


restoration [XWX+17]. restricted [YSZW18]. restrictions [LDJL19]. result [CB10, ZCW11]. Results [An087m, Ki89, An087], FHG95a, LF95a, Man15, RHMC14, SZZ18]. resuming [ALM+10]. retail [AB18b, GPA00]. Retargetable [DR05]. Retelab [CGL+10].

Retink [XJWW15]. retinal [JP18]. retrieval [AMBB18, AR15, ARP14, CC07, DQXW19, FLR+16, FC09, FMV14, HZC10, JC08, KZCW13, KY04, MS03, OcDAM07, SYT09, SLZ+09, SBD+18, SNA92, SSZ+17, XAW+10, YJS18, ZZZL18]. retrievals [MPP13]. retrieving [SZC05]. retry [CK00]. return [Kuo86, TCH19]. reusable [AEK+18, CN92, LTZ15, RS17b, SK18]. reuse [CTR+17, TSTD16, TV08].


[BBC+99, BS01b, Eng14, FBS18, LHJC18, LNZ+18, SNW01]. road-vehicle [BBC+99]. roadside [MCSA18]. Robert [Ano84k].

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

robotic [ADH+16]. robotics [DHC+17, VRGR16].

robots [CFFC17, FGW+19, Poh87]. Robust
[PBC+16, PBC+17, PF17, AIA+18a, AIB+18, BRMN04, CM17, CDS03, HZL18a, HUMA18, IOV+18, LKP17, LKP18, LNK+18, NWMG17, RS17b, Var03, WWW+16, WLS+18, HLV+16].

Robustness [WSZH18, SMS14b, SSW+18].

text [HLL].

robots [CFFC17, FGW+19, Poh87]. Robust
[PBC+16, PBC+17, PF17, AIA+18a, AIB+18, BRMN04, CM17, CDS03, HZL18a, HUMA18, IOV+18, LKP17, LKP18, LNK+18, NWMG17, RS17b, Var03, WWW+16, WLS+18, HLV+16].

Robustness [WSZH18, SMS14b, SSW+18].

Role
[SHJS+10, YLG+16, CO03, CGJ+10, HLL+11, LKZ+18, SOA17, Wie17, Wit94].

role-and-risk [HLL+11]. role-permission
[LXZ+18]. rollback [LBB+19]. rolling
[FN00, JYX+18]. room [Ram95].

root [CPP16, TM05]. ROS [WSH+16]. ROST
[SHS+17]. Roth [Zem86]. rough [YAO14].

round [MG11, ZaTZ+17]. round-optimal
[ZaTZ+17]. round-trip [MG11]. rounding
[SS03]. routable [DK14]. route
[RN04, YPLZ17]. routed
[KD00, LOK09, SVC+07]. Router [JL14].

routes [LG18]. routine [OCdAM07].

routings [BFR05].

Routing
[Dö05, GLA88, TKA18b, AGR19, AT19b, ASAA18, BRB19, BMK+14b, CST92, CA13, CJ14, CES+19, Che13a, DSBC19, DOV01, DK14, ESPN17, GBK18, HLL18, HZW+18, IGB+14, JLD+17, KLM+03, KSAOK03, KSAOK08, KID+16, LCTC12, LHB95, LS01, OVDV98, RQNN19, SAOK03, SCY+18, SMS14a, SDD+09, VSKS19, WSSZ18, Xia06, YHL+19, ZF16, ZYW+18, ZAI+18, LC17].

RP3 [CR92]. RPC [KB18]. RPL [AG19].

RRNS [CBT+19]. RSA
[KKL09b, YXA+16]. RT
[HNCJ13, WSH+16]. RT-MOVICAB-IDS
[HNCJ13]. RT-ROS [WSH+16]. RTO
[CJG+18]. RTOS [JK17]. Rule

[FTP14, HBH09, LJ17a, LJS05, XYLZ18, CCI18, KMI11, LLC+16, LWV+18, MRH17, PMK18, SCN+14, WQZ19, Yos89, ZCX+18, HCNT14]. Rule-based
[HBH09, LJS05, SCN+14, XYLZ18].

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

Run-Time [CWD+08, HIA+18c, TF17]. Runge [CP06]. running
[CRE01, DW87, RM11, SHP+16, ZS108].

Runtime
[JOPW14, AFB+10, EP12, HÖ03, JP17, LMZ+14, LKJ17, MZC10, MSEE, PCFP+17, TSK03, USK16, UDwD+18, VR05, YÅJG+15]. runtime-interference
[HÖ03]. runtimes [DPP03, KTV03].

S [Ano87c, Teb86, vdR87e, vdR87i, vdR87j, Ano99, Che18, LJY04, PBA18, XLM+17].

S-ABC [XLM+17]. S-InTime [PBA18]. SA
[LMH14]. SaaS
[CGL15, CPP16, FHYH15, FPPD14, IS18, VK17]. SaaS-based
[FHYH15]. Sabotage
[DSS07, Sar02].

Sabotage-tolerance [DSS07, Sar02]. safety
[BMR15, CY12, HDA+94, RSA18, SPR+10, SCEC18, TF17]. safety-critical
[BMR15]. safety-focused
[CY12]. SAGE
[KID+16]. SAGE-based
[KID+16].

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

SATEXPERT [CSC+92]. satisfaction
[HMA18b, MLSF16]. saturation
[Lea15].

save [SHP+16]. saving
[CJ14, JKLK17, QCD16, TDHS16, ZZZ17]. savings
[LN13]. SCADA
[FTA+14, ZSL+19]. SCAI [HYC+18].

SCAI-SVSC [HYC+18]. Scalability
[ASV+13, BNFZ08, LLRS94, McC96, MG18, LSH+18, MRD10, SMC99]. Scalable
[AMH02, AGA16, KBK18a, CMX+16, FS18,
GZLZ16, GZWQ13, JL08, LXLS09, LLIW19b, MQW19, Pal13, PN13, SBG19, THA17, TJWS10, TSRG17, TDF18, ZTKF17, AG92, ABG18, AB19, AR07, AFB10, BCC17, BW95, C1113, DLR10, DVVD02, FWB13a, FWB13b, GGN17, GS15, GW01, JSC15, KBM16, KK16, KK97, LCBF13, LC03, LBYL08, LN18, MCT19, OEE13, Pa06, PHL98, PMLV13, Pro07, RL98, RMA16, SRZD15, SAGL10, SCK18, SGS18, SBL18, VS88, WJZ17, YARH18, ZAB15, ZLR15, ZJWZ04, dSK19, FMD90, HMS15. **Scalar** [SW99]. **Scale** [AKW90a, CHK98, EGVT18, TKRA14, BRL19, BBSV92, BAPS14, BJ06, BDL06, BCG05, BCD18, BCH08, C1T15, CWL18, C2Y18, CDF15, CRVZ15, CA13, CA15b, CR92, CTT10, CZX18, CTM06, CGM18, C1GJ13, Dat03, DAM08, Din03, DKJ19, DPL14, FAJF99, FBQ15, FDRB, FP08, FP15, FP16, GLV18, GDA18, GIM16, HST18, HKM16, HLC16, HZ10, IPG18, IS18, JHC10, J03, JYJ18, Joh02, JTBS15, Kos95, KTV03, LMK14, LTN10, LSZ16, LFP17, LZZ18, LS11, LPK94, LM12, MT05, MKH06, MRT04, MPR16, MLW18b, NSP07, NS10, PPF12, PLA18, PB17, PGC10, PF17, PPLL17, RN04, RL98, RMCDM12, SJL18, TDF18, TJWS10, TY11, THT12, WCV05, WKZ03, WLLF16, WWH17, WRCC17, WCH18, WDD18, WWC18, WBBJ4M, W110, XYLZ18, XWL15, YH10, YCAS03]. **Scale** [YCX05, YGYW16, ZG19, ZZW13, ZW10, ZYT15, ZXL14, ZA14, dSF17, dSK19]. **Scale-free** [CWL18, LZZ18a]. **Scale-out** [YGYW16]. **Scaling** [Eng14, HSV17, KZL06, SEMJ11, Var00, AB16, CTVB12, CJHH13, DWS12, EMJ13, EPB18, IPCA16, KTTK17, KAE18, WPGN18, WWZ19, dACNC16]. **Scaling-out** [SEMJ11]. **Scan** [Alb04]. **Scanning** [HYS04]. **Scatter** [FD12]. **Scatter/Gather** [FD12]. **Scattering** [LPB04, LSG18]. **Scenario** [CGC12, HDN06, HZL19, KNI18, SGT19]. **Scenario-based** [KNI18]. **Scenarios** [BNJ16, DFGR14, FAMA17, FPP18, GML17, PZA18, RCM18, WLB11, ZAA14]. **Scene** [AS18, SOR05]. **Schedule** [SK12]. **Scheduler** [AJY15a, AS18, BC07, CFG03, CTR17, JLD19, KCS14, NN19, RD14, THN06, EMHE18]. **Schedulers** [BBI13, CCDS08, EL98]. **Schedules** [vdL19]. **Scheduling** [AHP16, AL18, ACK15, ABN17, BDN13, C1JH13, Fr14, G1V16, KV12, KV17, Li18, LAH10, LC13, S1M13, LRM04, PIP18, RB13, RS18, RB18, RMH17, Ser98, SD06, SIL13, SK12, WWH16, Abs06a, Abs09, AB18, AO16, A16, AHE17, AMD08, ADA12, AL15, AGK18, ABP16, AB17, AB18, AFP09, AFP19, AMS19, AE10, Bag16, BJMY10, BKS18, BCC17, BBB16, BT17, BHI13, CLR17, CVT19, CTG07, CBC15, CA13, CA15b, CCL17, CCL09, CM17, CK00, CXL17, CLR18, CWJ18, CBK17, CSL18, C1GS18, C1CC14, DZ98, DR18, DQ19, DMD10, DR18, D XL18, DPL14, DCMW17, DSC18, DBS14, DNP14, EV96, EL98, ED04, EMM12, FK12, FD95, FNO0, GRH05, GBS10, GJ15, GO16, GD10, GS15, GSP13, GDS18, GP09, GKT15, GG13, HV92]. **Scheduling** [HCL07, HHW11, HXL09, HPL10, HBR13, HZ19, HML07, JCSS01, JLI13, JMO1, JEB18, KAO19, KS18a, KCK16, KLP19, K11, KMK19, K10b, LT01, LHL09, L1G07, LL11, LL14a, LYQ06, LB09, LGY16, LGW18, LZY13, LG16b, LCM16, LPV16, MJM16, MHC14,
MLSF16, MSE19, MRN19, Nag16, NP06, NRR+15, NPP12, NP03, Nos98, ÖEE13, PNGFJ13, Pa09, PBZ+13, PKZ11, Par04, PKF14, PW09, PT16, PAB+14, QCY+19, QPTGG+12, RR10, RC13, RNJK09, RMHCMG15, SS13, SZ98, SC16, SDTA19, SKJ01, SDST18, SHLJ13, SWG+16, SZK16, Shi04, SOIS12, SGJ18, SV15, SG13, SAK+10, SG14, SCP09, SDD+09, SSP17, TZBK13, TDFZ18, TLL+11, TJZ+15, TKR+15, TPBS14, TdPF+17, TV16, TCCCI1, VVB11, VVB13a, VPT+15, Ven09, VVB13b, VMN+18, WWX+17, WHZL10, WKC+13, WWC14, WQG15, WCC14, YCT15, YD18, YG03, YK06, YK07, YW09, ZAL15, ZPQ+18, ZSL18, ZZ18, ZZ21, ZZP14, ZZQ16, ZZT18, ZZZ17, Zhu18a.

scheduling [WMQ+16, WCH+18, WL05, WHP09, WS10, WXZL11, WCC14, Wu16, WWT+16, WPJ16, XA10, XYL+17, XHY+90, YPLZ17, YKK13, YIA17, YIZ2, YSL19, ZCL+14, ZYB+18, ZGL+18, ZXL+18, ZQZ+18, ZZS+19, ZZZ17, Zhu18a].

schema [ZCQ+16, ZS10]. Scheme [LNLA19, AMN18, AAC04, APK+18, AK18b, BBH18, BMK+14b, CG02, CHJ+04, CYH04, CGL08, CRRC18, CBP18, DLLZ17, DC18a, DA18, FHZW18, GAI+18, HKA+18, HAAWH+18, HZL+19, HW04, HMW14, HLC16, HNQ+18, HZW+16, JNHL18, JKAU19, JLQ+17, KKB18, KMH13, Ko18, KLMB19, KLW+16, KLW17, LTJK12, LBYL08, LK12, LLIW+18a, LNK+18, LWK+18, LLW+19a, LH13b, LHC03, LHL03, LNY+18, LDZW19, LL16, LZY+16, MCN+18, MGN+16, MK04, NB04, ODK+17, PY00, PWW03, PSL+04, PGC+10, QGT+18, ROK19, SGGCR+16, SLS10, SGB+18, SCZ+14, TX14, Tor13, TYY04, WWDF18, Wan18a, WHS+18, WDKV19, WZCH17, WZS+18, WLS+18, WHL+19, XLI+14, YYW+09, YPLZ17, YCT15, YDY18, YXD18, XJX+14, ZCL+18, ZZZ18, ZZH+18, ZZXL18, ZFC+17, ZFC+18, ZFH+18, ZLY+19, ZaT+17]. Schemes [YDNV16, ÄO06, BMZ10, CDDR17, CJXX19, CHS11, DGA18, HSP+13, LLKF09, NLZ+15, OPO13, PGSM05, RA12, Shi04, SAR18b, VCD+18]. Schlouder [MGG+17]. Scholarly [BH13, LZH+18].

School [HY03]. schooling [Sch01]. schools [MR03b]. Schrödinger [BFL09, IS03].

Schwarz [SMC18]. SCI [STTK03]. SCI-based [STTK03]. Science [AC10, ABMS05, BiS96, BDP11b, CBN16, CF09, DGST09, HT02, LSAM13, NSF87, NNT86, Ros94, TS99, ZBB09, AHP+18, ABM+07, ALFR16, BBD09, BLB03, Bun03, CAC+10, CRSdS10, CH04, Coo86, CGJ+10, DVJ+15, DX14, FGG03, GRPL04, GDP+18, GRCP+17, Hul89, JHL+06, Joh89, Joh02, Kol89, Lit03, MR03b, MM18, MCWP16, NJKF18, NLM+16, Rho89, Ros89, SAGL10, SpdSR+17, SBG+09, SL97, SG14, SSMS95, Tan02a, TBK+10, Tbd16, Wei03, Wil89, WAD+89, WCKW10, XL18, Zn14, AC10, BH13, KA13].

Sciences [AKMK05, SR03, CBBC+17, GBM17, GRL11, GPS+17, Han03, Hul89, LWH07, TWC+06].

Scientific [AL18, AGMT17, CBB+17, HY03, LPV+16, MBZL09, PN13, PS13, SG17, AW03, AKB+01, Ans11, ABN17, BBD01, Be03, Ben99, BP10, CWS06, CTR+17, CZ14, CPA14, CdsSDS15, dCCDFdO15, Dal03, DRS+07, Din99, DT08, EHT10, FTP14, Fin99, Gab+14, GHW94, GP09, GB99, HM18, HP+14, HS+18, HCL16, JNY06, JCD+13, KPM+18, KB09b, LKN+13, LGY+16, LCCF11, LZC13, MJDN15, MdDO+17, MCT+09, MDO+15, MED16, MFL18, NF13, PN99, PSG+06, PPLL17, PAC+17, RL98, RKB18, RB18, SV16, SCS09, SJV12, SCBH+16, TKK+14, TdPF+17, VCKB12, WLF+09, WSS+09, WWT+16, YMW13, YXLC10, ZSX+15, ZLR+15, vdV89b].

scientists [BB013, PFS+13]. scope [Par87, PP10].

screening [WZH+19]. script [MBB10].

script-based [MBB10]. scripted
d[IFVPShL+14]. scripting [Bea03]. SDEM
[Mat89]. SDI [Poh87]. SDLC [AAJ17].

SDM [WLAD17]. SDMS [LLW+12b]. SDN
[ZFC18, BLO+18, KdGP+19, KBB+16,
SPT+18, VSKS19, XDH+17, ZWDP18,
ZFC17, dSBN19, vDPGZ+16]. SDN-aware
[KBB+16]. SDN-based [dSBN19]. SE
[BT93]. SE-TC2 [BT93]. SEAI [vDR86b].

Seamless [SLS10, TDG+06, CPDJ13,
DFF+00, LLF+18b]. Search
[ANA16, FPL+19, MCT+15, TL19,
XRPT18, ABMEM18, Bal91a, BNFZ08,
BS09, CZZ+18, CWJ+18a, CC98, CZL+18b,
DLH+17, Dzw97, ESW+17, EA17, FH13,
FLR+16, HZL+19, JC08, KMT14, LAM07,
MVS00, NS17a, NSI84, PPZ12, PMBS14,
RCMT18, RHMGC14, RNJ09, STA17a,
SCBK+16, TWW+18, WXY16, WCL+17a,
WW13, XLZ+14, YD18, YXD18, ZZ90,
ZL13, ZWZ19, vW19]. Search-based
[MCT+15, XRPT18, RCMT18].

search-optimizing [vW19]. searchable
[DLZ16, DLLZ17, HZRH14, LLL+18,
WXY16]. searches [HQQH16, SA07, SF06].

Searching [CFG93, Sch03, LFH+15,
RTS+16, SLC05, WHMO13]. Second
[Ste85, Bou95, WYN+90]. secrecy
[BDNN02]. Secret
[EHMS00, LEW19, SAR18b, ZZ15]. Section
[CMA11, Chi11, CCl11, CF09, GR09,
GMS09, HKPT010, JS12, KT08, LLL09,
LS10, NFK10, SG11, WSB+15, XZ11,
Aba06b, ABM+07, AR07, AC10, AR14,
ABMS05, AM10, BGL08, BN06, BLAV06,
BB12, Bisc05b, BR10, BRHH18, CRSdS10,
CGD10, DLPO6, DKD08, DDM+08, DT08,
FA11a, FM10a, FM08, GA06, GMA07,
GVTdL18, Haib05, HKM+06, HJC10, Ig07,
JO11, JL08, Kim07b, hKcF09, Lec12,
MOK06, OM10, Ole07, PH07, PX07, RW13,
Sle14, SDBdL06, SDL09, SPEW09, SD07,
TBK+10, TbdL16, VLF09, XLZ18, ZBB09,
ZSH12, Zhu07, Zhu10, ZAP05]. sector
[Nag86a, GG10]. SecTrust [AGR19].

SecTrust-RPL [AGR19]. Secure
[AEK+18, ABCD00, BK16, CDDR17, Cin10a,
HQQH16, HYS17, HYS18, KKL09b, LLQS14,
LNLa19, LHL13, LZL18b, LLZ+18b,
LHBC16, MLW+17a, Mer13, MAA+19,
RRH+16, RTS+16, SAR18b, SSF+09,
SYW17, SPKG18, WXY16, XMS15,
ZMH+18, ABMM18, AGR19, APK+18,
BDFP05, CPD+15, CFR+19, CZZ+18,
CDL18, DJZ+15, Din03, FLP05, FS18,
GPA00, GAI+18, GZL+18, HAAW+18,
HZL+19, HLvL+97, HPP+18, HMA+18a,
HLL+11, JFDF09, JSC+15, JCL+15, KZA11,
KKKM13, KPA17, KLW+17, LL04b, LTJK12,
LJS17, LJS18, LCHW14, LWK+18,
LAL+15, LZYC13, LL16, LWF+17, LZY+16,
MLC+18a, MK17, MHY+18, NRV+17,
ODK+17, POI+16, QGT+18, Rao17, RSK16,
RPA+18, RACA18, RHPV17, SRZD15,
SGGCR+16, SB17b, Sin07, SBL18, TX14,
TMB+19, TCN+14, TAS+18, VCDK18,
WWW+16, WMX+17, WWDFT18, Wan19,
WDKV19, WZCH17, YY11, YNY+14, ZZ15,
ZWX+19, ZDR07, ZSW+18b, CKK+04].

Secured [LC17, KBB+09, MVL+18a].
securely [ZZC18]. SecureSense [RHPV17].

Securing
[KP12, PWA+19, PPSS06, Pol99, SKS+18].

Security
[AWYJ16, ACL+18, AM10, CCRV13,
CHS11, DZZ+15, FJKK17, KKW+14,
LKC18, LCL+19, LYT18, LSHW17, PX07,
WZWW18, XDWL15, ZZF18, AMN18,
ABFT16, AAJJ17, AMMC18, BFS+17a,
BFS+17b, BBdv+11, BWR12, CDF+05,
CKK+04, CRK16, CWW+99, CBT+19,
CBPP18, CSC18, CDFW18, CMVA18,
PPI16, CLM00, DC18b, DZH18, DMG+08,
DT16, DDR+07, FTH16, GMLGB+17,
GHD19, GMC03, GKTK15, GJKP18,
GSM+18, HJC14, HCNT14, HPP+18,
HIA+18b, KS18b, KLH+04, KKL09a, hKcF09, KBdLG18, KKKM17, KKKM18, KKCL18, LS07a, Lan00, LW+12a, LNB14, LGY+16, LGL+17, LLWX18, MGN+16, MMP09, MSN+18b, MWL+18b, NV11, NWMG17, NZQ07, OA17, PSS13, PM00, RR18, RLM18, RM16, SAGMG17, SYV+19a, SM03, SWY+18, SSZ13, SGS+18, SDK19, SSB13, TZZ+18, TVV+13, TMS+17, VPP+19, WXY15, WZ18, WS10, YH18, YN18, YS16, YNY+14, YZN+15, YKÖ17, ZCYZ18, ZG18.


security-enhanced [AMN18, KKKM17, KKKM18]. Security-oriented [WZWW18].

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

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

Selected [BGL08, DMV04, Igl07, TCG14, CCI11, CRCL18]. Selecting [CLC11, GBKJ18]. Selection [DLH+17, ABMMC18, AKP+18, AFSS+18, AFSS+19, AT18b, ATT96, AWN+13, CC07, DPK+19, Dua94, DMM+05, ET08, FTK+14, FCY18, FJJ+18, FA11b, GYH+18, GB10, HWZL08, KAO8, KHI07, KL06, KGT15, KIC12, KP18, LLWW18, LD17, LDLJ19, LW+12, LWX13, MCIJ19, MHZK18, MK16, MVCC10, PNZ14, RCM17, ROK19, RGC+10, SRKS18, SMZ+16, SDL+18, TDLC17, TMP15, TAKV12, WCHL10, WHS+17, WLA18a, WLQ10, XYLZ18, XLW+17, XWL+18, YPJ19].

Selective [LNY+18, HS00, LMI2, LHCC18].

Self [AFB+10, CRM+16, DMZ12, DD05, FSSM88, GZL+18, KK16, Lea13, LG16a, LHM14, MG10, NAND+18, PYH17, TBB+17, WXZ+18b, dSGD13, AEME+18, BMH10, CLNR18, CTT13, CFMC19, DDD18, DRNMC09, EKGS14, FS07, GL04b, GDR+14, GNGG17, KKB14, KMN+05, LH13b, LW+18, LW18b, MPR+16, NJHT11, RP18, dRRRR+18, dRRdQGR+18, SJL+18, TJJZ+15, TCCC11, VRGR16, Vin16, XHY+90, YP12, PIKM02]. self-* [Vin16].

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


Self-evolving [NAD+18]. self-gravitating [KMN+05].

Self-healing [AFB+10, GZL+18, dSGD13].

Self-managed [CRM+16, NJHT11].


Self-organizing [DD05, FSSM88, FS07, MPR+16, dRRRR+18, dRRdQGR+18, SJL+18, TJJZ+15, TCCC11, VRGR16].

Self-provisioned [MG10].

self-reconfigurable [YP12].

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

Self-scalable [KK16].

self-scheduling [DRNMC09, XHY+90].


Self-Understanding [LG16a]. selfish [JLQ+17, JX+19, PBV+13]. SemantEco [PSW+14].

Semantic [ARP14, BPC+14, DNNW+19, HBE08, HC17, HQ10, KARP14, MRS+18a, PBC+11, RVST17, SU10, WZL18, ZLO4a, AD18, ABTF16, AGA16, AHA18, ACC+16, BDH14, BX04, CPSRG14, DLZ+14, DT16, DPPS16, DMM+11, FLR+16, FC09, GACM17, HK88, Hal88, HS+18, JCO8, LXL+17, LvW14, MPCA15, PTI12, GTQ+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17, UZ11, VGBLGS+06, VPT+10, WLZ+16, XCDG10, XLL+14, XLW+15, YCIZ18, ZS10, BDF+16, CAS+16, LWSC07, LwSw+04, LKA+19, WC06b, WFP+10, Zun07, Zhn10].

Semantic-aware [BPC+14].

Semantic-based
[ARP14, KARP14, PBC+11].

Semantic-supported [HB08].

semantically [AAF18, BCMA07, Li10, PSW+14, RGVGGSSZ14].

semantically-enhanced [RGVGGSSZ14].

Semantics

[JG09, SPdSR+17, XB14, Zhu04, ZS16, Ber00, BI12, CPB00, DFL01, Hal68, HPJ92, LLL+16, RTHB17, SOA17, TCCW19].

semantics-based [TCCW19].

Semi

[ADBO18, AAF18, AC01, BDHK06, BS14, HLL12, JC09, NB04, WHCZ18, WYY+17].

semi-automated [AAF18].

semi-automatic [AC01].

semi-autonomous [DBS14], semi-discrete [NB04].

semi-Markov [DBHK06].

Semi-online [ADBO18].

semi-supervised [JC09].

semi-structured [HLL12, WYY+17].

semi-tensor [WHCZ18].

semiconductor [FHC95, SGFS01].

semistructured [GZ14].

SemPI [DPS16].

SemreX [JC08].

send [Got02].

Sensed [AT18b, SST18, AMW99, AMPZ16, CCD+19, CCC19, DP19, DCC+14, FCD+14, GHEB+18, GZW18, LWH+18, LLGY18, LZY+16, MWW+15, MAD+16, MAPA19, WWCN13, WMV+18, XLZ18, YMW+18, KS11].

sensitive [CW13a, DK17, JOSD19, LCL14, QZD+18, QCX18, VSKS19, WYL+18].

sensitivities [MHZK18].

Sensitivity

[PBH01, LCH+18, PBT02, SWW+13].

Sensor [SYJ+19b, AS18b, FFPD14, RRS10, SMS16, TKA18b, YJJ+18, AS014, APK+18, AIB+18, BLAN+16, CZY+18, CJ14, DJP18, FG18, FJJ+18, FP14, GRTV10, GBJK18, GLX+18, HAAW+18, HST+18, HDH+18, HZZ+18, IASK14, KWK+18, KS11, KLW+16, LC17, LBLY+08, LLQS14, LCZR12, LZXG12, LWX13, LMK12, LHBC16, LZY+16, PC17, PPS+18, SJ14, SCY+18, SMS14b, SYCH18, THA+17, TSD18, TYWZ18, TCCW19, WCB+18, WLS+18, XKJ+18, YHL+19, ZS5+12, ZBL+14, ZLHZ18, dFPFG19, RVST17].

sensor-cloudlets [Lok12].

sensitized [TCB+17].

sensors [BDE17, BSE+13, CFMC19, GRX19, HUMA18, KMY19, LRBW17, Mat18, SPD+19].

sensory [KLB19].

sentence [MZP+19, Nit86].

Sentiment [MWQ+19, ZWWL18, GGM18, MZP+19, ZLZ18].

sentiment-based [GGM18].

separation [FdSC07].

September [Ano84k].

seq2seq [WLZ+19].

Sequence

[LT17a, BORM07, CS05, DMR93, DCS+07, KVDbB+17, NGB18, VR12, YD05].

sequence-based [NGB18].

sequences [Leo01, ML19, MP02, TKT+08].

Sequential [CKFJ06, CGL15, DPL14, FZT+18, JBA94, KMC18, LYMZ09, LBU+10, MWYC12, TNY17, WHCZ18, YGY+19].

SEQUIN [BCP18].

SERAC3 [LZL+18].

serial [RS94, SGFS01].

Series

[Ano86i, Che14, GKF05, HHS+19, JBA94, KMC18, LYMZ09, LBU+10, MWYC12, TNY17, WHCZ18, YGY+19].

SerBGP [IGB+14].

Server

[FCN11, LY15, BGR+99, CWD04, CGL08, CWSCW14, Cho04, EDD+10, FHZW18, GW01, HAC92, HJCD05, KLW18, LFWV05, MP17, MD12, PA01b, RT15, XDH12, ZFC17, ZFC18, BSR18].

Server-aided [LY15].

Serverless [PMCC18, SWCP03].

servers [BR18, CLH10, DZJ+15, JOPW14, JZWL17, KAEC+18, LPE08, SMA08, WDC+97, ZWW+13].

Service [ANE13, AJ15b, BZS18, Cha14a, CBS17, FMM+17, HSBE19, JY15, KK19, KT17, LJJ1b, LNL19, LYW+16, MJRM16, OF07, OVK+09, PRS12, SCL18, SST18, SMG18, SS18, SZK18, TSBH11, VDK12, YG18, Ad14, AAB+10, AAAQJ+18, AFSH+18, AFSH+19, AWN+13, AK14, AB18b, DAF+05, Ano12r, AN08, BBC+17, BS17, BJA+05, BML18, BSC06, BCDP12, BPC+01, BGK+05].
CMZ+12, CDPJ13, CCT13, CMB17, CCIp18, CPE+17, CKFJ06, Cha14b, CSL17, CGST09, DCS+07, DLW07, DVD12, Din03, DDR+07, DM12, EK11, EAED18, EG18, FLR+16, FD12, FTP14, FWB13a, FWB13b, FA11b, GMMM18, GHY+18, GVURIVB14, GBB19, GA13, GAJP18, GPK05, GMEL08, GGA+17, HIA18a, HA16, HA18, HC17, HJS+09, HSH+07, HLT+18, IGB+14, JGBF18, JSS+12, KZA+18, KSF+13, KTKN11, KK10a, KKB14, KPA17, KuRak+18, KSW+13, KK16]. service [KIC12, KK14, KCCL18, LPMY18, LL03, LvSW+04, Li15, LLW+18a, LD17, LDJL19, LKA+08, LJW08, LIWs+12, LLW+12b, LX13, LDS+18, LSL+18, LSMV131, LS08, LLW+18b, LMH+09, MLI15, MCL+16, MZH+17, MCI91, ML11, MLM16, MHZK18, MAD+16, MHA08, MRS+18a, MV09, NK15, ÕE13, Pa106, Pa13, PC18a, PKC04, PRS+13, PRSR14, PBA18, PTM+15, PTT12, QZD+18, RZ16, dRRRR+18, RMVG+10, RB18, RHMGC14, SVC+07, SGY+07, SBLW14, SPSP17, SKS17, SRKS18, SDC11, SMBM1+18, SPBT07, SMT1+18, SL+18, SLY+19, SAC11, THN+06, TDLC17, TJWS10, TZL+18, TGM+19b, TBNF09, TAVK12, UGBM+17, VCE+19, VDK12, VOS12, WWC+07, WLZ+16, WHS+17, WS1999, WZ1, XSM15, XCGD10, XLW+17, XRPT18, XW)ZyF19, YKL+07, YCL+19, YW12, YVCB10, YKK13, YCZ18, YLA18, ZZ09, ZGS+13, ZLLH18, Zin18, vdpGZ+16, VCL+16, EMJ+13, GMEL08, vGdBl15, IDK19, KLM+03, KTM+08, LPD+13, RA12, SCH+17]. Service [YFP05]. Service-aware [SMG18]. Service-based [OVK+09, GAJP18, HJS+99, LMH+09, TBNF09]. Service-Oriented [BSZ18, SCL18, AB18b, CDPJ13, CGST09, EAED18, EG18, GVURIVB14, Hu05, HLT+18, LvSW+04, LX13, MHA08, MRS+18a, NK15, ÕE13, SAC11, TAKV12, GMEL08]. Services [AFP07, ABP18, AM17, BMFC07, CFP+19, DA18, HXA+17, LKA+19, PZY16, YAP16, ABMC18, APBD17, ATF11, AHP16, ARB12, AEM10, BKS+14, BBW08, BAV16, BZ19, Bel16, CSV+12, CcCD07, CDP+15, Che13a, CAC+15, CGL15, CTT07, CLM00, DDMPG17, DX14, EAS+18, EYY19, EBCP18, FHYH15, FTD17, FFPS10, FLPP05, GPA00, GVDB14, GMY13, GAYTC18, GIa18, GGH+03, HZC10, HML07, JRF+07, JC09, KADJ14, KH18a, KK16, KF00, LLM13, LJS17, LKJ+19, LG08, LPY+18, MCT+15, MFP05, MTV05, MGV+14, MS01, MC04, MHA09, MMP09, MM18, MLLO18, NV11, NZL+15, ODK+17, OB17, Opp00, PVN+12, PK99, PH99, PLW+19, Pol98, Po109, PZY17, PPSS06, PKI+18, PFS+13, PEG05, PBB+05, QCD16, QP08, RZ16, RB13, RW18, RGVGGSSZ14, RG04, SRZD15, SMPC12, SMPC12, SLY+06, SZGbC04]. services [SGC+18, TS08, TGM11, VAR14, VGBL+06, VSMRM12, VSP+14, VPT+10, WRC17, WDKV19, WG13, WCC+09, WYH+17, WHYZ18, XB14, YMLT13, YA04, YC05, YK017, ZCW11, ZCLW18, ZJWZ04, ZaTZ+17, dACNC16, AKMK05, ABS11, RVST17]. serving [CZM+18]. Session [Ano86h, LZYC13, KMC18, dSNB19, OVK+09]. Set [Zia94, CsdCM+17, CGH04, DL04, HWXW18, NK18, OB19, RNJK09, Xia06, YLG+16]. set-splitting [CGH04]. set-union [HWXW18, OB19]. set-up [RNJK09, Xia06]. Sets [BRH18, ABMMC18, BCW01, CPE+17, DB99, ECPF17b, EA17, HAB+06, LGH97, Sin07, WTG+14, XYZ05, YA04, ZLD+03, vdrR87f, setting [WM07]. settings [FFL+19]. setup [MD12]. severity [ATX13]. SFaaS [KCCL18]. SFC [LN18]. SFC-based [LN18]. SGrid [LvSW+04]. Sguerev [ vdR87c]. SHA [LC17]. SHA-3 [LC17]. Shack [MAPA19]. shades [CPMG19]. shadows [DS04a, Sch98]. shape [BBL+05, LG08]. share [NP06]. Shared
shared-image [FP03]. shared-memory [BK97, CR92, SF06]. shared-nothing [KMB16]. Sharing

[DL00, BBM+03, BJJ+17, CD16, CTT+08a, CWD04, CCS+10, DZ04, DGS09, ELvD+96, Erd13, FSM+18b, GCC17, GG10, GLB+18, HLYW17, HMA+18a, HYF18, KSI11, KLMB19, Lea13, LJLW13, LAL+15, LHL15, LWYS18, LLL+18, LEW19, LL16, MM08, MM18, MMO18, PIP18a, Rao17, RBC+15, SHBP10, SAGL10, SBG+09, SCY01, SAR18b, SSB13, TTK+14, TCK+14, TCH19, Wan19, WZ18, XCS+18, YL15, YZW14, YZC19, ZGL19, ZZ15]. Shedding

[SHS89]. sheet [FZT+18]. shelf

[RV95, SMM+14]. shell [KTY03, Tab06]. Shells

[TAG96]. Sheltering [DR15]. ship

[BRL19, SUZ89]. SHM [SCL18]. shock

[Kni89]. shockable [AF0+18]. shocks

[MID16]. shop [ABMFS18, BZMY10, DDDV92, ED04, RNJK09]. shop-floor

[DDV92]. Short [KLS19, ZNC+18]. Short-term

[KLJS19]. Shortest

[TTC+14, LK89]. Shortest-linkage-based

[TTC+14]. Should [Poh87]. Showstopper

[PBC+17, PBC+16]. shrinking [UM2].

[SHFQ+98, FED+98]. shuffled [LCW+18].

shutdown [WWZC19]. shuttles [BR04].

sickness [GGH+19]. Side

[YN18, HSS00, SM10]. Side-channel

[YN18]. side-effects [HSS00]. Sidera

[EDD+10]. sieves [SBCF16]. Sigma

[vdB87], ANN+92]. SIGMCC [CTT+08a].

sign [HYC+18, LLZW18, YLY+19]. sign-on

[LLZW18]. signal

[AKM18, BLL+19, CLZ18, GCCL18, Kim18, WPS+18, XKB18, YSZW18]. signaling

[HSBE19, SJG07]. signals

[AHD+19, AIA+18a, AIA+18b, Fuk85, NUPA19, RJN+19]. Signature

[XZZ+18, Ale97, CYH04, HWW04, QCX18, SCZ+14, TX14, TYH04, YN18, ZaTZ+17]. signatures

[AMM16, Che13b, WWW+16]. Signcryption

[Rao17, LK12, LHL15]. signed

[YLH+19]. significance [DFG+00]. signing

[HW04]. silicon

[MPH00, YLJ+17]. SIMBEX [GL04a]. SIMD

[BL92, CEJK94, ZHHQ18]. similarities

[CRYG18]. Similarity

[THHT14, BNFZ08, DMZ12, GVI13, GA13, KMC18, LXL+17, LLL+18a, LLW18, NSI18, RAK18, SCB+16, ZH+18]. similarity-aware

[ZF+18]. Similarity-based [THHT14]. Simple

[SWCL95, Sch01, ABF*03, HHSW92, TDL05, VP94]. Simpler

[SCH10, SUD+98]. simplify

[HLS06]. Simplicity [DDD18]. simulate

[GGM99]. Simulated

[VSvD95, AJY12, CH11]. Simulating

[BL15, DS04b, DIK*06, JLMR00, D999, FPGK18, KZC04, M9+16, Mor01]. Simulation

[AB16, BAD+05, CFC17, HW95, LSS94, MVRM08, RSV90, TC06, Wor99, Wri19, AJZ+02, AGJN00, Ano96b, BDP1a, BMP01, Ban02b, Ban05, BJNH05, BBK+18a, BGMLS17, BKK02, BD10, BPS+03, BVDF00, Br01, CYL05, CPGdS+13, CPGBC16, CTG07, CFP+19, CB+15, CTT+08b, CWW+13, CTMO06, DCC+14, Eng14, FJT10, FDR17, FW02, FN00, FCW01, GL04a, GBE00, Gra01, GCK98, HDC+94, HCB16, HQ07, HKG+16, IPG+18, IO004, JH16, JL03, KNI+18, KMB+17, KVV+18, Kni98, KGV14, KMN+05, LRL01, LF01, Llen01, LB09, MGT18, Mid01, MSX00, Mun04, NJW+06, NCS04, PO00, Par06, PPJ95, PSS01, RdSH*00, RLRC13, RN01, RV95, RS99, RGH+01, SGFS01, Sch85, SNW01, SBS98, She00, Sin92, SKT02, SUD+98, SLW01.
SdSP04, TKA⁺18a, Tur18, UTTO0, VN01, WHBC19, YCAS03, ZMS⁺06, ZYTC15.

**simulation** [vOB95]. Simulation-based [MVRM08, JH16]. Simulations [FB18, NS10, SdI99, ABL04, AKH⁺04, BSE⁺13, BRMN04, BMP⁺16, CTF⁺99, FQBCF15, GDP⁺18, HRJ⁺04, JNPY06, KKH01, LPK94, NEJP94, PF01, PBB⁺05, RN04, SMK05, SCK⁺00, SSL⁺10, TKA⁺18a, WWCV94, VSV95, WSK⁺03, dSK⁺19, Kol89]. simulator [BCS99, LJJ04, LLAH13, SM01a, WWSM098, YA02].


Situation [Hal88, NSHP88, WBT⁺08]. situational [AL14, RR18]. situations [BKB18b, RGS18]. Sixth [Ano84e]. size [BVDFO0, HV92, JLL17, Tor04, Van92, YKK13]. sized [SCCS11]. sizing [GDR⁺14, SLD⁺15]. SKaMPI [Ren03b]. skeletons [BG05, KMZ16]. skew [LZPW⁺18]. skills [SR19]. sky [GDG⁺16].

SkyDrive [QC13]. skyline [LLM⁺16]. SLA [AB16, BS11, BCP030, CMZ⁺12, DMZ09, ENC⁺12, GEG14, HY09, JTB15, KKB14, MG14, MG16, MEBA12, NJH⁺18, SBK⁺16, SSL12, TMS⁺17, ZAC⁺18]. SLA-based [AB16, CMZ⁺12, KKB14].

SLA-constrained [HY09]. SLA-driven [GEG14]. Slack [HLL⁺17]. SLAs [GJF⁺12, HHS⁺18]. slave [HCL07]. sleep [AKM18, BJM⁺17, CFMC19, KLP19, KCH⁺13]. Sliding [YL16, AQB15]. small [LAM07, PM14, TDC⁺14, Van02]. small-world [LAM07, PM14]. Smart [APRC16, AFSH⁺19, AT18b, BA17, BBCN18, CAB⁺18, CDH⁺19, DP17, DP19, HYC⁺18, HSS17, KPA17, LLZ⁺18a, LNL19, Mar90, MPI⁺18, PDM18, PC18b, RMSP17, RPA⁺18, SAGG18, SDDG17, Sta17b, TF17, VPA⁺18, WLA18b, ZYW⁺18, AMN18, ABMM18, ABC⁺18, AR18, AFSH⁺18, AT19a, AHdF97, Ale97, AC18, BBC⁺17, Bae14, BLO⁺18, BGV97, BWG19, CS11, CLH⁺18, CBFP18, CkLC06, CCC19, CZL⁺18b, DFRW17, DQ97, DDMP17, DF97, EADE18, FG18, FTK17, FSM⁺18b, GHD19, GA1⁺18, Ham19, HC17, HCMW17, HMA⁺18a, HMA18b, JBC16, KLSJ19, KAS⁺18, KS18d, LRGJ19, LNK⁺18, LKF18, LSV⁺18, LW⁺18b, MCN⁺18, MLC⁺18a, MK17, MVL⁺18a, Mat18, NAGD18, NWMG17, NW17, OCW14, Osm19, PC17, PPS⁺18, RGN⁺18, RGL18, SP18b, SAG19, TGM⁺19a, TOD17, TDL⁺18, TWZP18, TCB⁺17, UGBM⁺17, WDJC18, WHBC19, XYZ18, XLL⁺18a, YJS18, YSMH19, ZXD⁺19, dSK⁺19]. Smart [AR18, AL14, CGSV17, FAM⁺17, GXL⁺12, GMLG⁺17, HSS17, hKR17, KAD14, LSL⁺15, TAS⁺18, UPP17]. Smart-cities [AT18b]. Smart-Cities [Sta17b].

Smart-grid [AT18b]. smart-spaces [AT19a]. smarter [APBD17, FRM⁺18]. smartification [BZ19]. smartphone [AB19b, HUMA18, VOCHC17, OMD⁺18]. smartphones [WWVJ17, YYY⁺14].

SmartSantander [DMD17]. SMiLE [STTK03]. Smith [vdR87e]. smooth [ZY04]. Smoothing [DV13]. SMP [BSG⁺05, BTM10, CRE01, MTK00]. SMS [CYZK15]. SMT [PAB⁺14]. SMT-based [PAB⁺14]. SN [RMDB18]. SN1000
[CGSZ95]. snake [RDSA18]. SNIPER [FMD99]. snoop [Yam92]. snoop-cached [Yam92]. snooping [DSS98]. Snort [SI18]. SNR [RJN19]. SOA [BDP11b], SOAs [KB09b]. SoC [QZM18]. Social [AC16, AMP19, BCJ13, DCF19, EGVT18, JBM18, KZA18, LSAM13, NJ18, PLLP19, PYM18, RQN19, SF18a, SRP19, WZWW18, ZCYZ18, ZG18, AUSA19, AKP18, AQRH18, AQAR18, AT19a, ABG18, ACM18, CWJ16, CGM18, CHY18, DFLQ17, DGS09, DYC18, FPL19, GJ18, GBY16, GTSAR14, GW16, GCC18, GSN18, GGS18, HCC14, HAM18, HYF18, JLQ17, JXC19, JWW14, JLD19, KAS18, LRL14, LCW18, LZP18, LIW19b, LLG16, LWL18, LLRAW17, LJW19, MML18, MYHZ18, MNC18, MVG18, MBL19, MLW18b, MSM18b, MCG15, NBB18, NZOJC19, NJ17, NLM16, NO19, PBL18, PPS18, PBA18, QGX18, SOD18, SCZ19, SA19, SB18, SKS18, TL19, WWV17, WRC17, WJLW18, WDD18, WSN18, WMA18, WLA18b, XCS18, XWJZYF19, YMLT13, YZL18, YXZ18b, YCXW18, YYY17, YL18, YLA18, YLH19, ZLL17a, ZZH18, ZNC18, ZCL19, ZZZ14, ZZLZ18, ZSS18, AMQS19, GCCPGGBS10, HZW18, HAT19]. Social [LCR19, LKCS18, MWQ19, RC18, RC19, SYJA18, SSW19]. Social-aware [DC19, JLQ17]. social-based [JXC19]. social-IoT [AT19a]. society [APRC16, Ano87c, LLS14, Mar98b, Mar98a, Mar99b, PKF14, ZHU14, ZHU14]. Socio [ABD19, KKS18b]. Socio-cyber [ABD19]. socio-inspired [KKS18b]. SocioScope [NJ18]. Soft [EA17, Hab05, BBB16, DS04a, GKW12]. Soft-computing [Ha05]. Software [AO06, BHH91, Cas94, DO15, GRCP17, JAAD16, KB18, KKvdB17, Kow84, Kow85, Mal91, Mat89, NAGD18, Sch94, SK97, SMG18, TDSH16, TD95, TST16, WRK15, AAB12, AMB03, Ano87b, Bea03, BBL15, BHH92, BKL01, CMZ12, CY12, CJK18, CCCP19, CGSZ95, Cur92, De98, GZLZ16, GV17, GJS19, GHYK18, GCK98, GXL18, HA16, HA18, HZC10, HLVL11, Hum92, IMS19, Jon00, KHX18, Kni18, Kni12, LBM18, LWS07, LIW19b, LSO6, LLS14, LRC18, MB01, PLL18, PSLZ18, Poh87, QCY19, RA12, SF19, STT13, SMS14a, SLZ95, Tak05, TBK06, VS13, WSH17, WZWC18, YL17, ZGL19, ZLZ13, ZBCT17, ZZSZ18, ZMN99, dSK19, BRH18, EMJ13, IDK19, RGS18, RA12]. Software-as-a-Service [EMJ13, RA12]. Software-Defined [SMG18, CJK18, GHYK18, GXL18, QCY19, ZGL19, ZBCT17]. Software-Intensive [DO15]. soil [LNJ04, ST18]. solar [SZC05, TTC14, GCCPGGBS10]. solid [GNO01, PLX19, WZK13, MP15]. solid-state [PLX19]. solution [BS17, CGH14, DMM18, GHY18, HCL17, HXY13, IDK19, KI18, LZ16, MGV18, PIP18a, RGP10, SJ13, S03, TDSH16, YL15]. solutioning [MNY19]. solutions [AR17, ACL18, BCP18, CsdCM17, CCR18, EGVT18, KS18b, LKA19, Od14, PAL19, PMY18, PD18, PH18, QCD16, ZEO18, ZEO18, dCTV18]. solvability [Ned06]. solve [Del06, ED04, SSG17, ZZC18]. solver [BG05, ID98, MMV08, PH14, SGFS01, SSC04, VM10, Jon00]. solvers [BJH05, BRM04, BGC03, BEW10, NHT10, dSL98]. Solving [HPP94, KKS18, SG04, YF15, vDV8a, BJA15, CMC05, CMT16, CRM05, DHD89, EPJ15, FFP10, NMC05, PAD92, PKC05, SCH03, SM10, WH05, ZS05b, ZAP15, tTV96]. Some [LUK89, MDD89, PAL16, DS19, DR03,
SOME-Bus [Kat04]. Sons [Ano87c]. Sophia [Zna94]. Sophia-Antipolis [Zna94]. Sort [GK18, MAC17, ZSZ+19]. sorting [CG02, CKF06, Kat04, LQK+16]. SOS [AMPP19]. sound [DH16, RJN+19]. sounds [WLZ+14]. Source [QC18, TK18b, BP01, GBKJ18, HZW+18, KTTK17, MQN19, NB04, PBT02, PWA+19, PSK+10, VOCHC17]. source-code [BP01]. sources [CCJ16, ZMP10]. South [HPP+18]. Sowa [vdR87g]. SP [LZW+18]. SP-Partitioner [LZW+18]. Space [WZL18, AI09, BORM07, BW97, DZ04, DFC+08, DL00, DBD+14, Fuc93, GQLX18, JHC10, JL95, LTH92, LGYZ18, MSM+18b, NHG02, NHG03, SW05, SCK+00, SGH08, SSMG95, TMV+07, VLC03, YPH14, ZZ15, ZXYL05, dLLA93]. space-sharing [DZ04]. spacecraft [AFPG91, AFP+92, CSC+92]. Spaces [DP17, AT19a, BMS05, BR18, LLS+14, SNC18, SAG19]. Spam [EAA16, CYZK15, CWZ+17, SB18]. SPAMINE [AVPV17]. spammer [MK19]. Spanish [GGCR+16]. spanning [CFL+18, Luk89]. SPARC [AG92]. spark [GLVC18, LZW+18, SJ18, CSG+18, HSV+17, TLZ18]. sparse [BJNH05, BMZ01, FFL+19, HBCR01, IST04, LLSL18, NHT06, SKT+08, SGFS01, SG04, XJY+18, YJY+18, ZWL+16, dSL98]. sparse-matrix-vector [HBCR01]. Sparsity [YSZW18, HDO16, YZW18]. Spatial [GRL11, ATS14, Ban05, CGN18, CAL+18, Coo09, FX07, GFD14, MTD18, NWD+18, NZZ+19, SSZ+17, YXZG18b, YDT19, ZSZ14, dFVP01]. spatial-temporal [CAL+18, NWD+18, YXZG18b]. Spatial [HYC04, SSP17, MLW+18a]. Spec [MHZK18]. Special [Ab106b, ADALZ14, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BB13, BN06, BDF+16, BLAV06, BB12, Buc015b, BR10, BRHH18, CMA11, CRS+10, ChK11, CC11, CSYY18, CF09, CGD10, CPSRG14, DL00, DFRW17, DMD+08, DPDS14, DT08, DDB14, DO15, FA11a, FM10a, FM08, GR09, GA06, GMA07, GMS09, GMP+18, HAB05, HYZS16, HKPT10, HKM+06, HJC10, Igl07, JO11, JS12, JY15, JL08, KTO8, KZ14, Kim07b, hKcF09, LXL09, Lee12, LS10, LNB14, Mels02, MOK06, NK10, OM10, Ole07, PH07, PX07, RW13, SGM11, SLE14, SBBD10, SBdL09, SPEW09, SD07, TCG14, TKB+10, TKRA14, TBdL16, VK09, WSB+15, XZ11, XL18, YGS16, YJHZ14, ZBB09, ZSH12, Zh07, Zh10, ZAP05, ADLW12, AR12, CRW+16, GTVD18, KJ12, PC18b]. Specific [JC15, BFK02, DR05, KZA+18, KANS18, PNHH99, SCZ+19, WFB08]. specifically [RLRC13]. Specification [Pro07, ATJM02, GGW+09, MCF+11, ZZ09]. Specification-correct [Pro07]. specifications [ATdC+16, ABK94, BDFP05]. specimens [FGCM07]. spectra [CGM+07]. Spectral [BvdHN+01, RJN+19, DNW+19, GHEB+18, LJJ18, Mal94, MLZ+00, RCM17]. spectroscopy [GPH+94]. Spectrum [DSBC19, LSG18, GPH+94, JSS+12]. speculative [LAL+14]. speech [XYX18]. Speed [CZM+18, HGM15, SF19, AB03, DJJ+18, HDB18, HG92, HAB+06, JHH16, Kas85, LC01, LSH+11, LYS12, MML18a, MFP05, MAPA19, RPA+18, SRG+03, TYWZ18, VBS19, DSBC19]. SpEED-IoT [DSBC19]. speedup [PJDO13, AB03, ABMS05]. Sphere [VSVhD94]. spherical [Tab06]. SPIDER [FSP02]. spill [FCG+14]. spills [MSS02]. spin [Coo90]. SPINEware [BvdV99]. spiral [HHS98]. spline [EIG04]. Split [MK19, PNH99, MYK16]. split-layer [MYK16]. splitting [CGH04, Cie04].
LYMZ09, LFL+17, LS01, NQQL13, Qin07, RM97, SSL12, SK05, SYL18, WZZ16, WCM+19, WS10, WW13, XWL+18, XW[ZYf19, YLWW18, YL[C10, YMY+17, YK17]. Stream [CLNR18, dRADFG18, ACC+16, BVFGWA15, EMHE18, FPR18, GS95, GRX19, HRW18, LOR+18, LSD11, LM90a, SSL13, WPGN+18, WHMO13, YL16, ZSBB19]. streaming [BDNP13, DHW+17, FMR05, kHsZWJW18, KWK16, KSK+11, LZW+18, MBC+11, MYK16, RGGH18, SST+06, SKF+09, SKF+11, SLDK03, TCN+16, WD16, Weli11, YMD+13, ZCK+15]. Streamlining [WBKL16]. streams [CFM17, DGD+16, FSV+19, GACM17, LCCM18, MPP13, MTB+18, PvSS17, RLBlvM14, TGRS17, TCBPR16, WSN18, YARRH18, ZSP17]. StRed [NZQ07]. Street [AR18]. stress [AKM18]. strength [BBJ+06, OSO6]. string [LHCC18, MM03]. string-wise [LHCC18]. stripes [vV85]. Stroke [TJ18]. Stroke-order-free [TJ18]. Structural [ARP14, HJP92, Lop03, XPL19]. Structure [BKM03, KS18a, KKL09a, PC18a, WZL18, ASV+13, ANN+92, BM00, CWL+18, CD16, CCG07, Coo90, DZZ+15, DLW86, LY17, LY18a, Lin84, LYT+05, Nit86, PLL+18, TMT+07, YK17, ZQZZ09, ZFY18, ZB19, ABK94]. Structure-aware [PC18a]. Structured [CDG+14, HB00, ADT03, BMH10, BFS02, CHSA18, DLP06, JC09, KX11, LLZ07, PGSM05, RHMGCI4, SB17a, SS03, VMSRM12]. structures [BNFZ08, BL92, KN06, RGCC18, SB18, Yam92, ZZ15]. Structuring [Leo01, LPE08, CCG07]. Stuart [Zad87]. student [CMEA+19, FFGP+19]. students [FJA+18, Kim18]. studies [Asu13, BBSV92, CPP+18, Cur92, Fuk85, GGH+03, MMVV08, MDD89, NHG02, NHG03, PKC+05, RSV90, SHS+19]. Study [CY88, KI89, SAGGB17, dLB10, Bal92, BBM+03, CGN18, CCT13, CPMG19, DRS04, Dog09, EGCY+06, FGM11, GSV+10, GRS+19, GMM18, HORC04, HMA18b, IPG+18, KDFE04, KHI10, KE85, MYBMM18, MNC+18, MKS18, MOFGP18, PDDS10, PM14, RMJ+18, Rou00, SM01, SB11, TC06, WX02, WLH16, WRCC17, WM07, XLL+19, ZM97, ZDL+13, ZN12, ZXL14, dOOO+13, vVDBB98]. Studying [FAMA+17, SH99]. Style [BCL88, Bal91a]. styles [MS01]. sub [YPFC12]. sub-directional [YPFC12]. Subevents [NO19]. Subgraphs [WLB00]. Subject [Ano92h, Ano92i, Ano93i, Ano94g, Ano95h, Ano98c, Ano01d, Ano02c, Ano03i, Ano04b, Ano05f]. subjective [LLJ+11, XJY+18]. subjects [Weli11]. subroutines [DT94]. Subscribe [BDP+17, AMPZ16, EBCP18, MWQ+14, OKF10, XWW16]. subset [QP95]. subset-equational [QP95]. subsets [QC18]. subsetting [PPZ12]. SubSift [PF+13]. subspace [CHJ+04, Dat03]. subspaces [HV03]. Substation [ONHT89]. substitutable [SVB07]. subsystem [CPDS18, WTC+02]. subtailar [Bo19]. subtraction [DGA18]. Success [vdR93a]. successive [ZWS+12]. sufferers [NDZ+18a, NDZ+18b, NDZ+19]. sufficient [XWL+18]. suggest [MVS00]. Suitability [KKP00]. suite [BBBD01, Reu03a, SPMC10, SCK+18]. summary [DR89]. SunwayMR [WHYZ17]. SUNY [Lit03]. Super [GHO+11, JP18, Kas85, MTV05, MCT+09]. super-peer [MTV05, MCT+09]. Super-resolution [JP18]. super-speed [Kas85]. Supercomputer [KMN+05, KGLA85, LM90b, SS90]. Supercomputers [Fer84, DFSZ88, DHD89, LM90b, Per86]. Supercomputer [Ros89, AS99, Han03, LPC+95, Mun04, WTC+02, WAD+89]. SuperFine [NS17b]. SuperJANET
supernode

superscalar

superscheduling [MJRM16]. supertree [NS17b]. Supervised

supervisory

supply

supply-demand [PYH17]. Support

BMS05, EMB98, Fra08, Supporting

GJF Pal06, Pal09, Per86, PWB RHH

GKTK15, HHL11, Ham17, HAA+16, Hum92, JNS+19, KFBKD14, LGH97, LZ10, LPK17, LGW07, LLW+19b, LDY+18, MDB+18b, NHG02, NHG03, ONHT89, OVK+09, PM04, Pal06, Pal09, Per86, PWB+13, SB97, SGP+09, SCEC18, VR05, VDK12, WLF+09, YAJG+15, YCX05, ZDDM+18. dfVPSHL+14, dLLA93, LPK18.

Support [DPDS14, JO11, HB08, KSM+07a, KSM+07b, LNJ04, ZAI+18].

Supporting [BMS05, EMB98, Fra08, GFJ+12, JHC10, Lok12, LXZ+18, LHCC18, ADT03, CES+19, CMP+17, DMPP16, HZL18a, KT08, LG08, PAG99, SZP00, SB11, SAK+10, SHL08, YD18, ZBF14].

SUPRENUM [SS90]. Surface [Alb04, CFG93, GL95, IEG04, NUPA19, RBS93]. surfaces [DY04, ZY04]. surgery [SGL99].

Surgical [EKB00, WWSM98]. surrounding

Surveillance [SLTK19]. Surveilance

MP+18, AMBB18, HST+18, HZZ+18, RHJ+16, TWZP18. Survey

GBB18, JAAD+16, AMI16, ABP18, ASD12, Ano84a, Ano87m, AMS19, BMK+14a, BdDPP16, BRNR15, BBI13, FSV+19, FS93, FRL13, GXL+12, HQH16, HAP11, HMZ18, HDB18, Igl04a, IAM+18, KKKM13, KAW12, LY19, MDO+15, MvWvL99, RLM18, TVB18, WGM15, ZZF18, ZAI+18. surveying [YWZ+18]. surveys [DGD+16]. Suspending [ALM+10]. sustainability

[AK18b, KPB18, LIC18, SA19]. Sustainable

[KHG+18, HYC+18]. sustaining [BFN18], SVD [CHY+18, PP06]. SVM [RW18].

SVM-based [RW18]. SVMs [FZHH14]. SVR [JP18]. SVSC [HYC+18]. SWAN [PTM+18]. swap [CSJ+17]. SwapBench [ZLL+17b]. swapping [ZLL+17b]. Swarm [XRPT18, GHEB+18, JNR12, LAH10, LSV+18, MCA02, OB19, SJL+18, WCL+17b, ZSMS18, HAT19].

SWARM-based [HAT19]. Swedish

[HY03]. sweep [SIL+13, SVN10b]. sweeps

[SBA+05]. SWI [CAS+16]. swift

[WCF+15, PLCGS11, GMC+11]. SWIG [Bea03]. switch [STC15, ZGL19]. Switched

[CGD10, CkLC06, CGJ+10, XK06]. switches

[LKTC14]. switching

[CHHH13, CFVP03, HAP15, MGYC06, MSM+18a, SKF+09]. switching-frequency

[CHHH13]. Sybil

[AQRH+18, AQAR+18, JNH18]. Sybil-precaution [AQRH+18]. Symbiosis

[CSP98]. Symbiotic [ANA16, EA17].

Symbolic

[Fah98, GI07, CsZzG+13, FB93, Ref87].

Symabolic/numeric [GI07]. Symmetric

[LL18, AKH+04, DLZ16, FH13, GMDFLC17, TC06]. symmetrical

[RS17b, USK16]. SYMPATIX [CEJK94].

symplectic [IS03, MR03a, MR04b].

Symposium [Bis96]. symptom [YZL+18]. symptom-matching [YZL+18].

synchronisation [PDDS10].

synchronization [ANG+19, AC92, BB06, CZT+15, EV96, GI07, GE90, HXY13, MM18, MML018, Pan95b].

synchronization-based [ANG+19]. synchronized [LKK+16]. Synchronous

[Du189, GL05, dRDrQGR+18, AT01, GGLD10, MD92b, OPT+17]. syndrome

[Bo19, KA88]. synergetic [XFM16].

synergistic [AMB03, KSS11]. synoptic
[DGD+16]. SyNRAC [YA07]. syntactic [GMMM18]. syntactical [KL02]. synthesis [GP96, RS17b, SK18, Yos89]. synthesists [SOA17]. synthetic [JLMR00, PFMC04]. Sys [MR04b]. Syst

[A]B19a, BFS+17a, Cha14b, HYS18, KSM+07a, NDZ+18a, NDZ+19. System [AMPP19, BZS18, CCM+14, CCKW88, DLW86, GCD+18, HRSW99, KV17, LSD+17, LRZ+18, LSS94, MPI+18, ML17, OSHH96, RT16, RMA+18, SVN+10a, SS17, ZYA+18, AD18, ABKZ15, ACC+05a, ABC+18, ABD+19, ANN+92, AKCY+17, AQAR+18, AASI17, AHM+18, AHMS18, AIB+18, AGJN00, AS18b, AFPG91, AFP+92, ABBH18, BDE17, BG12, BBFW03, BL98, BT93, BPC+14, BG05, BLRS98, BPAP92, BDNP92, CM01, CSTR+09a, CTG07, CTT13, CM17, CWSW14, CIL+14, CYZK15, CLH+18, CZH+18, CW13b, CSL18, CAS+18, CGST09, CRC+19, CSC+92, DLW07, DGST09, HJ15, DDA98, DP19, DCF19, Din03, DIK+06, ESFD06, ED04, FXP+09, FK11, FMV14, FAMA+17, FPR18, FNA11, FW02, GLM+12, GCCC+07, GYBG17, GS95, GHWZ94, GML+13, GPA96, GCCL18, GGD+18, Gos00, GJKP18, GG10, GE90, HWS07, Han89, HUMA18, HPP94, HKM+06].

System [HDA+19, HIA+18b, HZM14, IMKB98, JBC16, JAD+16, JXC+19, JSC+15, JSZ+19, JOSD19, KKB18, Kae93, KFF98, KIAD17, KKL09a, KRL01, KS17a, Kom99a, KKL19, KKL11, KUI10, KLV+18, LCH+11, Lantu92, LL04b, LRL+14, LBJ+18, LD17, LL03, LC05, LZW13, LLC+16, LLN+18, LSZ+18, LWSC07, LJY12, LDSH95, LW+12b, LDY+18, LLL+18, LF95b, LLY+16, Mac89, MVL+18a, MKK13, MD92b, Mat18, MTD18, MPR+16, MS01, MAY+18, MOFGP18, MGLV04, Mur86, MQN19, NWE04, NDA+19, Nis93, OFO+99, Ohy89, ONHT89, Ost92, PHL98, PdASM18, PK99, PH99, PCG+06, PBA18, Pit96, PKSC02, RBGA18, RHH+16, RRP+14, RB12, RGLS18, Rei06, RWW+13, RSR01, RG04, SAE+08, SPK+07, SZP00, SSG17, SI18, SPSP17, SCL14, SZD+17, SWW+18, SM18, SB16, SLW01, SYCH18, Sus89, Tak89a, Tak89b, Tak05, TCC+14, TSK03, TNY17, TMM+13, TCC11, TDLO5, Uch86].

[Sys] [Uch89, UPP17, USK16, UdvdW+18, VSP+14, VPT+10, WCF+15, WMX+17, WWZC19, WLP18, XCS+18, XKB18, XKI+18, XWL+15, XJY+18, Yan89, Yan92, YMW+18, YCY10, YWL+17, YZL+18, YJS18, YWZ+18, YCAS03, YSL16, YZ12, YZW14, YWA+89, ZWL13, ZFW14, ZSX+15, ZGL+18, ZWZ18, ZZXL18, ZCQ+16, ZWX+19, ZW10, Zhu18, ZAI+18, Zin18, XLL14, DLLA93, APRC16, Ama86, BBP+11, BBSV92, Bre89, GCCPGBS10, Gut00, SH00, Szn89, WXYL15, ZPPE17, dRSBH94, vdR93b].

System-level [SVN+10a]. System/6000 [BBSV92]. Systematic

[Kac00, KT17, Hol93, MCWP16, SAC11, WZH+19, WLHH18]. Systemic [ABF+15b].

Systems [AWYJ16, ADALZ14, CCR18, DYY90, DPDS14, DO15, DSSU97, EGYT18, MOK06, NHG03, PW09, PIP+18b, SHS+19, SdR99, SAPA17, Sti93, SJTG07, TCG14, Van87a, VLA+13, Wri99, YGS16, YZL18, ZZLR18, Aba06a, ACML05, ABMM18, AMHO2, AMHO4, Ais88, ASAB+18, AHdJF97, AB18a, AKPN01, ACU95, ATdC+16, ABF+15b, ADF+05, Ano84j, Ano86j, Ano87n, AR10, AB17, AB18c, AM10, ADLM18, ADB018, AMR18, AH11, BMR15, BK16, BBW+18, BJWZ08, BDIBG05, BF18, BJNH05, BPS06, BDNP13, BDWM17, BMZ01, BBMG10, BMR94, BBK16, BDLO6, BBP+19, BRNR15, BR10, CPGdS+13, CMEA+19, CDF+05, CSdCM+17, CDL+16, CFGC03, CTR+17, Cas94, CCLS09, CLM+14a, CCJ16, CXL+17, CSJ+17, CY88, CB+19, CLP+14, Ch04, CSC18, CCCP19, Coo86, CR14, Dal03,
DZ04, DPK+19, DKV14, DLP06, DAM08, DFRW17, DFT92, DVI3, DLDGTGMP16.

**systems** [DRNMC09, DYL+16, DW87, DD66, DCMW17, EAED18, EG18, EO86, EMHE18, ECFPF17b, Fer96, FDRP17, FM10a, FMR05, GHD19, GS05, GHZW94, GDJ+13, GJ15, GA13, Gilsa5a, GEAR13, GA96, GIW99, GM11, GDR+14, HH98, HAF+16, HNKÖ18, Hen87, HRVW18, HCB16, HW95, Hir89, HPP94, HZP+14, Hol93, HPP+18, HHXL13, How91, HCL07, HK18, HXL90, HIDLW13, HLL+17, HM98, HLT+18, HLNM11, HKÖ+04, Iglo7, IPG+18, JSK+06, JLCC12, JLO8, JZWL17, JLY+18, Joh92, JC09, JM01, KHWZ18, KK00, Kags89, KANS18, KBVH14, Kha12, KB18, KLH+04, Kim07a, hKcF09, Kim14, KCS14, KARP14, KH89, KB16, KFBKD14, KK97, KUN94, LB18, LR06, LXS09, LKN+13, LRYJ17, LLF+18b, LWK+18, LC01, LCL14, LFH+15, LLGY18, LSAM13, Lok12, Lop03, LK17, LC03, LXZ+18, LM12, LZY+18, LSS94, LHCC18, MWQ+14, MBM18, Mar86, MB01, MGV+18. **systems** [MM10, MKH06, Mat89, MRV92, MPQ03, Meu05, MFL18, Miz89a, MMR02, MR19, Mul92, MPPF19, MGA+19, NPH19, NKB19, NFK10, NK15, NSSA+14, NQCL13, Nit86, OFD17, OKF10, OPO13, OA17, OCCK14, Pa01, P11+18, PaDASM18, PMK18, PY00, PWY03, Par04, PK14, PARF14, Par87, PWMX17, PX07, PNZ14, PQBP17, PB05, PB18, PVB05, PH94, PY17, PSBB15, Pud87, QP08, RBA17, RD14, RdLM06, RVC16b, RVC16a, RG04, SH99, Sar02, SSKF95, SG04, SB97, Ser98, SI18, SMS14a, SBLW14, SZK16, SH90, SOIS12, SFR15, Slo06, SMM+14, SS03, SMS13, Ste85, SCH+19, SV10b, SM96, Tkr+15, Th06, TAS+18, THT12, TTP+07, TCH19, Tur18, URKMK19, VF18, VR05, Var03, Van93, VS04, VGBLGS+06, VR00, Ven09, VDK12, Vin16, VMN+18, VM93, VSV95, Wah84, WX02, WHZL10. **systems** [WLZ+16, WHS+17, WZWC18, WRBG94, WBT05, WYN+90, WPJ16, WZS+18, WLS+18, WZML18, WB90, XLZ18, YLJ+17, YP12, YL18, YMD+13, Z05a, ZAB15, Zem86, ZCT+04, ZM16, ZA13, ZME+15, ZYB+18, ZBB90, ZLG+14, ZWJ04, ZYTC15, ZLL+17b, dSFP+17, dB90, vDR86a, vDR87c, vDR87d, vDR87f, vDR87g, vDR93a, Gra92, HYZS16, HL+16, KI89, LW+16, S106a, S106b, TKA14]. **Systolic** [CCKW88]. **Szpakowicz** [Teb86, vDR87i].

**T** [Che18, QMSG12]. **T-Alloc** [QMSG12]. **T-S** [Che18]. **T1000** [LYY+18b]. **T3** [EMHE18]. **T3-Scheduler** [EMHE18]. **T3D** [MPG96]. **T3E** [SCK+00]. **Table** [JL14, FCW01, GXL+18, LTC12, LPY+18, MWY12]. **tables** [CHS+18]. **tablet** [CPP+18]. **tablet-based** [CPP+18]. **tabling** [DS00]. **tacit** [MED16]. **tactics** [BS96].

**TAF** [GKS05]. **Tag** [SJL+17, DCS+07]. **tagging** [WMA18]. **tags** [LW19]. **tailor** [GVD+03]. **tailorable** [BvdV99]. **tailored** [RLRC13]. **Tailoring** [GNVST14]. **Taming** [TGM+19b]. **Target** [KI89, HSY+17, LWX13, WFQ+10, ZBL+14]. **targeted** [NNC+19]. **targeting** [PNH99, SBCF16]. **Task** [AMS19, AEM10, BTM06, MVC+13, PBCD99, SL11, ANA16, ADBO18, AMR18, BFL199, BKS+18, CLR17, CA13, CLC11, CaDS15, CXL+17, CWJ+18b, DLW07, DKV14, EMM12, FGW+19, FDPF17, HPLL09, IDM+16, JLD+19, JM01, JEB18, KOT18, KA19, LSTV07, LCMX16, LPL+16, MVRM08, MGnt18, Nag16, NPK12, PLLA18, PB18, QZM+18, RS17a, SV16, SBHD08, SDA19, TDFF+17, TVB18, WKC+13, WZM+18, WPJ16, XAW+10, ZMT16, Z108, ZCK+15, ZGL+18, vKvW+13]. **task-based** [JEB18]. **task-efficient** [QZM+18]. **task-farm** [BFL199]. **task-level** [PL11, AEM10, BFL199]. **task-parallel** [SBHD08]. **Tasks**
[DFC+08, APAZ17, AEGF+01, BDS+10, CFGM16, CA15b, CLR18, GVA+16, GGS13, LHL09, IYMZ09, LGY+16, Li18, LG16b, MLBS11, MRN19, Nag16, Nos98, PAA19, Reh06, SHP+16, SC19, Ser98, TLL+11, WHW16, WL05, Wu16, ZCL+14]. Taverna [ABG17]. Taxonomies [SV15]. Taxonomy [AKL15, DZH18, SYK+17, ATS14, BMK+14a, DC18b, DJ13, LCC19, LLWZ18, TVB18, YHA+19, ZS05a]. TBRs [LLW+19a]. TC2 [BT93]. TCARS [RMA+18]. TCKPT [KKJJ10]. TCP [AbdL+03, AbdLL05, KJH10, WWD+14]. TCP/IP [KJH10], teaching [FGG03, SYT09]. team [UZ11]. teams [DBS14]. Technical [vdR86b, CdCD07, GHZW94, UNM+16, Yam89]. technique [AKM18, DC17, DD05, GSC11, HRJ+06, HMP04, KHWZ18, KSA19, PCB99, RZDM01, SMRM13, SKS+18, SLA+16, VS90, VM93, WCC14, WTS14, YSL19, dFPFG19, de 94]. Techniques [Gra15, WRK+15, ZYA+18, AD18, Aba06b, ACML05, AAN+18, AMI16, AT96, AB95, AMS19, ADK+09, CGN18, CY01, CTMO06, Fakh8, Gra92, Hab05, HSC15, JYY+17, KZC04, MGV18, Mic97, NWE04, PB05, PdLS+99, SC19, SMS16, SV15, SKS17, SK12, TSBH11, VOCHC17, WKZ+03, WMX+17, WLB11, ZAP05, TV9H6]. Technische [Bum03]. Technological [dfFVP4SHL+14, Aig86g]. Technologies [BDF+16, DPDS14, DMS597, Sim86, ZPPE17, AZH18, ABP18, BGV97, CPSRG14, DFWR17, Dsb91, FM80, FR08, GVGB17, GMB+05, HSB+18, HIJC10, HSS17, IJCR19, KPS18, KS17b, LLMP13, Mal01, Mal02, Mal05, Mga86a, PKC+05, RVC16b, RVC16a, Sle14, SJTG07, TMV+07, WCKW10, HMS15]. Technology [BBD+99, ChiK11, ZLZL18, Abe92, AB19b, Ano84a, ACPI19, BLAV06, Car86, Dek86, DvdHdL06, DD07, GMA07, Ham19, HCCW17, How91, Kaw92, KM01, KAA88, LBJ+18, LKM91, NTTN96, NLM+16, Poh87, Ser95, WZH+18, WAD+89, vVD08, vdR86b, vdPGZ+16, ABMS05]. TEE [DJZ+15]. tele [RMM+98]. tele-immersive [RMM+98]. telecollaboration [AKB18b]. Telecom [BT93]. telecommunication [WWZ18]. telecommunications [Car86, Mun04]. TeleEEG [De 98]. telehealth [WQG15]. telemedical [De 98, JSS+99, Mar98b, Mar98a, Mar99b, Pol99]. telemedicine [EV98, FvLTT98, FP03, Mnp99, PK99]. telemetry [KMC18]. teleophthalmology [DRC+19]. telerhabilitation [AKG+17]. Telescience [LLH+03]. telescope [BFK02]. telescope-ready [BFK02]. tell [GMM18, VPA+18]. temperature [MLGGB+17, Tab06, XZD+19]. temperature-dependent [Tab06]. template [LTJK12, LZZ+12]. templates [AHM+18]. Temporal [CPA14, GGS18, AVPV17, CAL+18, FX07, HYC04, KZCW13, LFL+17, MLW+18a, ML19, NWD+18, OCW14, RAKJ18, RMM+98, RKB18, SSP17, WXPL17, WMBV17, XLZ+14, XWL+18, XHL+19, YXZG18b, YDT19, dB09]. temporary [LZL+17]. tenacity [LSG18]. tenancy [BPC+14, TCPR16]. tenant [EMJ+13, MDD15, PMLVL+13, RB18, SWW+18, ZGB+17]. tenant-based [EMJ+13]. Tensor [CSV+12, DJPM18, EBOY14, SAG19, WHCZ18]. tensor-based [EBOY14]. Terabit [HRJ+06]. Teraflows [GGH+05]. TeraGrid [DIK+06, VHML10]. Terascale [WSB+15, ZLD+03]. TeraScope [ZLD+03]. TeraStream [MWC+03]. TeraVision [SLDK03]. term [DLS+12, ECPF17b, HKG+16, KLJS19, MLL15, PBL+18]. terminals [Kam85]. terms [KMM+14, NB04]. terrain [OPO13, PFMC04]. Test [BP94, SAPA17, CSZG+13, Cho04, GODM98, GMM18, KKL09a, MSA+19].
Mal94, RRS99, RS94, WZCH17. **test-bed** [RRS99]. **testbed** [KSW+13, MLC+11, MMFM+05, SAMN02, ZWD18, ABB+05]. **Testing** [GAYTC18, MFT+17, SZ12]. **tests** [CDF+05, PR05]. **text** [ASY+18, BD18, FMV14, Kls05, KP18, NS19, SLZ+09, WLLF16, XZ16, ZWWL18, ZZZL18]. **textile** [WPS+18]. **texts** [ZNC+18]. **textual** [CFM17]. **texture** [ZZN04]. **theaters** [KO11]. **their** [Aono86i, Car03, CM95, DRS04, Igl07, JBP19, MMFM05, SAMN02, ZWD18, ABB+05]. **testing** [WRBG94]. **test** [Hua10, JLQ]. **test** [DDS+14]. **threshold** [KSW16, OFD17, PC18a, PTD+16]. **threshold** [HIA+18b]. **threshold** [KOT18]. **thematic** [Kaa99]. **theory** [Sti93]. **theorem** [Sti93]. **theoretical** [DPL14, FJL+16, GBK18, Hua10, JLP+17, JLCC12, KK14, Li90, TLSC17, WRRS16]. **Theoretical** [CSL18, BORM07, BRS04, GDRS04, LY19, ZZ15]. **theories** [WRBG94]. **Theory** [AS18, CDFZ16, FEPC18, YLW18, AS18b, AY16, CPE+17, DL03, Fe13, Ger02, IS18, JK92, LKCS18, Mh01, Mkk03, NSHP88, PBT02, PMPC13, SH90, SBK18, WQZ19, XL19, YMY+17, ZGZ+10, ZS10]. **Theory-based** [FEPC18, LKCS18, YMY+17]. **therapies** [GZZ+18, NDZ+18a, NDZ+18b, NDZ+19, ZMZ+19]. **there** [DA18]. **Thermal** [SSG19, Tab06, TZQ18, DSO4b, SSP17, ZTD+18]. **Thermal-aware** [SSG19, SSP17, ZTD+18]. **thermo** [Ned06]. **thermo-visco-plastic** [Ned06]. **thin** [DS+11, KuRak+18]. **Things** [AT18a, GBMP13, KK19, LSD+17, BRB19, CMP+17, KCM19, LLP13, NWT19, ABMM18, AKP+18, ACWJ19, AR18, AGR19, AMQS+19, AT19b, AVPV17, ASA18, AMPZ16, BA17, BZ19, BRH18, BGS+19, BdDPP16, BWG19, CCR18, CBT+19, CBPP18, CDFW18, CMZ+18, CDH+19, DPK+19, DZH18, DP19, DC18a, ESW+17, EAS+18, FG18, FJ+18, FTK17, FRM+18, FMR18, FPL+19, GTEL+18, GQXL18, GMLGB+17, GB18, GHYK18, GCK18, GZW18, HDKC18, HKA+18, Ham19, HZL18a, Hat19, HHK+16, HPP+18, HIA+18b, HNQ+18, IXL+18, HSS17, JCR19, JKAU19, JYY+17, KWK+18, KOT18, Kim18, KHL+18, LKJ+19, LH017, LYC18, LDS+18, LRBW17, MWQ+19, MK17, MVL+18a, MGL+18, MLGGB+17, MNC+18, MGN+16, MPLM18, NJH+18, NWT19, ODF17, PC18a, PTD+18, PLGMCdF18, PPM+18, PC18b, QZM+18, RGN+18, RMSPP17, RACA18, RHPV17, RC19, RMB18, SAGGB17, SYJ+19a, SHS+19, SST18, SWY+18, SYJA19]. **Things** [SSG18, ADAA18]. **thought** [KMC18]. **thoughts** [KAW12, Mid01]. **Thought** [FD95, CMS+18, GS15, PAB+14]. **threaded** [MAC14, MCA+18, PWWD18]. **threads** [LAL+14]. **threat** [CSY18, AJ19, ALL+18, GHP+18, HDKC18, HDA+19, KAW12, WZH+18]. **threatening** [AFO+18]. **threats** [AH+18, GGD+18, RR18, RLM18, XWRZ19]. **Three** [ABMMC18, EHT10, WZWC18, Wes99, FHG95b, LSD+17, LNK+18, LWT18, Pal01, PPH+09, XSM04, ZFY18, ZZ17]. **Three-dimensional** [Wes99, FHG95b, Pal01, XSM04, ZZ17]. **three-factor** [LK+18]. **three-layer** [ZYF18]. **three-level** [WZWC18]. **three-tier** [LSD+17]. **Throughput** [TSD18, CGT07, CGL08, HAF+16].
PMMA13, SCY+18, TCN+16, YKK13, ZSX+15, ZBCT17, thru [SYW17].
Thwarting [VS13]. Tibet [NMZC06].
Time [CWD+08, DFG+19, GBS10, JCMPPC+18, MG18, NRV+17, RMA+18, SGH+08, AB19b, AQB15, AKG+17, ABP16, BK111, BH03, BRR+04, BDHK06, BMP+16, CND+19, CCL190, Che14, CRRC18, CBK+17, CC00, CDH+19, DFLO17, DT93, DGD+16, Dog09, Dua94, EET18, GKI05, GVUR1BV4, GR96, GKW+12, GMdFPLC17, GRX19, GGLW18, HUK+11, HEES19, HNCJ13, HIA+18c, HMP04, HHS+18, JL03, KA09, KSAOK03, KCK16, KLC05, Kim18, KKP00, LF01, LFWV05, Li15, LRZ+18, Li18, LG16b, LPL+16, IWW+16, LD04, MZI+17, MPCAF15, MKT09, MGA+18, MFT+17, MOFGP18, MRN19, MCG+15, NF13, NJ17, NA19, OKF10, OPT+17, Pal09, PKF14, PTD+18, PGTB18, P699, PN09, RPA+18, SHP+16, SS04, SD02, SSt+06, SKF+09, SSL12, Sun12, SK12, SW02, Sus98, TST14, TBJ+15, TF17, TSRG17, TQL+19, TCCW19, VLK09, Van93, VSB19, WLZ+14].
Time [WQG15, WTM+17, WSH+16, Wn16, XY05, XLL18b, YNSM12, YCL+19, ZMTT16, ZSI08, ZCK+15, ZFC17, ZFC18, ZSP17, Zin18, WPJ16]. Time- [RMA+18].
Time-aware [DFG+19].
Time-based [JCMPPC+18]. time-constrained [SSL12].
Time-constraints [LPL+16].
time-dependent [Dua94]. time-efficient [XLL18b]. time-invariant [GMdFPLC17].
time-out [KSAOK03]. time-recordable [LWW+16]. time-scale [JL03]. time-series [LFWV05, MFT+17]. time-shared [CCL09]. time-varying [BH03, Li15].
time/cost [KCK16].
time/cost-constrained [KCK16]. Timed [BP13, Pap05, PIKM02]. timely [QC18].
times [BB13, CLRL17, JLL17, RNJK09, SPSP17].
Timetable [WSZC18]. Timetable-aware [WSZC18].
TimeTrustSVD [TQL+19].
timing [CCCP19].
TIN [TG04].
TIRIAC [NJ16].
Titan [LM90b]. Titan-2 [LM90b].
TLS [DC17].
TMWSNs [MLW+18].
TOA [HXY13]. today [MK16a, MK16b]. TOADS [ZJZW04].
Toile [BBG+05]. token [Ciu10a, Ciu10b].
tokens [CJ+18, GXD+09]. TOLA [SZD+17].
Tolerance [PCBD99, AMR18, CdCD07, DS07, GdVC10, LXJ18, LSTV07, MC04, NKP16, Sab02, SG05].
Tolerant [ACC+19, AMH02, AFP07, AFBO+10, BCHO+08, CCL11, DZZ+15, DHB02, DK14, FDO2, GCV+14, KL02, LCBF13, LHB95, LAM07, LS01, LYY+16, LS08, PWY03, PIP18a, RWY+18, SPB+10, TKHG98, Xia06].
tomography [FGCM07].
Tomography [LMGY18].
tomorrow [MK16a, MK16b, vdR87].
Tony [Her87].
Tool [LLSR02, AB19a, ABGMC19, BGMLS17, DMR93, FS07, FTH16, Ham17, KZKL06, LWHC07, MCG+15, NS17b, OS92, Reu03a, SDST18, WVS+09, WBF08, WYN+90].
toolkit [CN92, HAE+03, HBJ+03, JLLC03, LWHS07, SAM02, ZYB+18, MFE+08].
toolkits [YPF05].
Tools [CBS17, KV03, TBK+10, TA96, WRK+15, ACU95, BR92, BS+05, BRNR15, CAC+10, GLM+12, GD93b, KKVdB+17, MCSS00, SP18a, TC06, Wals6].
toolset [PTD+18, RSSD02, Tao10].
Top [CCJ16, MLW+18a, KMT14, MAD+16, TDBR18, ZZC14, CCHW03, RW18].
Top- [CCJ16, MLW+18a, TDBR18, ZZC14, RW18].
TOP-C [CCHW03]. Topic [AK18a, DL04, SZD+17, KH19, LDS+18, NO19, WJS+18, ZZJY16].
topic-based [KH19]. Topic-oriented [SZD+17].
Topics
Topological-order [AAC04, SNXB17]. Topological [AAC04]. topologies [VS90]. topology [AAD+13, LLpC12, LKTC14, PRC+14, SHRE16, WXJ+16, EMHE18].
topology-aware [PRC+14, SHRE16]. Tor [WLYL11]. tort [Kag89]. torus [KO00, LOK09]. TOSCA [WBKL16].
Toshiba [Ama86]. totalistic [JM02]. touch [Alp18, GMCM16, GMCM18, PDW+11].
touchstroke [Alp18]. Towns [GMLGB+17].
trace [KN06, PD11, SK06]. traceability [Che18, WSH+18, XLL+19]. Traceable [LDZW19, QRW+18].
Traceable-then-revocable [LDZW19]. Traceback [JL14]. traces [DMM11].
tracing [BK06, ZSBB19]. tracker [MKS18]. tracking [FAMA+17, JHC18, LWX13, SLK17, WJS+18, WYTF18, YYD+14, ZBL+14].
tracking-based [JHC18]. Trade [DGCGH+17, KNK+08, DMM14, GBS10, KCM19, PMBS14].
Trade-off [DGCGH+17, GBS10, KCM19, PMBS14].
Trade-offs [KNK+08, DMM14]. traded [VPT+10]. tradeoffs [KAEC+18]. trading [Che14, GFW+18, HQ07, MVG+14, RT16].
traditional [GK18, KC98, QMSG12].
Traffic [AT18a, BLO+18, DK17, EMHE18, Md01, RN01, RGH+01, SNW01, VX01, ADOKM06, AS02, AC18, BMK+14b, CG09, Che13a, CAL+18, FTK+14, FAMA+17, HZL18b, JBM+18, JH16, KXS+16, KLJS19, KBdLG18, LSL+15, LWT18, LLZ+18b, LGZY18, LOK09, MG19, MRS18b, PGTBc18, RGS18, SYL+19, Thy18, VVC+03, WLZ+16, WHBC19, YCL+19, YSL19, ZCS+16, ZYK17, ZJW+14, ZWMC19]. traffic-aware [BMK+14b, SYL+19]. traffic-indexed [LSL+15]. Traffic-sensitive [DK17].
Train [MK19, MLW18a]. training [BLB03, EKB00, Gra01, Han03, IMKB89, RS98, dLB10]. trajectories [CZXL18, NWD+18]. Trajectory [WMBV17, DHH+17, FAJP99, KXS+16, SOR05, WSN18]. Transaction [Joh92, KJI11, KVvE18, LGW+17].
Transaction [WZ13, GAYTC18, LAL+14]. transactions [DR15, LAL+14]. transatlantic [ABdL+03, ABdLL05, MMFM+05, RRS99].
transbronchial [BDS+10]. transceivers [ABS+18]. transcoding [GFR+06].
transcript [STP+05]. transcription [MMF16]. transcripts [TBD+02]. Transfer [NMZC06, BBD+99, HOKU+11, KHJ10, KKL09b, KMCH03, KB16, LCL+19, LRYJ17, LSDK11, LKF18, MFL18, OS06, RSK16, RACA18, RLL+17, TZST14].
transferability [CLM+14a]. Transferring [KLW+18]. transfers [LB18, DPBK16, MWPVB12]. transform [BWR12, BW13, GHEB+18, NUPA19].
Transformation [BCL88, GHGP19, HQZH14, LSL+16, MK95, RM97, SR19].
transformations [CJXX19, DV03, DGA18, LTZ15, SSFFR19, UM02]. transformed [SC19]. transformed-domain-based [SC19]. Transformer [YYW+09].
Transforming [PSK+10]. transient [AM18, BDHK06, EA13]. TRANSIMS [RN01]. transit [AHP16]. transition [GBY16, LXM+18]. transitional [KRZ12].
transitions [DCK03, Fre94, KL05, PM14]. Translation [AMA86, ABF+15a, Mur86, Nag86b, NTN86, Nilt86, Sim86, UCH86].
Transmission [KESL17, YZZC19, BWR12, HMA+18a, JHPS03, KY85, PZA18, PMWX17, SKF+09, VS04, YWL+17].
transmissions [HSP+13]. transmit [HJK+04]. transonic [GL95]. Transparent [MSI+12, CWD+08, DW11, GTM17, KKJJ10, MGLPJP13, ZWW+13, vKvWD+13]. transplanting [XKJ+18].
Transport [HDC+94, AS02, CM99, JHL+06, MKH06].
Transportation
[GCD+18, LNL19, NWL17, RN04].
transporting [CHJS+10]. transputer
[CFG93, Dui89, LSF+94, MSLP93, mM95].
transputer-based [mM95].
trapezoidization [LD04]. Trapper [SSKF95].
travel [Van87b, vdR87l]. Traveling
[SM01, VAS95]. travellers [NWD+18].
treatment [Bo19, GP11, Mae89]. Tree
[LM97, BWR12, BW13, CD16, CH10, CLY14,
GOB16, HLL18, HHXL13, KMI11, LRMS19,
LLZ07, SHLB08, TWW+18, WWQ+18,
ZQZZ09, HCNT14, KK11, CXL18].
Tree-based [LM97]. Tree-Rule [HCNT14].
tree-verified [HHXL13]. Treecode [Pri95].
Trees
[RSRV88, AW97, CLR16, CY12, CFL+18,
EBCP18, Luk89, PMK18, SLO+05b, WLB00].
tremor [AA+18]. trend [PLA18].
trending [HO17, HAM18]. Trends
[Her91, Sas85, WG91, AVPV17, AMB03,
Ano87m, Baj9b, CGLMG+18, CRM05,
GMS09, GMP+18, HPP+18, KLM+18,
Nag86b, TKR+15, VB18, Wils84]. Tri
trial [BRL19, KMC03]. triangles
[BRR+04]. triangular [vdS04].
triangulation [XSM04]. Trident [SB11].
tridiagonal [BG05, HM98]. triggered
[KID+16]. trip [LSV+18, MG11]. triple
[ZZZ17]. triple-way [ZZZ17]. triplet
[Tul04]. TRIPOD [Pip10]. Triva [SN01].
Trojan [CLK11]. trolleys [MOFP18].
tropical [VBS09]. trouble [XXZ+18].
troubleshooting [Tak89a]. trucks
[PWP+18]. TrueID [HCL+17]. truly
[HN05]. TruSMS [CZYK15]. Trust
[AWYJ16, ABTA18, ECP14, SS17,
WCVL12, YDNY16, AGR19, ACL+18,
AHJF97, AM010, CYH15, DSS07,
FMR18, GVdml]15, JW14, KZ+18,
LII+19a, MML+18, MG16, MPR+16,
NV11, NJ16, SYF19, SCL14, SRKS18,
TDLC17, TAHS14, TY11, TQL+19, WW11,
ZYK17, ZZF18, ZSS+18, TY11].
trust-aware [AGR19, MPR+16].
trust-based [MML+18]. trust-driven
[NJ16]. trustable [CCCT14]. Trusted
[BCP18, Po19, SK79, XZ11, CW16,
CLM00, DCL00, ED19, HLNM11, JW14,
KuRAk+18, KFO0, NV11, WW11, ZZZ+10,
ZZQ+13]. Trusting [Lee12].
Trustworthiness [ABTA18, SZ12,
CFG16, HSH+07, LHX+18, SS17, ZG18].
Trustworthy
[DLMS15, YLTV15, CYYK15, ZWGC19].
truth [ZZZ+19]. truthfull [DWJM18].
Tsalis [RDSA18]. TTN [BB+99]. TTPs
[Pol99]. tube [Hvas04]. tubulin [Tu04].
tumor [ASYF18, YP19]. tumour
[KMB+17, SUD+98]. tunable [NUPA19].
tunable-Q [NUPA19]. tuner
[vW19, vW19]. Tuning [JLRS18, CQW+19,
EBC18, FMS08b, LCL+18, RJ+14, Tao10,
TCCC11, VWC05, WLH16]. tuple [BR18].
Turbo [XR18]. turbulence [NEJP94].
turbulent [GL95, Kni89, VWCV94].
Turing [DDL01]. Turing-like [DDL01].
turnaround [CRTN17]. TV [LCH+11].
tweets [DFG+19]. Twitter4Azure
[GZWQ13].
Twitter
[BOHCC17, CWZ+17, LCGPC19, SCZ+19].
Two [AB95, D1+14, ED19, GJS+94,
GDAS18, JLI+13, KB9, Russ90b, TTB+13,
YG18, YDN16, AWN+13, BP02, CHS11,
CCD+10, CHY+18, DS04b, EMHE18, GS13,
HM98, LM90b, MTD18, PBHK01, PM14,
QZD+18, QPTG+12, SA07, Ser98, SJL+17,
TJ18, UMO2, WXX+17, WLS+18, YPK12,
YCH19, ZGV19, BBSV92, Mur86].
two-agent [WXX+17]. Two-dimensional
[GDAS18, BP02, DS04b, PM14, SJL+17,
YPCK12]. Two-factor [ED19, WLS+18].
two-layer [PBHK01, TJ18]. Two-level
[JL+13, Russ90b, CCD+10, CHY+18,
EMHE18, MTD18, QPTG+12].
Two-phase [Mur86]. two-processor
[Ser98]. two-stage [QZD+18]. two-tier
[SA07]. Two-way [YG18, HM98, YCH19].
twofold [LDJL19]. TXOP [HMW14].
type [BV04, Cie04, GGH+19, IS18, L090]. type-2
[IS18]. type-theoretic [Li90]. typed
[BM00]. types [SW17, YH18]. Typing
[Goo02].

u [Kim14]. u-healthcare [Kim14]. U.K.
[Ano84a]. U.S. [Ano84b, Smi86, WAD+89].
U.S.A. [Ano84c, BS84]. UASN [KKN18].
UAV [SGRT19]. Ubiquitous [ADALZ14,
YGS16, ADLW12, CFPC17, Lok12, OdI14,
Pal13, PPB16, VFHB14, WZC08, WQ14].
UCLP [JHL+06]. UCLP-enabled
[JHL+06]. UDP [CHJS+10, LBMS18]. UDT
[GGGH+05]. UHF [ABS+18]. UK [HT02].
ultra [LRJ+06, PDW+11, VBL09].
ultra-fast [VBL09]. ultra-high-definition
[LRJ+06]. ultra-high-resolution
[PDW+11]. ultrasound [DNW+19].
uncanny [CPMG19]. Uncertain
[BN17, CA+18, CML14b, L17].
uncertainty [Ano86a, CVT19, CAPG18,
DM12, FZT+18, FB93, Kol18, LPBB+18,
SPM86, TM05, ZMS+06]. uncompresssed
[BD18, HKU+11, SKF+09]. uncorrelated
[MSM+18b]. Under-fitting [MK19].
undergraduates [BLB03]. understand
[Eng14]. Understanding
[CRE01, LG16a, SEMJ11, Ano85g, DM12,
LM2+14, NJ18, SJTG07]. underutilized
[KHG13]. underwater
[CJG+18, LSZ+16, LLU+18]. understanding
[Kom89a]. undo [LHCC18]. unexpected
[SCB04]. Unfolding
[DFLO17, DCK03, SSLF+10].
unforgeability [SCZ+14]. Unicode
Unicorn [XZW+19]. unification
[BBH18, FLN+18]. Unified [MWMA10,
XZW+19, DJ13, HIA18a, HNQ+18,
OFO+99, RSA18, dOWdAS+18, WG13].
uniform [AS99, BMS05, CJ14, KLC05,
LOK09, MZD+16, Van92, ZCLW18].

Unifying [XFTZ16, VP94]. Unikernel
[WMJW18]. union [HXWW18, OB19]. unit
[MCSA18, PAB+14]. United [Wii84].
Universal [RACA18, ADKS06, Bur02].
Universität [Bun03]. University
[Ano86a, Ano87b, Ano87c, Ano87l, BLB03,
CN98, HICAFM+06, SR03]. UNIX
[AGP+92, Ber98]. Unobtrusive [AKM18].
unpredictability [YZW+18].
unpredictability-based [YZW+18].
unpredictable [ACBM15]. unresectable
[ZZM+19]. Unsharp [BU18]. Unsteady
[ HvHAS04]. Unstructured
[LF95a, AR15, CH95, WW13, vdS04].
unsupervised [FGM11]. unsymmetric
[SG04]. untraceability [YHL16].
unwanted [ZYS+17]. UOV [YN18].
up-to-date [Din99]. UPC [EGCY+06].
Update [GS95, FS18, LTYC+18,
PWMX17, ZCL+18, WJ04].
Update-Based [GS95]. updates
[Koll8, LPY+18]. Updating
[QCYJ17, LYL+19, WCM+19, ZDW+18].
Upgrading [WWC+97]. Uploading
[CSQL+17]. upon [PLA18]. upstream
[WL10]. Urban
[KXS+16, BA17, GACM17, LSV+18,
SSF19, SAG19, Tur18]. Urgent
[BKB18b, BBW+18, KN1+18, KK5+18a,
LPK17, LPK18]. USA [vdR86b]. usability
[APRC16, GMB+05, GM18]. Usage
[CDL+16, EH10, FD02, JOPW14, MM10,
MWMA10, PGPW09, RGAT18]. USB
[CLK11]. USB-based [CLK11]. Use
[CTM06, MCR+16, Niw99, Pip10, AR18,
BSE+13, BKL01, CGCB+12, HHSW92,
JSK+06, JNPP06, Jom90, KMZJ16, LN04,
MJ00, Sol98, VHL11, VFHB14, VM03,
WAA19, vdPGZ+16]. used [KMU19].
USEE [MZD+16]. useful [CN08]. User
[AKB18b, Gra92, LWW+19, PZ14, SZK18,
WZM+18, YHH+19, dNE05, vKvWD+13,
ABZK15, ACL+18, AMQS+19, APK+18,
AMB03, BvdV99, BFL99, BDW17,
CFGM16, CHS11, DDRR96, DLLZ17, DGGH11, DMM+18, DYC+18, DGdL15, EKGS14, FK11, FTK17, FTD17, GGH+19, HCL+17, JRJ+11, KZ+18, Kam85, KJI11, KID+16, KV09, KMK09, KBB+09, KGLV18, KLW+16, LZP+18, LJY10, LH13b, LHL03, LIW+12b, LLGY18, LASL16, LIX+18, MSK03, MLB+19, MLBS11, OAMS18, PLA18, PARFM14, PQBP17, PIP18a, PDW+11, QGT+18, RAA+18, RRH16, SBCF16, SSA+19, SRP19, SCN+14, Tak89b, WTC+14, WMQ+16, WSN18, WDKV19, WMA18, YAO14, YHL16, ZDL+13, ZLZ13, ZXZL18, ZCZ+18, dACNC16, GFR+06]. user-based [WMA18]. user-centred [AMB03]. user-centric [SZK18, ACL+18, DMM+18, DGdL15, PIP18a, QGT+18]. user-defined [KJI11]. user-generated [DGH11]. user-level [KMK09, MLBS11, ZLZ13]. user-orientated [ZDL+13]. user-oriented [BvdV09]. USERNET [KGLA85]. users [GCD+18, IG12, JBR+16, KT08, Lok12, OS92, SCZ+19, SCH+17, YD18]. uses [Ano86]. Using [AC92, AHdJF97, BB06, BCG05, CGM+07, CPW+18, Che13b, CdS015, CCH03, CS97, Dal03, DvhdHdL06, DBS14, Eng14, FDGR14, FR08, FMR18, GTE+18, GMdFPLC17, JGKP18, HPGM18, HGM15, HLS006, LLLC03, KGdL11, KKL11, KKA18, LTN10, LDS06, LFH+15, MRV92, OAMS18, PCC18, PGWP09, PBB+05, RMSPP17, RWW+13, Reu03b, RCM12, RV95, RS98, SK97, SA19, STC15, SSC04, SBLT05, VFHB14, ZBF14, tTvH96, vDDBB98, vdHDT+06, AD18, AAN+18, AFO+18, Ad114, ABD+19, AAC04, ATF11, AQAR+18, AEK+18, AHE+18, APK+18, ABB+03, ACE02, AIB+18, AKM18, AKW90b, AWK90a, ABL04, AEM10, AY16, BTG19, BA17, BDE17, BG12, BLL+19, Bal91a, BDP11a, BGI14, BYL+18, BvdHN+01, BRR+04, BBC+12, BKSS02, BRMN04, BG05, BMK+14b, Büc05a, BMP+16, BK06, CMX+16, CWD04, CSJn05, CWJD19, CSdCM+17, CHJS+10, CHSA18, CY12, CDPK05]. using [CH10, CFL+15, CLY14, CHS11, CWJ16, Che18, COC10, CXC+18, CJK+18, CGSZ95, CRC+19, CFG09, CSQSL17, DNJG17, DP19, DC18a, DMM14, DNP14, ECPF17b, FC05, FLT17, FZW+18, FJA+18, FC09, FJ18, FZT+18, FAMA+17, FPFS10, FCD+14, GQLX18, GHGP19, GJG19, GHP+18, GHEB+18, GBY16, Gil04, GVA+16, GCV+14, GXD+09, GD93b, GGH+03, GGSZ09, GM11, GR5+19, GM19, GzwQ13, Ham19, HWS07, Han03, HSV+17, HUMA18, HCNT14, HBB09, HSB+18, HMA18b, HNO+18, HQ07, HWZL08, HXY13, HBN+13, HZLH19, HAB+06, HKP10, IDM+16, Id010, JFD09, JGB18, JP18, JH16, JHC18, JL14, JNR12, JDS19, KZLK06, KHG13, KMB+17, KLM+03, KMI11, KKKY04, KKP+05, KKL09b, KADJ14, KHO+19, KBDL18, KVHT10, KCH+13, KLW+18, KS18d, KS18c, KLW+16, LC17, LCP04, LQK+16, LY17, LY18a, LYY10, LZXW13, LXL+17, LJJ18, LLWW18, LD17, LHH13]. using [LOJ+07, LLCF11, Lin18, LLWN04, LYT+05, LAH10, LSD11, LLGY18, LLZ+18b, LYW+16, LLU+18, LKTC14, Luk89, LWJ+19, LT25, LLL15, MWL18a, MSS+13, MJM+16, MK17, MCS00, MB18, MVG18, MJ18, MDB+16a, Mat18, MSBA16, MRH17, MC04, MKM11, MDD15, MGA+18, MLPPJ13, MSM+18b, MRN19, NXY09, NS84, NK18, NNC+19, NCS04, NUPA19, OMD+18, PSLZ18, PC18a, PA01a, Pap05, PPS18, Pon19, Pri05, PRW14, PDDS10, QGX18, QT+18, RdSH+00, RBGA18, RJN+19, RLP12, RTHB17, RSK16, RS16, RGC+10, RKB18, RCD03, RS17b, SCL18, SPT+18, SC19, SSK+08, S298, SF19, SAGGB17, SPdSR+17, SMRM13, SH99, ST11, SW05, SVC+07,
SLK17, SSA+19, SMS14a, SPR+10, SGM11, SB18, SKS+18, SAR18b, SSL13, SF06, SCMS12, SKS17, SJV12, SSB13, TBS+18, TZQ18, TF17, TKA18b, TV16, TSB18, TCH19, VDPHS09, VS13, VSKS19]. using [VBL09, WLZ+14, WMX+17, WCB+18, WCM+19, WNR19, WBKL16, WDD07, WBF08, WLA18a, WCC14, WTS14, WLS+18, WRL18, Xia06, XLZ+14, XSM04, YJA03, YWJ+18, YD05, YLG+16, YSL19, YCZJ18, YWF+10, YK17, ZG19, ZMS+06, ZGZ+10, ZLZ13, ZWL+16, ZWW+18, ZGV19, ZZYJ16, ZAC+18, ZSS+19, ZIn18, dFPFG19, vWMBS14, vDV89a, vDS04]. utilisation [EPJ+05]. Utility [Pal16, PdAF12, BB12, BYV+09, FP13, HIA18a, MSLP93, MPR+16, NK17, RZ16, VDPHS09, Ven90, Xu15, YVCB10, YK17, ZL17a, GBS10, KLM+03]. utility-based [Ven09]. Utility-driven [PdAF12]. utilization [DFC+08, GXL+18, LLC+14b, MDB+18a, NF07, RSJ+14, TCH19]. Utilizing [GVI13, CGL+18a, HFM19, KTY03]. Utrecht [Bls96].

KSW+13, KHO+19, LYS12, LYXT14, MYK16, PSSP16, SKF+11, WWC+97, YARH18. video-on-demand [WWC+97].

videoconferencing [SWCP03]. videos [HWWT12, KY04, SLTK19].

videostreaming [HWWT12, KY04, SLTK19].

videoconferencing [SWCP03]. videos [HWWT12, KY04, SLTK19].

VIGO [ACC+05a]. violation [HHS+18, XWL+18, ZAC+18]. violations [ENC+12, NJH+18]. Viper [WPNG+18].

Virtual [BDF+99, BKS98, BCF+10, CCBR98, CFVP12, CT09, CHK98, DBdL03, DGS09, DFG+00, DK17, Dzw97, Kaa98, Kaa99, KTY03, KGX95, LYY+17, LPBB+18, MSR98, MG10, PBM95, Ron00, SSFFR19, SOR05, SM01b, SBP+17, ZLL+16, Zin00, ACC+05a, AKB+01, ASTEP98, ADA+19, AFB+15a, ALM+10, AAM+16, AS14, BJ12, BGH+03, BBSV92, BLRS98, BFC02, CGN18, CRM+16, CM01, CRC13, dCCDFdO15, CN98, DJZ+15, DDS+09, DBA98, DEG+17, DQLW15, DCMW17, Dua94, EGAQ09, GV13, GRP04, GCC+14, GFGB03, GGH+19, HMH17, HZZ+14, HHJ+06, HSC15, HZ+16, JNR12, JDW+14, JSS+99, KSSG16, KTNN11, KCS14, Lee04, LJS17, Li10, LLJW13, LYY18, LFL+18a, LLWW18, LLY10, LJJ12, LSYC18, LC13, DPBK16, Man15, Mar99a, MSK03, MFG+14, MROD10, NWT19, PADDD03, PFPJ18, PSG+06, Pon19, PHM+99, Ram95, RL98, RMM+98, RJH+09, RMHM17].

virtual [SS13, SB14, SDWS13, Sch98, SLHJ13, SMSF18, SAK+10, SUD+98, SYAL13, SLA+16, SLZ+18, TMMVL12, TDG+06, UZ11, VVB13b, WQG15, WTM+17, XJWJ15, WX+17, YLHJ14, YPLZ17, YWH+10, ZYZ+18, ZCS+16, ZWHC17, ZHHC17, ZFY18, ZZZ17, ZZZ+10, vVDBB98, EV98, HLC16, LWW+13, SB99]. virtual-to-physical [ABF+15a].

virtualization [FJJK17, KKB14, LLW+12a, LCL14, MG19, MSI+12, SVN+10a, SWW+18, VOS12, WCC+16, YCL+19, ZLZ13, MCJ19].

Virtualized [BB17, ACC+05a, ASB18, BJJL08, BDdM11, BBC+12, CP17, FNCR11, GKW+12, GBF+12, GSP+17, JLI+13, JK17, LC13, PLL+15, TT+13]. virus [LFL+17].


Visualization [GLW99, GLS99, LJR+06, MJ98, Pag99, YDK11, LRT+09, DMP98, EWS99, EdBG+99, HAB+06, IdLR01, LGH97, LJP05, MID16, NOF18, OPO13, PSG+06, PK08, PdLS+99, RvdSB+03, RJH+09, Rmn99, SBSdL06, SHN10, Sch00, SUD+98, TWC+06, Tka05, Wts99, WCKW10, ZCW+04, dKdOS03].

visualizations [Gra15]. Visualizing [BAPS14, CTF+99, Dko00, GRMSOG18, SW99, BGC+03, DIK+06, DkD10]. vital [HCC+18, KXBA18]. vitality [LFL+17].

vitro [KAR01, SUD+98]. ViVa [Hol+03]. vivo [Kar01, WXZ+18a]. Vizier [OFO+99].

VLADYMIR [LC04]. VLAM [BGH+03, HBJ+03]. VLAM-G [BGH+03, HBJ+03]. VLB [CHJS+10, WWD+14]. VLB1_UDP [CHJS+10]. vlibGRID [HJPS03]. VLSI [BS84, KA88, OBK88, Sas85, TR85, VS88]. VM [AB16, CJHH13, CFF14, FCY18, HZW+16, JFZL17, KSF+13, MYW+19, STMV18, WLA18a, YLQ14, YLL18, ZZJ17]. VM-scaling [AB16]. VMI [LLF+18a]. VMM [AD18]. VMP [JNR12]. VMs [KMT+14]. VMSLab [GRP04].
VMSLab-G [GRPL04], vocabulary [LYXT14], vocal [AHMS18]. VoD [LJY12]. VoIP [Che13a, YCX05], volatile [CCL11]. volatility [Lin18], voltage [LG16b, WZW19]. volume [Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92i, Ano93a, Ano93i, Ano94a, Ano94g, Ano95a, Ano95b, Ano98a, Ano98c, Ano93a, Ano93i, Ano94b, WHMO13].

WAM-based [CY88]. VTK/CAVE T M [WKF03]. VTK [WKF03]. VRML [YDK18]. VRML-enhanced [AV00]. Volumes [Ano94b, WHMO13]. volunteer [ALFR16, CGCB]. voles [Ano95h, Ano98a, Ano98c, Ano03a, Ano03i, Ano93a, Ano92a, Ano92b, Ano92h, Ano92i, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92i, Ano93a, Ano93i, Ano94a, Ano94g, Ano95a, Ano95b, Ano98a, Ano98c, Ano93a, Ano93i, Ano94b, WHMO13].


text has been removed due to the nature of the task.
weekly [MHW+16]. Weibo
[MNC+18, WRCC17, WNR19]. weight
[AKB+18a, Eng14, LTC12]. weighted
[BRL19, LFVW05, LSL18, LJW+19,
PBL+18, T1J8, YPCK12, YZ12, YL16,
RCM17]. weighted-fair-queueing [YZ12].
Welcome [vdR85]. Wesley
[Zem86, vdR87g]. WFQ [YZ12]. whale
[ABMESM18], wheelchair [SLTK19].
Where [MGR11]. Wherrett [vdR87e].
while [BKY18, LLW+12b]. white
[ZZW+18], white-box [ZZW+18a].
whiteboard [FP03]. whitelists [HLN11].
whole [CMX+16, CC00]. whole-exome
[CMX+16]. whole-program [CC00]. Wi
[AKM18, DCBF19, SLS10]. Wi-Fi
[AKM18, DCBF19, SLS10]. Wide
[Opp00, OS01, AL14, BBI13, GGH+06,
GGSZ09, GG10, LCBF13, LRJ+06,
LW3C07, RRS99, VBL09, ZGV19].
Wide-area [OS01, AL14, GGH+06,
LCBF13, LRJ+06, VBL09]. WiFi
[AMRM18, NS10]. WiFi-based [NS10].
Wiki [LG16a]. Wiki-Health [LG16a].
Wikipedia [BAPS14]. wildfire [JNLH18].
wildland [ACML05]. Wiley
[Ano87c, vdR87a, vdR87d]. Wilson
[vdR87g]. WiMAX [SLS10].
WiMAX/heterogeneous [SLS10]. Wind
[SMC18, YGY+19]. window [YL16].
windows [AQ5B15, RJN+19, FPX+09].
wings [GTCZG+18]. wire [BKY18].
Wireless [SYJ+19b, AS18b, PC17, SMS16,
TKA18b, WWTF18, APK+18, AIB+18,
BLAN+16, CZY+18, CJ14, CZM+18, FG18,
FJJ+18, GBKJ18, GLXF17, GZL+18,
HKA+18, HMW14, HDI+18, IASK14,
KMU19, KLW+16, LC17, LBYL08, LLQS14,
LW18a, LCZR12, LZG12, LHBC16,
LZY+16, MYK16, MK04, NS10, PSVL02,
PNZ14, QGX18, SJ14, SCY+18, SCS+18,
TSD18, WDJC18, WCVW18, WLS+18,
WXG+19, XZ14b, YHL+19, ZBL+14,
ZZLH18, ZWJ+18, AS18a]. wise
[LHCC18, XTL+19]. within
[AJY15b, BBD+99, DMPP16, EP12,
EBCP18, MZP+19, MT17, PO00, Pag99,
PA01b, ZDL+13]. without
[CYH04, DH16, GOR02, LY17]. WK
[VS90]. WK-recursive [VS90]. WLAN
[MYBMM18]. WOA [HEES19]. WoBinGO
[ISS+15]. WonderSpace [NMA00]. Work
[JOI11, TF17, FP13, Hen87]. workbench
[SB11, dRSBH94, Wes99]. worker
[Bal91a, LC14]. Workflow
[AL18, AM17, BGK+05, FPX+09, GKW+12,
HMS15, MJM+16, MSE19, NHG06, SV16,
WCC+09, ANE13, AKC+17, AB18a,
ALK15, ABP16, CHC+17, CDS8515, CLR18,
CBK+17, CGS18, CS09, DGST09, DYZ+15,
DMMM11, DNP14, EHT10, FK11, GHY+18,
GGC17, GJ15, GGW+09, GMEL08,
GRCP+17, HHD+12, HB09, HZP+14,
HHW11, JB17, KKS08, KMD07a, KVHT10,
KTM+08, LW07, LS05, LYG+16,
LLCF11, LSH+11, MSS+13, MJDN15,
MBZL09, NF13, OD+13, PAC+17, RRB10,
RB12, RLR13, RB18, SD06, SLC+17,
SB11, SGG18, Slp12, SIL+13, SV15, SDC11,
SCBK+16, SLL+18, TMM+13, TKK+14,
WYBS11, WHP09, WNT+16, XWL+18,
ZW11, ZME+15, ZBP09, ZLR+15, ZSS+19,
dSGD13, dSFP+17, AKM05].
Workflows-and-Platform [SV16].
Workflow-based
[NHG06, WCC+09, LSH+11, MSS+13]. workflow-oriented [SL+18]. Workflows
[DGST09, LPV+16, MG11, AHP16,
AHP+18, ABG17, AB17, AB18c,
AGMT17, Bal16, BBD16, BKMM11,
CLRL17, CMX+16, CTR+17, CBBC+17,
dCCF015, DGS09, DGR+15, DM12,
GAB+14, GP09, HMM18, HJ14, JTS13,
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