Title word cross-reference

\((L, \alpha)\) [SLW11], 10 [ABB+03], 16 [Goo01]. 2
[AKB18b, CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]. 3
[AKB18b, Bro19, CPD+15, CH95, DJH+19, EMB98, EdBG+99, GWW+19, 1dLR01, JHL+06, KCK04, Kn189, KA88, MJ98, MJ06, RICW00, SGL99, SHN10, VF18, WKF03, XYZ05, XJY+18, YM000]. 4
[Avg00, DMM+99]. \$47.50 [Teb86]. 5
[AT19a, DPK+19, NLS19, YYS+19]. 80/20
[MRH17]. + [PYH+18]. 2
[LG08, OSCY93, WWT+16, ZY04]. 3
[LHM14]. \([n]\) [DCS09]. 3 [TMDZ15]. B
[WCWC19], c [Bu18, LSP+16]. D
[PP06, SW02]. \([D]\) [DRS04]. \(\text{diam} \log(\text{diam})\)

[SW02]. \(\ell_1\) [Tre03], \(\epsilon\) [GPS13], \(K\)
[SLZ+19b, PLL+18, ZLT+19, ZZ14, CCJ16, MLW+18a, PSLZ18, Pan95b, SAKOK03, STA17a, TDBR18]. \(\lambda\) [LJY04].
\(M\) [YH18], \(\text{AVI}/\text{SP}\) [BGC+03], \(\mu\) [JD94].
\(N\) [Ref87, RW18, SvAS01, ZXM+19,
CFL+18, Pan95b, SAKOK03]. \(Q\) [PLL+18].
\(R\) [CPK05], \(R^2\) [TY11], \(T^2K^2\) [TDBR18].
\(T^2K^2D^2\) [TDBR18]. \(\tau\) [RGDML16]. \(u\)
[HZM14].

* [Vin16]. *AIDA [WM14].

-\text{anonymity} [ZLT+19]. -\text{ary}
[Pan95b, SAKOK03]. -\text{aware} [LWS+12].
-\text{based} [YZ12, TMDZ15]. -\text{body} [SvAS01].
-\text{constraint} [GPS13]. -\text{core}
[PSLZ18, PLL+18]. -\text{cube} [Pan95b]. -\text{cubes}
activity-travel [BAKBI9, ActOn [XCGD10]. Activity-based [BAKBI9].

Activity [BAKBI9, LTC+19, TCCW19, BDE17, CHWW13, CXXL18, GMP+17, HUMA18, HLT+18, HMMAW19, KPKP19, MSS+13, OCW14, dSGD13, GMP+17]. Activity-aaService [GMP+17].

Accurate [CSS19]. activity-based [NRC17]. Accessible [ARSM16]. AdaBoost [LSL+14]. ADAMAS [RM16]. Adaptability [HRVW18, MO14]. adaptable [GL04b, MSE19, PMLVLS+13]. adaptation [AKM18, CLNR18, FTDD17, FA11b, PWB+13, PSBB15, Reu30a, SJ18, SGH+08]. adaptations [Kyr19]. adapted [JLU03]. adapter [LZL+16]. Adaptation [AG05, RP+10, SJVJ2, EKSDN19, JLR18]. Adaption [SLN+09, FM01]. Adaptive [ABA06a, ABF93, AS14, BML18, CJG+18, DBP19, DP17, EP12, FN00, GRH05, INa19, ICDJ11, JGB19, LPV19, LZY+19a, LJ17a, MCJ19, MB13, MDR+18b, MY16, NP03, PIP18a, QPTGG+12, RT16, SVK19, TPBS14, UGBM+17, WLA18a, YMD+13, ABo09, AS02, AEME+18, BMRW01, CZT+15, CXXL18, CST92, CPD+15, CFCM19, CLLB18, CS05, CXX+18, Cho04, CB10, DZ04, DST10, DFG+19, DDD18, DFRW17, DHL18, DLS+12, ESW+17, EKGS14, FTH16, HGG+14, HAP15, HWZL08, HXC+18, HJK+09, IJL12, JNR12, JSZ+19, KKB14, KJI11, KSAOK03, KSAOK08, KKK10b, KSI8c, KU01, LKPC12, LBD+19, LH14, LSTV07, LSL+18, LW18b, LKJ17, LSG+19, MWCK19, MJRM16, MAA+19, NWE04, NDZ+18a,
NDZ+18b, NDZ+19, NQL13, PdAF12, PNZ14, PBP16, RWO+19, RSIR01, SMG18, SLW01, SYL18, TJZ+15, TSK03, VR05, WCF+15, WXZ+18b, XLL+14, XWRZ19, XJZ+19, YP12, YDD+18, adaptive [ZCK+15, ZTKX19, ZBL+14, ZAC+18, vWMS14]. Adaptively [YPCK12, CLH10, JDW+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]. Adjacent [GKS05, HHG05]. adjusting [Lea13, YYW+09]. adjustment [HPLL09, LNJ04, TJ18]. ADL [Bae14]. administration [MSLP93, SB19a]. administrator [HY09]. admissible [QPTG+12]. admission [Che13a, IS18, KLM+03, MWPVB12, SMA08]. adoption [CKR16, NZOJC+19]. ADSP [SVK19]. adult [WNR19]. adults [CAS+18]. Advance [CJ+18, DVB14, CKP+19, CFG+05, ET08, TCCC11]. Advanced [BRB19a, CSY18, DO15, GCPGGBS10, Gil85b, PPS+19, PPB16, PZY16, PZY17, SZGbC04, VLAC+13, ZZLR18, ADT03, ALL+18, Ben09, Cuz14, DFRW17, GHP+18, Hab05, KKL09a, Mam09, MLC+11, MVG+14, MFL18, NGH02, NGH03, RAAdRP19, RRH16, WdL16, YCH19, Ano84a, CMZ95, EGK+07, VOV17]. Advances [CLCY18, DPD14, FBS18, KGVW14, Pal16, TCG14, WQ14, ADLW12, BB12, CSC18, HMS15, KA13, MGL+18, YHA+19, ZCYZ18, vdR87b, vdR87a]. advancing [GD+18]. Advantages [SW17]. adversary [NAM+19]. Advertisements [Ano05e, AMHJ10]. Advertisements [BCM18, NK18]. advisor [CRTN17]. advisory [BDE17]. aerodynamic [BBC+99, LGK08]. aerosol [XAW+10]. Aerospace [LPC+95, MUR95, Pet89]. AES [FAM+18]. AFCET [Ano85a]. AFCET-Informatique [Ano85a]. affairs [LLW+18b]. affect [PKA19]. affect-related [PKA19]. affecting [DSM+19]. Affective [AW19, NPH19, XFM16, FGW+19, LCC19, LJ19a, NKB19, QLM+18, SA19]. affinities [HAF+16]. AFIRM [MDB+18b]. AFT [P18a]. after [BORM07]. Against [SCH+17, IDKI19, JL14, JCL+15, JSMG18, KIA17, KgRP19, NNC+19, QRW+18, WLYL11, XWRZ19]. Age [TBS+18, LZT+19]. Age-related [TBS+18]. agency [NTN86]. Agent [FR08, TA96, BDPI1a, Bar11, BMGLS17, CTT+08b, COC10, FCY18, GJKP18, GGS13, HB08, HKG+16, KMB+17, KVK+18, Kim14, KB16, LBD18, LJ17b, LLO3, LFY+19, MJ00, MFSV19, NWE04, PSA+09, SSG17, Sko19, WWX+17, WXZL11, WWZ18, WHCW19, ZMN19, FM08, GMa92, LWHS07, NMC05]. agent-based [BDP11a, BMGLS17, CTT+08b, FCY18, GGS13, HB08, HKG+16, KVK+18, LB18, MJ00, ZMN19, NMC05]. Agents [KSS11, AMH02, AB19c, ADH+16, CWD04, CSJN05, ESPP01, GWO03, HQ07, KRLR01, KFBBKD14, LCZR12, PVB+13, SB19a, Sch00, SMS14a, UTT00, VRGR16, YP12, BMS05, PVHTP19, WLBOO]. Aggregate [CFP+19, GLB+18, JSC+15, LLL+18, Wan19, YFY+13]. Aggregated [HIK+18, KYB+19, RGC+10, WWG19]. aggregated-task [WWG19]. aggregates [NCS04]. Aggregating [SB17b, HQ10]. aggregation [BMZ10, CLR16, CIK10, CXC+18, DLS+12, ECPF17b, FRZ19, KLP19, KV12, LCBF13, LLQS14, PwSS17, RBLvM14, TBA+18, WWDF18, ZGL19, ZZH+18]. aggregation-capable [PvSS17]. aggregator [LLQS14]. agile [LG18]. agility [FLR+16]. agility-oriented [FLR+16]. Aging [FPR18, DLS+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}, MJRM^{+16}, ODK^{+17}, PRS12, RZ16, YKL^{+07}.

**Agreement-based** [PB18]. **agreements** [BSCC06, LJW08]. **Agricultural** [ZL18, CZH^{+18}, HPZL18, LBJ^{+18}]

**agriculture** [APK^{+18}, BNJ16, BW19, KH89]. ahead [Eng14, WYBS11]. **AHP** [ABMMC18]. ai [Pud87, CES^{+19}, Fuc93, Lau92, MJK00, Oku92, Poh87, QLM^{+18}, TC92].

**AI-augmented** [CES^{+19}]. **AI-based** [Lau92]. **AI-enabled** [QLM^{+18}]. aid [ABM19]. Aided [drSBH94, GSC^{+19}, LYL15, MGA^{+18}, Sko19]. **AIEM** [QLM^{+18}]. **AIM** [TWG^{+19}]. **air** [LLN^{+18}, ZXW^{+18}]. **air-land** [LLN^{+18}].

**Airavata** [GRZ^{+19}]. airborne [HYS04]. aircraft [TYWZ18]. **airfoil** [BBL^{+05}, GKS05]. **Airport** [RdSH^{+00}]. **AIV** [AFPG91, AF^{+92}]. **AKL** [HJLP92].

al. [RLM18], Albatross [KBM^{+02}]. alert [NJKH13, SSB13]. **alerting** [MVI^{+18a}].

alerts [CPP16]. **algebra** [BFR05, BCG05, Dal03, DHD89, Igl07, JLRs18, Lop03, MKM11, PH94, WZ16, vdV89a]. **algebraic** [Che13b, MdOO^{+17}, SSC04]. **Algorithm** [ABF93, CT19b, GAA19, HMF^{+19}, JGB91, MPl^{+18}, SE19, TA18, TKA18b, VS^{+09}, Abo9a, ABMSEM18, AHEM17, AA18, ATF11, AIA^{+18b}, AS18a, AV16, Bag11, Baby19, BZMY10, BMT12, CT19a, CPD13j, CLRL17, Czy^{+18}, Czl^{+18a}, CLL18, CCL09, CJ14, Che18, CWJ^{+18a}, CGJS18, CCCC19, CHY^{+18}, CMZ^{+18}, CZL^{+18b}, DQWX19, DC19, DS04c, EAA16, ESFD06, EA17, FLT17, GKIz05, Ger02, sGbKS19, GPS^{+17}, HZC^{+08}, HPZL18, HLL18, HEES19, HHS98, HXWW18, HLL^{+17}, HM98, HBN^{+13}, HZLH19, HLZ18, IS18, ISS^{+15}, JGBF18, JM01, KHMB13, KB18, Kim18, KLP19, KKS18b, LC17, LPC04, LGK07, LlpC12, LYQ06, LCL^{+16}, LSZ^{+16}, LGY^{+16}, LJJ18, LZY^{+19b}, LZZ19, LZZ^{+19a}, LC15, LWH^{+18}, LJC^{+19}, LLIW04, LLZ07, LAH10, LZXG12, LWZ18, LLS18, LW18b, LD04, LYH^{+19}, LZWF19, MWL18a, MNV12, MHC14, MLC18b, Mar02, MP02, MZYA19, MAC^{+17}, MGA^{+18}, MAA^{+19}, MVS00, MFT^{+17}, MCSA18].

**algorithm** [MRN19, NP06, NPP12, NWL17, OVDV98, OB19, PC18a, Par04, PFK14, PRC^{+14}, QCY^{+19}, QMSG12, RGAT18, RS17a, RICW00, SR12, SGRT19, SOD18, SMS^{+19}, SPD^{+19}, SK04, Sc03, SNA08, SCK^{+00}, SO98, SYB07, SYAL13, SLB^{+17}, SJL^{+18}, TDFZ18, TLL^{+11}, TJZ^{+15}, TZZL18, TMT^{+07}, TWW^{+18}, TdPF^{+17}, VaDL12, VPT^{+15}, VAS95, VMN^{+18}, WYBS11, WCL^{+17b}, WIJ^{+17}, WDD18, WWZZ18, WNR19, WZ18, WLA17a, WLA18a, WCC14, WWZ18, WHC19, XY15, XRPT18, XHL^{+19}, YWCC18, YHL^{+19}, YZWG18, YSZW18, YP19, YDD^{+18}, ZRZL18, ZWL13, ZYCS19, ZBL^{+14}, ZRZ^{+14}, ZL18, Zin18, ST11, SMI01].

**Algorithmic** [CCG07, GTEL^{+18}, AB18a, hab05, WM14, Yos89]. **Algorithms** [ABMS05, EBO06, CCGMF18, DHD89, MJDN15, RGCC18, ANE13, ACWJ19, AT01, AMCH19, AGKZ18, AB16, ACD^{+19}, BP600, CLCMS^{+18}, CGM^{+18}, CFG93, CSQL17, Cuz14, DE03, DP03a, DQ07, DRNC09, Din09, Dog09, DMW04, DBT00, DDS00, ET08, ESPN17, EP13, FK12, FGM11, Fio06, FM10a, GRH05, GJS^{+94}, GODM98, GA06, GLJ19, HLV^{+97}, HKS18, HZO10, JS03, JS89, JOSD19, Kha12, KKP^{+05}, KGT15, KVHT10, LR01, LLC11, LCW^{+18}, LKG08, LC01, MCA^{+18}, Mér17, MVCC10, NAD^{+18}, SF19, SC16, SG13, ST99, TLYT05, VSD13, WLQ10, WWT^{+16}, WXJ^{+16}, XLW^{+17}, YJA03, YFY^{+13}, ZGV19, ZLG^{+14}, ZAC^{+18}, LOJ^{+07}]. **alias** [MWYC12]. **ALICE** [JCA^{+19}, PFP^{+17}].

**Aligning** [SBLW14]. **Alignment** [MFE^{+08}, CS05, KKVdB^{+17}, KSM^{+07a}, ...]
KSM+07b, Sch01, YD05]. all-by-all
[BORM07]. all-optical [Pal06]. all-to-all
[ZTKF17]. alleviate [DV13]. Alloc
[QMSG12]. allocate [LF+18a]. Allocating
[MDD15]. Allocation
[DFC+08, DXL+18, AOIS10, AJR+19,
AAQ+19, BAB12, BCDP12, dCCDFo15,
DVB14, DVD12, DEG+17, EMJ+13,
FDP17, FEPc18, GCZ+19, HM17,
HDLW13, HLL+17, HPLL08, IAL10, JSS+12,
JMAg19, KOT18, KPJ19, KKW+14, KA19,
LNN3, LPPk17, LPPk18, LL04c, LWD+14,
LLZ+18a, LTL19, LZX19, LSL+18,
NCS12, PSPP16, PaASM18, PPL+15,
QMSG12, QPTGG+12, SPD+19, SCMS12,
TTH15, TSBH11, VDPH09, Vau93,
WCW18, WY17, WCc+09, YBQ07, YCY10,
YSC+15, YLJL18, YC13, YW12, YMY+17,
ZGL+18, ZXZ18, ZB19, YYW+09].
allocations [SMS14b]. allowing [VRGR16].
amost [LD04]. along [DFLO17].
alternating [SMC18]. Alternative
[BDL06, DFT92]. Alvey [Ano84a].
Alzheimer
[NDZ+18a, NDZ+19, KKP+05, NDZ+18b].
Ambient [VKT+19, YGS16, CRC+19,
FKT14, MLGGb+17, NPH19, Od114, TF17,
VRGR16]. ambulance [KKS+18a]. AMD
[DRC+19]. ameboid [Len01]. America
[PKP19]. among
[ELy+09, GSY+17, HS19, LLF+18a,
SAGGB17, SCZ+19, VGD+19, dFPF19g].
amorphous [Ole07]. amount [PCB99].
amphibious [LLN+18]. AMPIC
[CCHW03]. amplified [SLDK03].
AMROBEA [MGY06]. Amsterdam
[vdR87c, vdr87e, Ano86i, Ano87b, Ano87c,
Ano87l, Bao87]. analgesic [WVA19].
Analyse [ACMM19, Bel16]. analyses
[ATdC+16, GCBM17, JHC10, OdO+13,
SBA+17]. Analysing [BDP11a, WTP+13].
Analysis [AM17, BBC+17, BHE+19,
BGC19b, CMEA+19, KVR15, KCH+13,
KKA18, Lii15, LRYJ17, MCA+18, MG16,
MCRB19, SAKOK03, SGY+07, SB11,
WTG+14, AAYL19, ASV+13, ASO2, AB18a,
ABB+03, AMR+19, AMW99, ABG17,
ASYF18, AMC19, ABK94, AGKZ18, ATX13,
AAS+19, AAI+19, AEME+18, Bag19,
BCT+07, BPP+07, BSR18, BBC+13, Bo19,
BPS+03, CSV+12, CA15a, CP06, CCRV13,
CFM17, CGIP14, CPE+17, Cha15, CHC+17,
CLL18b, CRYG18, Cho04, CDMR19,
DMC+19, DZH18, DCBF19, DMP19,
DMMG17, DMM+18, DNP+19, DLL01,
DMM14, DLZA18, ETR+13, FAA+18, Fah98,
Fer13, FNA12, Fio06, Gl07, GMHMX.10,
GAB+14, GL05, GHP+18, GLNT13, GBY16,
GRMSOG18, GPJC17, GRX19, sGbKS19,
GRS+19, HHL11, HNP05, HKM+06,
HPP+18, HAM18, HMP14, HZ+19, HLL12,
HJK+04, IPCa+16, JBC16, JAA09, JYZ+19,
JSS+99, KZLK06, K119, KPS18, KON06].
analysis
[KCV11, KV03, KU01, LCGC19, LSB+18,
LOR+18, LWW+18, LCH+18, LOK90,
LWR+19, LGMV02, ML15, MZH+17,
MPZ+19, MT17, MSA+19, MK19a, MHD18,
MEBA12, MMC+18, MSA+18a, MBL+19,
MOK06, MLZ+00, NJW+06, NKP16, NJ17,
NAM+19, OKF10, OMPSP+19, OCCK14,
PVN+12, PBL+18, PH07, DLS14, PTM+18,
PPS+18, Qn07, RNJ+19, RL98, RS16,
RAA+18, RLM18, RGCC18, SP18a,
SOR05, SOA17, SHN10, SVB+19, SG17,
SW1+13, SLS+09, SAG19, SK06, TSD18,
TBK+10, TLSC17, TBR+19, TKTG19,
TSG18, TBNF09, VCL+19, VBLS09,
VRI2, WJS+18, WDJC18, WXZ+18a,
WZH+19, WZY+19, WMA+19, WSS+09,
WL18, WCWC19, WBF08, WL18b,
WZ16, WWA19, WZL+19, XFTZ16, XL19,
Yam89, YPC12, YPJ19, YN18, ZZDM+18,
ZSX+15, ZWZ18, ZWNL18, ZM+19,
ZRR19, ZCZ+19, ZWJ04, ZWJ19b, ZXL14,
dACAM13, DJJ+13]. analysts [SOA17].
analytic [LJC+19, MMVP13]. Analytical
[JAA07, ZY04, CGBC16, GS13, JS13,
SSL13, SLS+09, SLZ95, TDFZ18, TOD17].

**application** [TMW+17, VTT17, VCI+19, WLYL11, WWD+14, WSL+19, WBF08, WHL+19, XLL+14, YSC+19, YZGW18, YY11, ZJW+14, dCRL+19, ABS11, BBC+09, FCD+14, MS01, YPF05].

**Application-aware** [RMDB18].

**application-based** [WWD+14].

**Application-layer** [ZJW+14].

**Application-level** [KKK+19, LBB+19, RPMG10, SRZD15, SEMJ11, SSL13, WLYL11].

**application-specific** [DR05, KANS18, WBF08]. **Applications** [Ano86i, CHK98, CSP98, DDM+08, KLM+05, MG+18, PN13, RC18, RC19, WHW17, ZLZR18, ZYA+18, dRSBH94, AHS+18, APAZ17, AOI+10, AW03, ALTG19, AB01, AUSA19, ACH+11, AKCY+17, ATJMZ02, ABS+18, AAS17, AHU+19, AHL11, AJY12, AD00, Ano87b, AB16, BMRW01, BBFW03, BGI+14, BKS+18, BC15, BC17, Ben99, BPS06, BDP13, BB06, BKSS02, BLAV06, BCW01, BCG05, BFK02, BFZ+03, BGK+05, Biu05b, CGN18, CGCB+12, CKV12, CTVB12, CVT19, CCLM+18, CPGB+16, CSc+17, Car03, CSW06, CRVZ15, CBK+01, CA15b, CMZ95, CCL11, CES+19, CXL+17, CW13a, CGL15, CGS17, CCHW03, CN98, CRM05, DQC+19, DZ08, DH02, DST10, DST14, DMG+08, DFG+00, DMM+18, DPL14, Dub91, EAS+18, EAED18, EMP98, EET18, EO86, EMJ+13, ECA+18, EKGS14, ETR+13, FG18, FTP14, FRM+18, FH1999, FS07].

**applications** [FFC12, Fri14, FM10b, FdSC07, FP+18, GVUR1V14, GBS10, GAW+18, GH019, GHW29, GHEB+18, GAJP18, GMD19, Gil85a, GKW+12, GMA07, GMB+05, GIM16, GIK18, GVD+03, GPS+17, HY09, HGG+14, HC17, HRSW99, HMF+19, HPGMM18, HKPT10, HXA+17, HHW11, HSC15, Hua05, Hua92, HMC06, Ig07, IDCI11, JOPW14, JP18, JLO18, JMAG19, JBP+18, KT08, KA09, KZL06, KMB16, KWK+18, KK19, KZ14, KC14, KST92, KS02, Kol18, KMK09, KM19, KB, KAS+18, KFK19, KKP00, KB09b, KKK17, KKK18, LB03, LC04, LIJW13, LMZ+14, LRYJ17, LTL19, LCL14, LZX1C12, LBB+19, LZHY19, LS08, Lu00, MNNM08, MBB10, MFN13, MWC+03, Mam09, MVRM08, MAJD18, MZC08, MZC10, ML08, MVT+99, MM08, MAD+16, MSM+18a, MTH+05, MDD15, MRL14, MFPF19, MLZ+00, MRML17, MVC+13, NF13, NAG18, NS10, NHG06].

**applications** [NLV+19, OS01, Pa06, Par94, PKY+17, PC17, PRL+19, PMPC13, PVTP19, PBH01, PA01b, Pro07, QCYJ17, RRS10, RBJ+13, RBS93, RCM+10, RVC+16b, dRDRR+18, dRDQR+18, RSJ+14, RBC+15, SB19b, SHN10, SHD08, SG05, SBAD+18, Ser95, SY04, SD06, SPR+10, SJ18, SNC18, SB17b, Sj12, SLS19, SSK13, Sle14, SL97, SPM86, SLJ+06, SG14, SSC04, SEW09, SK+08, SK19, SČJ+19, SSQ95, SVNI10b, TZQ18, TKA+18a, TKTG19, TVB18, TAHS14, TJLT00, TBB+17, TCBC18, TB18, TGM+19b, TSAER18, UKMK19, VC12, VETT16, VL19, VS18, VRS+19, WYBS11, WT+17, WJS+18, WY17, WS05, WL05, WCL12, WBKL16, WOPW13, WG13, WRT+16, WHYZ17, WPS+18, XLYL18, XLZ18, XLL+19b, YZC+19, YHJC05, YNMS12, YFY+13, YWCC18, YJHZ14, YLC+06, YLY+16, ZME+15, ZZ15, ZCK+15, ZCS+16, ZBB09, ZS18, ZBF14, dSF+17, dFPPG19, dKdO03].

**applications** [vdR87c, vdR87d].

**applicative** [OBK88].

**applied** [DDJ+13, KGO1, MGMT18, SSFR19, Szu98, WAE06, ZPPE17]. **Applying** [CFVP03, UB07, ACM05, KNT+18, MSE19, NWE04, OCDA07]. **Appraisal** [Tic93, vdR93b]. **Approach**
[RCOP+11, SA07, SZC05, SSS02, SGKC10, SP18b, SD03, SHJ06, TSTD16, TJLT00, UKK+19, VETT16, VDK12, VFHB14, WZW19b, WSH+16, WZ16, XWW19, YAJG+15, YS16, YCX05, ZMP10, GMEL08]. **Architecture-based** [ZLG+14].

**Architectures**

[DO15, HYZS16, HV84, Pf99, TKRA14, VDTK12, BFLl99, BSCC06, BFP18, BW95, BPC+14, BSG+05, CA15a, CDG+14, CG09, CGP14, CCL11, CPSRG14, Din91, DLH+17, DDB14, DM12, EBCP18, FCC12, GLL5b, GRCP+17, GLJ91, Her87, IS18, IGB+14, JPB17, JBA94, Kun94, LX13, Lop96, Lop93, MAC14, MCA+18, MSLP93, PSPPE16, Pal13, PMCC18, PPPSR18, RC18, RC19, SGdMM96, SCAC+19, SMBMT+18, TR85, UWV92, WBT05, ZMN99, dLB10, vM94]. **archive** [Fin99, GML99, ILJ+08]. **archives** [AMW99, HC99, SB99]. **archiving** [PCM99].

**Arden** [LM90b]. **Area**

[AS18a, PP10, AL14, GGH+06, GGSZ09, GG10, HLYW17, LCBF13, LRJ+06, LWSC07, NAGD18, OS01, PSVL02, RRS99, SCS+18, VBL09, ZGV19, vdR87]. **areas** [Hab05]. **arguing** [Sch00]. **Argument**

[SWCL95, Argumentation [DKKF18, OAMS18]. **ARIANE** [BPAP92]. **ARIANEXPERT** [BPAP92]. **Arigatoni** [CCL08]. **arithmetic** [FGG03]. **ARM** [OBG+18, RRP+14, SGN+17]. **ARM-based** [OBG+18, RRP+14]. **Armada** [OK02]. **ARMCO** [PPB16]. **ARMOR** [MML+18]. **arms** [Poh87]. **Arranging** [Leo98, GvdBdL15]. **Array**

[CCKW88, VV92, Mur88, Pan95a, PHL98, WHZL10, CSV+19]. **arrays** [Dui89, EFD00, Van92]. **arrhythmia** [MdMMNS+19, SD18]. **arrhythmias** [AFO+18]. **arrival** [MRN19, WMLS14]. **ARS** [TSK03]. **art** [CszZG+13, LCC19, SJV+15, Vav87b, VLC03, dTVTC18]. **artificial** [DIK+06]. **arthritis** [YTQ19]. **arthroscopic** [Bo19, WWSM98]. **artifact** [KYZ19]. **artifact-centric** [KYZ19].

**Artificial**

[All92, Ano84e, Kow85, LFY+19, Sch85, SLS+19, vdR87a, Ano86l, BZMY10, Che18, CZL+18b, ED04, E086, GJKP18, HWXW18, How91, HZL18, JLV8, KRLR01, Kow84, KS18c, Lop96, MGA+18, Niw89, RBC+88, SMS+19, Wii84, XLYL+17, YZG18, ZZN04, vdR87b, Ano87b, Ano87c, GKT15, vdR87c]. **artistic** [UNM+16]. **Arts** [BHD09]. **ary** [Pan95b, SAKOK03]. as-a-Service [ACC+19b]. **ASA** [SCH+17]. **ASIP** [ABF+15a]. **Aspect** [MWQ+19, MZP+19]. **Aspect-based** [MWQ+19]. **aspect-level** [MZP+19]. **aspects** [AR18, BBvdB+11, BCPS03, CSL18, LLRS94, Lop03, MZP+19, MZC10, QCD16, RGH01, RLL20, RHR02, THKG98, TRFR01, WZ16, XWW19]. **ASPI** [LM90a]. **assemblies** [RSRA18]. **Assembly** [KM01]. **assess** [FFGP+19, Kim18]. **Assessing** [PRL+19, SG15, ZGS+13]. **Assessment** [FW19, PM04, vdPGZ+16, AB19a, ABGM19, AJ19, ACSV18, BBC+17, FJA+18, GAMC19, KH+18, LCGPC19, L7Z+19, MLZ+00, PRSR14, PB18, PKA19, YYS+19, ZL04b]. **Asset** [PLL19]. **assigning** [HCL+17]. **assignment** [AADO18, AAM+16, DLXR14, FGW+19, HYG+19, KMT14, LT12, LX17, LHC03, MC00, RS17a, RN01, THKG98, TRFR10, TdPF+17, VAdIP12, Var03, VT17, WZ+18]. **ASSIST** [Ueh89]. **assistance** [Ohy89, SOR05, ZAD+17, Tak89b, TD95]. **Assistant** [VKT+19, FGW+19, HIA+18b, KFF89, LCMX16, SNC18]. **assisted** [BDS+10, CCC19, FKT14, FFL+19, HMA+18a, HDSL13, JYZ+19, LZY+19a, LLC14a, LKG08, LNY+18, LYL+19, NDA+19, RSK16, TMB+19, VRS+19, WXLYL15, WXZ+18a, ZYZ+18, ZWQ+19, HLL+19, WLML17]. **assisting** [SGRT19]. **Assistive** [KPG19]. **association** [AVPV17, EBOY14, LHW+18, LWZ+19b, PGCM+19, RAKJ18, SA97, XL19, ZDW+18].
associative [GJ18, KZCW13].
Association [CC98, HMMW19, NSI84, SSZ+17, Ami90, CMP+17, WGL92].
Assurance [GSC11, LLW+12a, WWR16].
Astronomical [SB99, GML99, OFO+99].

astronomy
[HJPS03, LBM18, PCM99, SLJ+06].
astrophysical [RB93].
astrophysics [LKA+19, MGY06, BAD+05].
asymmetric [CRYG18].
asymptotically [CRK04].
Asynchronous [SM01b, AT01, CCL11, DOV01, ESFD06, MMR02, P+SS17, Pap05, WHCZ18].
asynchronously [SLG+17].
ASL [JLRS18, KVR15, KMCH03, Uch86].
atomic [ZWZ19].
atomicity [Bag91, B04].
atomicity
[WLF+09].
ATOP [SGH+08].
ATOP-Grid [SGH+08].
ATOS [Lau92].
ATREX [Tak89a].
attack [AQAR+18, BZHV19, CM17, DC18a, DCC13, JNHL18, KAW12, LSL+15, NZL+15, NAM+19, SPT+18, WLYL11, YWJ+18, ZCW19].
attacker
[PLGMCdF18].
Attacks
[JL14, IDKD19, KIAD17, KPS18, KdGP+19, NNC+19, OA17, QK19, SCH+17, SSB13, TA18, V13, ZJW+14].
attack
[SLZ95].
attention
[FJA+18].
attention-scoring
[FJA+18].
attestation
[GZW18, ECE+19].
attitudes
[RWY+18].
Attactor
[Am90, TZD+19].
Attribute
[CDL18, KH97, LAL+15, LHL15, LWL+18, Rao17, SH90, SYK+17, WLXZ18, CK10, FLT17, FRZ19, GB01, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCZ+14, VPP+19, XZP+19, XZT+19, YCT15, ZCL+18].
Attribute-Based
[LAL+15, LHL15, Rao17, CDL18, LWL+18, SYK+17, WLXZ18, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LYL15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCZ+14, VPP+19, XZP+19, XZT+19, YCT15, ZCL+18].
attributes
[BFS+17a, BFS+17b, VLP09].
attribute
[MII11, NAAC19].
Auction
[ZBL+14, IAL10, YLJL18, ZXZL18].
Auction-based
[ZBL+14].
audiences
[PHN99].
audio
[BDMO11, LYXT14, MSK03].
audiovisual
[VWD+08].
Auditable
[ED16].
Auditing
[SK97, BSCC06, LYY14, YNY14, YXA+16].
Auditory
[CPP+18, YXY].
augmentation
[AGKZ18, GBRM18].
augmented
[BB04, CES+19, KMY+15, LWZ+19, RMSPP17].
Augmenting
[HMZ18].
August
[Ano19m].
AUGUSTUS
[SLS+09].
Aura
[HHK18].
AusPlots
[TSTL16].
authenticated
[ODK+17, YZL+18, ZXW].
Authentication
[AMSPL19, ASO14, ABB19b, BDFP05, JLX+19, AMN18, AH+18, APK+18, AIM+19, Alp18, AKB+18, BDM+19, BLAN+16, CJKX19, CHS11, DEL19, ED19, FHZW18, GHD19, GAI+18, GLB+18, Ham19, HLC16, HPL+19, IOV+18, JKAU19, KV+18, KLW+16, KLI+17, LC17, LNK+18, LWK+18, LLM14, LH13b, LHL03, LYL15, LNY+18, LWF+17, MCN+18, MR00, PTH+18, PLGMCdF18, PCK19, SGGCR+16, SC+18, SYW17, VCD+18, Wans18, WDK19, WLS+18, YHL16, ZLY+19].
authenticators
[SYY+17].
Authenticity
[CBD+05].
Author
[Ano85b, Ano86a, Ano87d, Ano89a, Ano91a, Ano92a, Ano92b, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a].
authoring
[Tak05].
authoritative
[WMA18].
authorities
[HWW04].
Authorization
[GLvOT03, KWR+13, ABTF16, ACC+05b, BPC+14, CHC+17, CZH+18, CBPP18, DLLZ17, GXD+09, GVL15, GGM+09, HHD+12, LC05, LXZ+18, PBC+11, SBL18].
authorization-security
[ABTF16].
authors [AK18a]. authorship [AsRA+19].

Auto
[WLH16, DWS12, EPB18, KTTK17, LCL+18, LMA+19, RSY+18, TV16, dACNC16, vW19].

auto-encoder [LCL+18]. auto-scaling
[DWS12, EPB18, KTTK17, LMA+19, dACNC16].

auto-tuner [vW19].

autocorrelation [DH16].

dACNC16].

auto-tuner
[TA18, CBBdL16, RGAT18].

automate Automata-based
[TA18, CBBdL16, RGAT18]. automate
[TC92]. Automated
[AD18, AFO+18, Asu13, Bea03, CPP16, FM01, FTD17, GACM17, GGTRRC16, GMM18, KHO+19, LJ17a, LWJ+19a, NUPA19, PKI+18, RBGA18, RHKCI15, Si93, AAF18, CsZzG+13, COC10, GBRM18, GRS+19, Hua10, JBR+16, LJT+19, RSRA18, YPHZ14]. Automatic
[Büco05b, CMV18, HWWT12, Kom89b, LLN+18, MHA09, McdA16, Reu03a, Röb05, XZ14a, ZLZ13, ZSL+19b, ZH17, AdI14, AMM16, AC01, BBH18, Büco05a, DZLA19, Fau05, GMM18, HLZ+19, HNP05, HGH05, HNS05, MDM+19, SK04, SBLT05, TMDZ15]. Automatically
[CHSA18, BCF16].

Automating
[BJA+05, XLL+18a, MH01].

automation [ACPI19, DDV92, DVJ+15, JBC16, WBKL16, WTP+13].

automaton
[Ban02b, DLL01, LPY+18, SKT02].

Automobile
[Tak89a]. automotive
[LXT+19].

Autonomic
[AHU+19, Erd13, LG08, NLV+19, YVCB10, ASA+18, BJWZ08, ENC+12, FS07, FLPP05, GAJP18, HCZW17, IGB+14, MSBA16, MTD18, MAB+15, PVN+12, SMPC12, TTB+13, TCR+12, Vin16, ZYW+18]. Autonomous
[RYH+19, YKL+07, DP19, DBS14, FGW+19, PBV+13, SB19a, TCCC11, YP12].

Autopilot
[RSR01]. AUTOSAR
[KR19].

autoscaling
[ZTL+19]. Autostereoscopic
[PSG+06]. AutTrA
[KJI11]. AUV
[KKN18].

AUV-based [KKN18], auxiliary [Wan19].

Availability
[PN16, ASD12, CBV+07, CBD+05, KKK19, KFC+07, LSLS05, LVH08, LCH+18, RLP12, SML17, VVC+12, WMLL17]. available
[Din03, Fri14, GVI13, JSS+12, SB14].

Avatar
[GC00]. average
[AMC19, NJKF18, YK17]. average-case
[AMC19]. average-utility
[YK17]. avoid
[GL05]. Avoidance
[SSK+19, Ciu10b, DPK+19, NLS19, ZGL19].

AVS
[WKF03]. AVS/Express
[WKF03].

Aware
[ABTA18, BLO+18, JGB19, KIMR15, KV17, RMA+18, SV16, TKA18b, WLL+19b, WDW+19, AHEM17,AGR19, ADAAD12, ARS19, ADA+19, ALK15, AMR+19, ACCD17, AMT+12, AGA16, AB17, AB18c, ACSV18, AC18, AEME+18, BAB12, BPC+14, BCDP12, BRB+19b, BMK+14b, BCR+12, CCIP18, CCCT14, CHY+18, DWJM18, DPK+19, DKV14, DFG+19, DDD18, DSB19, DA18, DCF19, DCMW17, EMHE18, FG18, FKT14, GMM18, GG19, GHD19, GJ15, GD10, GS16b, GKK18, HQC+08, HY09, HGG+14, HNK08, HJC14, HSC15, HBN+13, JGBF18, JLG+17, JNR12, JLD+19, JEB18, KMB16, KSI18a, KANS18, KSF+13, KRD+19, KCS14, KKW+14, KB09a, KBB+16, KIC12, LTC12, LCL14a, LPK17, LPK18, LGY+16, LYY18, LJD19, LMG+19, LMG+26, Lok12, MCL+16, MHC14, MMV08, MBM18, MHZK18, MQL+19, MPR+16, MBA19, MPPF19, NKB19, NKS15, NSS+14]. aware
[NN16, Pal09, PP10, PC18a, PLZX19, RSR01, FPPJ18, PSR+07, PNZ14, PAB+14, PRC+14, PWV+19, Qur19, RMRSA19, RMDB18, SSG19, SC16, SHRE16, SDTA19, SCY+18, SMG18, SSS19, SRN+18, SK19, SCCS11, SCH+17, SSP17, SLY+19, SGL+19, AUV17, SSG+16, SGL19, KTL+19, KTL19, KTL+19].
TKR+15, TCCC11, TCR+12, UGBM+17, UDvDV+18, VNAMM19, VDK12, VPT+15, VGC+13, WKC+13, WWCI4, WCC+16, WLZ+16, WZZI6, WWQ+18, WCH+18, WSZC18, WZM+18, WYPI9, WS10, WZ13, WYH+17, WZS+18, XDH+17, XCZ+19, YIA17, YCX18, ZMTT16, ZL13, ZME+15, ZHIC17, ZGL+18, ZWS+12, ZSL+19a, ZSGJ19, ZQB+18, ZLH18, ZAC+18, ZFH+18, ZTD+18, dACAM13, CG09, KC14].

awareness [AL14, ABF+15b, GRTV10, LCL14, RR18, SHBP10, WSC+19, XFTZ16, ZRZR19].

AWS [GAMC19]. axisymmetric [CASW05, de 94].

B [Zem86, vdr87e, IEG04, WWT+16].


Backbones [Sch03]. Background [LXT+19, TWZP18, HCC+14, YPH14].

backhaul [WCW15]. Backplane [BBM+03]. backplanes [Mam09].

backpropagation [JJ89, RM97]. backup [PJD013, WZZ16]. Bacteria [VR12].

Bacterial [RC13]. bad [TWG+19, WBT+08]. bag [APAZ17, CLRL17, CA15b, GGS13, MVC+13, TVB18, WLO5, DFC+08].

bag-of-task [CLRL17, MVC+13, TVB18]. bag-of-tasks [APAZ17, CA15b, GGS13, WLO5]. balance [CW+16, DXL+18]. balanced [AS18a, CTR+17, CLLO9, CFH+19, DL03, DC19, SDTA19, WWT+16, YWCC18].

Balancing [GXL+18, LCZR12, MD12, OSSH96, dRSS97, AA18, ADOKM06, BCMR01, BM08, BL02, CSJN05, CY01, Cho04, HLW12, IS18, KRZ12, KNK+08, KMK18, LYM+09, LZX13, LN18, LYH+19, MM03, MKM11, PZA18, PGS+05, PRC+14, Qin07, SB97, SMG18, SJTN18, SMA08, SLH+19, TZL18, WCF+15, ZGB+17, ZMS+06, ZFC17, ZFC18].

balls [LGVM02]. band [SYCH18, VAdlP12, WGX+19]. bands [SLH+19]. Bandwidth [VS04, XDH+17, AHP16, AHP+18, CGL08, CALN03, KW16, NF07, PBK01, WLP10, WQ15]. Bandwidth-aware [XDH+17]. Bank [WY17, NUPA19, YW12]. banking [GPA00, KVvE18]. banks [ABCD00].

BANs [BLL+19]. barrier [Pan95b, SO98, WJ16]. barter [SM10].

bartering [GBRM18, ZA13]. Base [BMFC07, BBCN18, Nis93, ZY90, vdr87l, Cha15].

Based [GBY16, GSBD95, GGC18, HX+17, LAL+15, LHL15, ML17, RRKA19, Rao17, Sari18a, ST11, SCH+17, YG18, YTHY84, AD18, AO06, ABZK15, AMN18, ABMES18, ABMMC18, ABM19, ANA16, ADN16, AJV15a, AA18, ARP+19, AJ+19, APRC16, AKP+18, ANG+19, AMHO2, ACA04, AJ19, AAAQJ+18, ADAAD12, ADOKM06, ATJMZ02, AA17, AAB+19a, AAAQ+19, ARP14, AS04, AIA+18a, AIM+19, ATdC+16, ADH+16, AMW99, AK14, ACMM19, AMN18, AB+15a, SYJ+19b, ASAA18, AB95, AM+12, Ano86j, AKG+17, AB16, AMPZ16, AZO+19, ANO8, ACP19, BAJ+19, BDE19, BCC+17, BG12, Bae14, BRL19, BvdB+93, BKB11, BDP11, BMPS01, BP02, BAKB19, BARMB14, BFP18, BMFC07, BP01, BKG05, BDM+19, BGH+03, BBT19, BRH18, BBC+12, BKSS02, BM18, BW13, BRM04, BS09, Boa04, BT17, BGL17, BPAP92, Brm01, Bu18, BW19, BBCB+07, CT19a, CSV+12].

based [CMZ+12, CSC+05, CYLT05, CLRL17, CQW+19, CAC+10, CLZ18, CLL+18a, CPP+18, CD+07, CBK+01, CPD+15, CPE+17, CO03, CEGL01, CKK+04, CGH04, CFL+15, CLL18b, CXZC18, CMI+19, ...
CES+19, CTT+08b, CCS+10, CLL+14, CYZK15, CWJ16, CJG+18, CLH+18, CLR18, CRY+18, CZH+18, CZZ+18, CLC+19, CT19c, CYJ19, CZ19, CGZL19, CLS+19, CY90, CY88, CJ19, CMP+17, CWL+19, CS12, CB10, CGS18, CGSV17, CLK11, CFF14, CSC+92, CDL18, CMZ+18, CZL+18b, CWLZ19, CRWZ19, CRN17, CBBl16, DQC+19, DSS98, DZZ+15, DJZ+15, DCF19, DDD+19, DVVD02, DE03, DM+99, DMG+08, DCK03, DMP16, DS08, DJ16, DLTGMP16, DT93, DRNMC09, DV03, DR03, DA18, DMM11, DdM10, DLS+12, DNV+19, Dör05, DCC13, DKFKF18, DS04c, DZLA19, DK14, DNP14, EA16, EBOY14, ET08, EO86, EMJ+13, EGAQ09, EPI18, EA17, FTK+14, FG18, FH13, FHY15, FLT17. Based [FCY18, FJA+18, FSM+18a, FJJ+18, FMI18, FSP+18, GAF12, GHY+18, GAW+18, GHWZ94, GSC11, GDI+13, GA13, GSI12, GAJP18, GODM98, GS15, GCK18, GJF+12, GMC03, GdwOT03, GCGL18, GTL+19, GP17c, GB10, GPV+14, GP11, GBE00, Gra01, GMP+17, GIK18, GGM+09, GW003, GZ04, sGbKS19, GSR+19, GPVN19, GMS18, GSS13, Gut00, HAJ+19, HIA18a, HO17, HDKC18, Hal88, HH111, HKA+18, Ham19, HZC+08, HB08, HSM13, HPZL18, HZL18a, HLL18, HLLH+18, HZW+18, HLW12, HUY+19, HJA+19, HAP15, HD016, HAT19, HLYW17, HRC19, HNK018, HAF099, HAF00, HJS+99, HSBE19, HS98, HCH217, HHW+19, HBB09, HHK+16, Holo93, HYS04, HIA+18b, HZL18b, How91. Based [HLL+11, HMW14, HLC16, HDH+18, HZZ+18, HMMW+19, HPLL08, HZ10, HZM14, HYS17, HCW+18, HYS18, HXC+18, HYF18, HAA+16, HSS17, HKG+16, HHS+18, HMC06, IASK14, IMKB89, IS18, IOV+18, ISS+15, IdAP19, JLU03, JKAU19, JFD09, JCMPP+18, JGFB18, JGB19, JX+19, JCSS01, JH16, JHC18, JL14, JLQZ18, JFZL17, JSMG18, JLY+18, JTL+19, JLM+19, JCO9, JEB18, Jun18, KG01, KZA+18, KN1+18, KMB+17, KV+18, KKN18, KRD+19, KKB4, KFF89, KH19, KHM13, KOT18, KZA11, KKB+19, KA08, KRZ12, KID+16, KCK04, KIm18, KPJ19, KNN06, KKV+99, KX11, KXS+16, KLJS19, KB00, KARP14, KMK+14, KS17b, KCH+13, KB16, KLV+18, KIL+17, KLS05, KP18, KY04, LBD18, LCH+11, LLYW19, LA19, Lau92, Lee04, LKG07, LKKF09, LLPC12, LJ17a, LKCS18, LY18a, LCL+19, LJ17b, LBJ+18, Leo01, LJY10, LRW01, LB09, Li10, LK12, LZW13, LCL+16, LCL16. Based [LSZ+16, LYY+17, LZZ+17, LFL+17, LXL+17, LCW+18, LYY18, LOR+18, LDP+18, LWY+18a, LJ18, LNK+18, LWK+18, LZY+19b, LZZ19, LTMW19, LXR19, LL19, LZH+18, LZZ+19, LLL19a, LLW19a, LY90a, LM07, LSYC18, LHB95, LN18, LW08, LX15, LW+18, LNA19, LMK19, LKA+08, LJPS05, LLZ07, LSH+11, LLJ+11, LWX13, LC13, LLS+14, LW14, LYL15, LCX16, LWL+18, LDS+18, LSL+18, LMX+18, LWYS18, LCH+18, LH+18a, LLGY18, LW18b, LNV+18, LGZY18, LXT+19, LWXY19, LZZ19, LDZW19, LSW19a, LB+10, LKJ17, LC03, LW+13, LL16, LWF+17, LWR+19, LSSR02, LZY+16, LHY+19, LWZ+19b, LSF+94, LZW19, LHM+09, MWQ+14, MML+18, MWL18a, MYHZ18, MWQ+19, MSS+13, Mac89, MJM+16, MCN+18, MLC+18a, MK17, MHP10, MBB10, MHC14, MCS00, MVRM08, MLC18b, MCT+15, MBM18, MGV+18, MJ50, Mar98a, Mhdls19, MS19, MLD08, MDB+18b, MSBA16, MPI+18, ML16, MHZ18, MQL+19, Mér17, MJ00, MSX00, MBL+19, MZYA19, MLW+18b, MJRM16. Based
[MGA+18, MHA08, MHA09, MCDa16, MSE19, MAPA19, MDM+19, MYK16, Mor01, MPPM09, MW12, MWMA10, MCG+15, MRS18b, MK95, NSR+19, NKX09, NV11, NNRA19, NMA00, NRV+17, NSP07, NCS12, NS10, NK18, NGB18, NHG06, NLM+16, NUPA19, NZL+15, NJKH13, NS19, NAAC19, NAM+19, NHT06, NMC05, NLV+19, ODOD+13, Ohy89, OcdAMA07, OVK+09, OP97, OMPSP+19, OMD+18, OBG+18, OB19, PZC19, PO00, PYYH+18, PNGF13, Pa06, PBV+13, PFRC16, PC18a, PS10, Par06, PKY+17, PC17, PWP+18, PLW+19, PBC+11, PMCC18, PGCM+19, PLGMCdF18, PCK19, PAB+14, PQBP17, PSY+19, PVHTP19, PS19, PTT12, PPS+18, PSP+09, PB18, PDLS+99, PSS01, PSSB15, PSK+10, PPAK99, PN09, PKA19, QZD+18, QR+18, QGT+18, QZM+18, QCY+19, QPO8, Qur19, RCM17, RQN+19, RBA17, RGAT18, RYIH+19, RDA18, RC13, RR+14, RGGH18, RHBO8]. based

[RT15, RS17a, RD14, RSY+18, RGM+19, RGSL18, RCMT18, RW18, SR12, SMF+19, SCL18, SPT+18, SC19, SLLT19, SS13, SB19a, SAGL10, SGCCR+16, SGR19, SM01a, SPK+07, SEHH99, SYJ+19, SHS+19, SMC18, SCD05, SD18, SHH99, SRJ13, SGL99, SM03, SMC09, Sch01, STTK03, SBH08, SG05, SSST17, SZ12, STA17a, SMA08, SP18b, SRP19, SBLW14, SYT09, SJ19, SCZ+19, SIF18, SS17, SB17a, SGB+18, SB18, SGBK19, SSKK13, SCN+14, SIL+13, SAPA17, SCL14, SCMS12, SMM+14, SLS+19, SNA92, SSK17, SZD+17, SM18, SYK+17, SCJ19, SCZ14, SBK18, SMZ+16, SSZ+17, SDL+18, SRR18, SJL+18, SCH+19, Sum92, TTC+14, TX14, TF18, TJWS10, TOD17, TZE+18, TMB+19, TNY17, TMM+13, TKA+18a, TA18, TY11, TMDZ15, TZD+19, TCR+12, TYWZ18, TCCW19, TBNF09, TIIHT14, Tur18, UGBM+17, UPP17, VVC+03, VVB11, VTTK17]. based

[Vau93, VGBLGS+06, VPP+19, Ven08, Ven09, VLC03, VSKS19, VCL+19, VSBN19, VOCH17, VKK14, VM93, VKT+19, WWX+17, WCHL10, WW11, WLYL11, WWCN13, WWD+14, WLZ+14, WZZ16, WMX+17, WWVJ17, WRCC17, WCL+17b, WWDF18, WZH+18, WC+18, Wan18a, WJS+8, WHCZ18, WZZZ18, WC18, WZWC18, WSSL19, WLL+19a, WDZ19, WSS+09, WY17, WZL18, WMA18, WZ18, WFFQ+10, WCC+09, WZ13, WZ13, WYIH+17, WZCH17, WXLZ18, WPS+18, WZML18, WWZ18, WWA19, WLZ+19, WHCW19, WSY+19, XTL+19, XJT+19, XH19, XWJ+16, XKB18, XZ+19, XKJ+18, XCGD10, XLI9, XZZ+19, XZP+19, XL+14, XZ14b, XY15, XLW+15, XZ16, XFM16, WX+17, XRPT18, XT18, XZZ+18, XJY+18, XZT+19, XLL+19b, XHL+19, XXX+19, XLL+19c, XJZ+19, XCS+19, YMLT13, YAO14, YMW+18, YWJ+19, YFY+13, YZLQ14, YWL+17, YLW18, YJS18, YZW+18, YWZ+18, YX+19, YWJ+18, YJJ+18, YZL+19, YHL+19, YCT15, YSWW18, YARH18, YPJ19, YW12, YPD12, YdDL+08, YN18, YXY18, YS16, Yos89, YZ12]. based

[YSL19, YC03, YPHZ14, YX+16, YWW+17, YL18, YGY+19, YJL+19, YWF+10, YMY+17, YL16, ZF16, ZRZL18, ZSJ19, ZSO8, ZA13, ZWL13, ZS14, ZZZH+16, ZWHC17, ZCH+17, ZCX+18, ZCLW18, ZHL+18, ZXL+18, ZXXL8, ZWWL18, ZXM+19, ZLT+19, ZTT+19, ZJY16, ZCY+19, DZL+19, ZBL+14, ZLG+14, ZLL+16, ZCZ+18, ZFC17, ZFC18, ZWX+19, ZCC14, ZDW+16, ZLY+19, ZSS+19, ZWJ19b, ZRZ+14, ZaT+17, ZL18, Zhu18, ZWGC19, ZL04a, ZMN19, ZCW19, ZMN99, ZDW+18, ZWMC19, dSB19, dLLA93, mM95, K K19, KKK+19, PMDS18]. based-wireless [HKA+18]. Bases

[Wie85, ABTF16, GZS14, NS184]. basic

[Dek86, LM90b]. basis
Batch [Zin18].  Bat
[HAAH05, NK05, SOR05, TSBH11].  Batch
[SSZ13, WSQ16, AQB15, GZQ19, JLL17, LH07, SVN10b, TF18, VCD18].

Batch-oriented [AQB15].  batching
[LZCX19].  batteries [BR04].  battery
[CFMC19].  battlefield [WSZC18].

Bayanian [SH99].  Bayesian [CFL15, CAPG18, Kho05, KIMR15, LYYY17, TAHS14, WWA19, ZSGJ19, ZCW19].  BBS
[FHGG15a, Ma94, PR05, RS04, Zna94].  BC
[DKJ19].  BCN [ESPN17].  BDEv
[VEET18].  BDP [PPA18].  BDWatchdog
[EET18].  be [HNP05, SOA17].  Beaconing
[YLWW18].  beam [GL04a].  bearing
[CRWZ19, FN00, RCW19].  BECAUSE
[Zna94, BP94, Zna94].  BECloud
[Bel16].  bed [RRS99].  Bee [HLZ18, CZL18b, HWXW18, SMS19, XWL17].  BeeCup
[XZZ14].  Beerel [vdR87d].  before
[MAJD18].  began [Bur02].  behave
[NMC05].  Behavior [BP01, CJDH13, BDWM17, BSG18, CMEA19, CYW19, FFGP19, FM10b, JM02, LRJG19, Lee12, LNB14, LJW19b, RVW13, SHRE16, SZ12, THTI14, WSU10, WWX17, YHH19, ZCZ18, ZZ09, ZWJ19b].

Behavioral [Ale97, CPP18, CWJ16, CT19c, KYZ19, KMK14, MS01, NJ17, NMC05, SBCF16, SSA19, WNRR19].

Behavioral-based [KMK14].  behaviors
[ABD19, WTG14].  behaviour
[HIA18, PRW14, Sch01].  Behavioural
[RT16, PLLA18, PL1A8].  Behind [DMZ12].

Belief [AZO19, KLJS19].  belt [TTT14].

Benchmark
[CGFS95, Zna94, ABG18, LM90b, ZYB18].

Benchmark
[DFGR14, EGCY06, GVD16, MMLO18, PPPS18, Por95, SZV9, TDBR18, Wri19, CDD10, ECA18, LSB18, TZQ18].

benchmarks [GMB19, WJY99].  Benders
[FBM19].  benefit
[BGV97, MEBA12, MVT19, SC16].

benefit-aware [SC16].  benefits
[KK14, PNGF13, SC19, VVB11].  benign
[WLW18].  Best
[FCW01, Grr01, IdLR01, KZ17, KS19, PF01, PSS01, SMO1a, LBR02, WBT18, Br01].  beta [DJH19].  better [FTD17, Mér17].

between [BBF18, BRR14, BC16, DGCGH17, DMN05, HA18, HICF14, LZCX19, LXL16, LEP08, MFL18, Nag86a, NKF18, PWP18, XLZ14, YA014, YZW18, YTQ19].  betweenness
[MBM18, MCSA18].  Beware [Clv87].

Beyond [KSK11, LW13, PN13, Eng14, KDPH16, LSH95, RR18].  BG [ABG18].

BGK [AKH14].  BGP [IGB14].

BGP-inspired [IGB14].  BGQoS
[AJY15b].  BHR [ST11].  Bi [ABS18, CGSJ18, LOK09, WW14, ZZH16].

Bi-directional [ABS18, LOK09].  bi-level
[WWC14, ZZH16].  bi-objective
[CGSJ18].  biased
[PDASM18].  bi-connected [AAC04].

Bicycle [ZMN19, ZWQ19].  bidding
[WCHL10].  bidding-based [WCHL10].

Bidirectional [MAÇ17, WHBC19].  Bieñ
[vdlR87].  bifurcation [AKH14].  Big
[AAA19, ASYF18, BA17, BAJ19, CMEA19, CCR18, EET18, GBB18, JGBF18, JNN17, KS17a, KBP18, KLL18, LIC18, MGL18, NNLH18, PN13, PPA18, RPA18, SNXB17, SCC18, VEET18, WSQ18, WRK15, WJS18, WXGM18, YDD18, YZ18, ZCY18, ABD19, ATH19, ATM19, ACV18, BGL14, Bha18, Bu18, CQW19, CGP14, CCM18, CZXL18, CRG18, CZZ18, CDB19, CSQ17, DJPM18, DP19, DQX18, D XL18, DZLA18, EAS18, FRM18, FS18, GQLX18, GLC19, GBY16, GSV17, HPGM18, HZDS19, Hsu14, kHSZJW18, HHZ16, HXL18, IAM18, J16, JHC18, JLC18, KOP17, KP18, LFP17, LLZ18a, LZH18, LJ19b, LW18, LYZC15, LSHW17, LW18, LWR19, MWW15, MLC18b, MVL18a, MPCAF15, MGMT18,
NJ17, OFD17, Osm19, PFRC16, PvSS17, PYM18, PPSs18, QGX18, QCX18, RTHB17, SZV19, SB17a, SBA+17, SBD+18, SZD+17, SSZ+17, TQZ18, TF18, TBR+19, TWZP18, WXPL19, WMY+18, WZW19b, WLIH18.


[GLSV07]. Blog [CC19, ZWWL18]. blood [HORC04, QXZ+19, RAA+19].

blood-cooling [QXZ+19]. bloom [ZL13, ML17, SGB+18]. Blue [KBVH14].

blueprint [JYY+17]. bluff [SdSP04]. Board [Ano19b, Ano19c, Ano19d, JBP+18, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h].

Body [AS18a, FPPD14, ASO14, AKM18, CJ14, FP14, HLYW17, IASK14, SCS+18, SvAS01, SdSP04, THA+17]. body-sensor [ASO14].

BodyCloud [FPPD14]. BOINC [FKBGC10, Boltzmann]

[ABL04, CM99, CH04, DS04b, DY04, FPdS04, HORC04, HRJ+04, IOO04, KKHS01, NCS04, SdSP04, vdS04]. bonds [BRS04]. bone [BPP+07, LYTZ+19, RMM+98, YTQ19].

BonFIRE [GCV+14]. Book [Ano93c, Ano93b]. Boosting [CPW19, GCBM17, KMOV+15, MWYC12, PH94].

booting [SPS17]. bootstrap [DDJ+13].

bootstrapping [PGCML+19]. borne [SM18]. Boston [vdSR7k]. both [FB93].

Bound [MGMT18, BMT12, JS89, JD16]. Boundary

[AS18b, BS04, DS04b, Kni89, SK04].

bounding [PYH+18]. bounds [LSG18].

Boussinesq [Tab06]. box [CSG+18, VOB13h, ZSW+18a]. BPM [SJ+15]. BPMN [GLHLW18]. BPSO [KP18].

brain [ABS+18, ASYF18, DSM+19, GRS+19, KZC04, MLS001].

brain-computer [ABS+18]. Branch [MGMT18, PGCC+10, BMT12, JS89, JD16].

Branch-and-Bound [MGMT18, JS89, JD16]. branches [LTOT07]. BRAVE [RBC+88]. breaches [NAM+19].

bread [KIJ+19, WZH+19].

BRelax [SSG17]. Bridge [SB16].

Bridging [Bha18, DHC+17, NKJF18, SG17, KH19, dCRL+19]. brief [Miz89a]. brighter [SM10].

Bringing [ZS05b]. Bro [KBdLG18].

broadcast [HJ10, WSQ+18, WZD19, XZP+19].

broadcasting [KY04, LRZ+18, VS90, YYY11].

Brockport [Lit03].

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

brokerage [CCIP18, GPA00, OG18].

Broketed [BB17]. Brokering [ACCD17, CS12, ET08, TMMVL12].

Brownian [GK18, vOB95]. browsers [AA1+19].

browsing [FGRZ09, FD12]. BSP [HS98, HLS06, HM98, McC96, RS08].

BTEM [AZO+19]. bubble [IOO04].

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

budget-deadline [ABP16]. Buffer [KD00, SCH+19, WWC+97]. Buffers [YZI18].

build [BRXs11, LL03, RAdaARP19]. Building

[BH13, FKOC11, HLT+18, KTTK17, LF01, PWB+13, Ram95, RR18, SGP+09, SW06, YPF05, dVXM+11, AMM18, EV98, FS07, GDRS04, GLSV07, HSS17, LRL+14, LCY19, Niw89, PVHTP19, SH99, VM93, WYN+90, Kos95, Zem86]. buildings [PPS+18].

builtins [CYB90]. bulk [GGLD10, dRRdQRG+18, GL05].

Bulk-Synchronous [dRRdQRG+18].
Bumper [DR15]. Burst [YZI18, KK10b, ZCS+16]. bursty [GHMX10, TCBPR16]. Bus [HHXL13, AB95, CCC19, Pan95a, PHL98, Shi92, UWV92, Ka04]. bus-assisted [CCC19]. bus-based [AB95]. bushfire [GAW+18]. Business [AJY15b, ACC+16, BGRBA19, Cha14a, DDMPG17, EO86, FG14, JCI15, KF00, QCD16, SJV+15, BBT19, CM01, Cha14b, CRR16, CYJ19, KYZ19, LCCM18, MCL+16, MVT+99, MGV+14, MAB+15, MCDP16, SGP+07, YNSM12, YJL+19, ZCX+18].


C [vdR87a, vdR87d, DNW+19, AC01, BR04, BEW10, CCHW03, LC04, MDT+18, NK07, WYN+90, ZY04].

C-oriented [WYN+90]. CA [SW02]. Cache [GSD95, HMC06, BSG+05, CXC+18, DSS98, DZZ+15, HCZW17, HBCR01, Kun94, LTTY19, Lop93, MVL+18b, PRS+13, Tao10, VBL+09, ZWL+16, ZQ+16]. cached [Yam92]. caches [ADM06, TD95, YDT19]. caching [CXC+18, CRdPC19, GSP+17, HMA18b, LWI18a, LSG+19, RHMGC14, TGM+19a, XW+17, ZCLW18, ZLT+19].

CAD [Dae95, TY85, TG04]. Calculating [SSRQ19, YAA+19]. calculations [BvdH11+01, Gil94, LF95b, Ma94, ML11, RMHM17]. calculus [KAP19]. Calendar [Ano84c, Ano84d, Ano85c, Ano85d, Ano86e, Ano85f, Ano86b, Ano86c, Ano86d, Ano86e, Ano87e, Ano87f, Ano87g, Ano87h, Ano88a, Ano88b, Ano89b, Ano89c, Ano89d, Ano90b, Ano90c, Ano90d, Ano90e, Ano91b, Ano91c, Ano92c, Ano92d, Ano92e, Ano92f, Ano93d, Ano93e, Ano93f, Ano93g, Ano94e, Ano94c, Ano94d, Ano95b, Ano95c, Ano96a, Ano96b, Ano97a, Ano97b, Ano98b, YSL19].

calendar-based [YSL19]. Calendar17 [Ano96c]. Calendar99 [Ano95d].

calendar17 [Ano95e, Ano95f]. Calendaraneous [Ano95e, Ano95f]. Calibers [AHP+18].

calibration [HLCZ18, JCA+19]. CALIFE [SLZ19]. calls [PZC19]. calm [SCH+19].

CalmWPC [SCH+19]. CAM [AVg00, SDR99]. CAMAS [dRSHB94].

Cambridge [YHJC05]. cameral [GWW+19, YJS18]. CAMP [HRR+14].

campus [GLD+19a, MFG+14]. can [BGV97, KR19]. Canada [KMKC03].

Canadian [ABB+07]. cancer [ANM19, KMK+19, KI+19, LYY+19, LGS+07, WZH+19, WJA+19, WYG+19, WZ+ZN+19].
cancerous [LJW+19a]. CANF [FJ18].

canonical [Bu18, GLC19]. Canopy [LYY+19b]. Canopy- [LYY+19b]. can’t [GMCM16, GCMC18]. capabilities [BBWB+18, BBLP05, DGST09, HMZ18, SD06, WAD+89]. capability [ZCL+18].
capable [PVSS17]. capacities [JLL17, LI15].

Capacity [AMDA08, BB17, CMB17, HMM17, KIC12, RZ16, Bha18, CWL+18, GBRM18, KCM19, KML19, Tho06, WWC+97, DACNC16].

Capacity-driven [RZ16]. capillary [APR16]. capital [NZOC19]. capsule [KHO+19]. capsulorhexis [LSW+19].

card [BBC+99, KXS+16, LLN+18]. carbon [Tor04, VVC+12].
carcinoma [MGA+18]. card [AHdF97]. cardiac [CAC+10, DMM+99, DNW+19, KE85, MdMMNS+19, SWW+13].
cardiological [KKS+18a]. cardiomyopathy [DNW+19].
cardiovascular [NDA+19]. cards [Al97, BGGV97, CHS11, DQ97, DF97, HJCD05, NWGM17, SGGC18].
care [ABC+18, CAS+18, KI+19, MRS+18a, NDZ+18a, NDZ+18b, NDZ+19. Pol98, PPAK99, SPS18, BS11, SAK+10, BGMLS17].

Carlo [BST+08, CGDS+13, CGPC16].
DDJ^{+\text{13}}, JH16, TMTY05]. **CARPET**
[ST98]. carpooling [HKG^{+\text{16}}]. cars
[MHW^{+\text{16}}]. CartoonPlus [JHC^{+\text{10}}]. CAS
[GI07]. CASA^{‘\text{2003}} [Ilg^{+\text{07}}]. cascade
[GIY^{+\text{18}}]. cascading [HA^{+\text{19}}]. Case
[LLE^{+\text{19}}]. MW12, SGN^{+\text{17}}, AR18, AMC^{+\text{19}},
Astu13, APR^{+\text{19}}, BBSV92, CGN18, CLAL19, CFF14, DDMPG17, EG\text{CY}^{+\text{06}}, FGM11,
HMA18b, KE85, MMVV08, MNC^{+\text{18}},
MK18, MOGF18, RRP^{+\text{14}}, RHBO8,
Ron00, SHS^{+\text{19}}, SMI01, SB11, VM93,
WX02, WLH16, WRCC17, WM07,
XLL^{+\text{19b}}, ZDL^{+\text{13}}, ZXL^{+\text{14}}]. case-based
[VMM93]. casein [vOB95]. cases [de 94].
CASQ [LZY^{+\text{19a}}]. catallactic [JRF^{+\text{07}}].
catalog [GML99]. catalogs [OFO^{+\text{99}}].
cataract [LSW^{+\text{19}}]. Catcher [BSE^{+\text{13}}].
categorizing [WLW^{+\text{18}}]. Category
[LZY^{+\text{19b}}]. GGLW18, ZH17]. cations
[DRS04]. Causal [HKS18, MFT^{+\text{17}},
AMH04, TSWL17, ZCT^{+\text{04}}]. cause
[CPP16, DLW07, LWR^{+\text{19}}]. caused
[MHW^{+\text{16}}]. CAVE [DDS^{+\text{09}}, Oly\text{v}W98].
CAVE\text{^T^{+\text{M}}}[WKF03]. cavities [DNJG17].
cavity [CASW05, HLZ^{+\text{19}}, WVCC94].
Cayley [DR03]. CCA [ZSW^{+\text{18b}}].
CCA-secure [ZSW^{+\text{18b}}]. CCBKE
[LZYC13]. CCGrid [KZ17, LBR02]. CCTV
[LHJC18]. eDBN [Jun18]. celiac
[KHO^{+\text{19}}]. cell [BVDF00, DPK^{+\text{19}}, EAA16,
GL95, Pal01, SJT07, GY92].
cell-vertex [GL05]. CellML [CAC^{+\text{10}}].
CellML-based [CAC^{‘\text{10}}]. cells
[BPP^{+\text{07}}, YWG^{+\text{19}}]. Cellular
[Ban02a, BP02, BMS05, Ban02b, CM99,
KCT99, Mru88, PIK02, TS09, TA18,
BMP01, Ban05, Bog99, DRS^{+\text{97}}, DS99,
DDL01, FLPP05, FW02, GZ04, HRSW99,
JM02, Mar02, PSL^{+\text{04}}, Pud01, Ser98, SRT02,
ST99, TZD^{+\text{19}}, TSZP99, Wor99, CDS05].
cemetery [MCA02]. CenLocShare
[XCS^{+\text{18}}]. Center
[BMK^{+\text{14a}}, SE19, CYH04, GDS18, HDB18,
KAEC^{+\text{18}}, LN13, LWD^{+\text{14}}, LGL^{+\text{17}},
LGZY18, LWW^{+\text{13}}, Man15, MP17, NKP16,
SPT^{+\text{18}}, VOS12, XDH^{+\text{17}}, YPLZ17,
YGYW16, ZGL19, ZWJ^{+\text{18}}]. centered
[ABZK15, AB19b, AP96, JNS^{+\text{19}}, NRR^{+\text{15}}].
centers [AAAQJ^{+\text{18}}, AK18b, BAB12,
DKK^{+\text{13}}, FNC11, GOS16, GFB^{+\text{12}},
GWF^{+\text{18}}, Han03, LSYC18, LWW^{+\text{18}},
OCD19, Pon19, QMSG12, Qur19, RT15,
RMRSA19, SLD^{+\text{15}}, SLB^{+\text{17}}, SLZ^{+\text{18}},
TDC^{+\text{14}}, VTTK17, WTR^{+\text{13}}, WWQ^{+\text{18}},
ZHZ^{+\text{16}}, ZXD^{+\text{19}}, ZAC^{+\text{18}}]. Centrality
[LG18, AdVAGF18, GIY98, LXM^{+\text{18}},
MBM18, MCSA18]. centralized [XCS^{+\text{18}}].
centre [Gal87, BT93]. centred
[AMB03, LASL16]. Centres
[CAB^{+\text{18}}, WCH^{+\text{18}}]. Centric
[WSQ^{+\text{18}}, APBd17, ACL^{+\text{18}}, AT18a,
AHM^{+\text{18}}, BS17, DGR^{+\text{15}}, DMM^{+\text{18}},
DGlL15, GGLZ16, GMCM16, GMCM18,
JT13, KYZ19, LKN^{+\text{13}}, Pip18a, QGT^{+\text{18}},
RLL^{+\text{17}}, SST18, SZE18, SRK18,
TG\text{M}^{+\text{19a}}, TG\text{M}^{+\text{19b}}, XL\text{L}^{+\text{14}}, ZW10].
Century [Mar98b, Mar98a]. CEPSim
[HCB16]. CERN [NNL18]. Certain
[YH18]. certificate [LL16].
certificate-based [LL16]. certificateless
[LHO17]. certification [CB10, JLU03].
certified [LH13b]. CFD [LF95a, LZX16,
OBG^{+\text{18}}, SLZ95, WSO5, YHJC05]. CG
[KLP19]. CG-E\text{S}2\text{E} [KLP19]. CGLXTouch
[PDW^{+\text{11}}]. chaff [KHM13]. chain
[ABMM18, AB19a, ABGMC19, BDN13,
BBL^{+\text{05}}, CLL18b, Che18, HHLX13, JLIQ18,
LBJ^{+\text{18}}, SLL^{+\text{18}}, ZSL^{+\text{19a}}, FY19].
chain-generated [HXL13]. chaining
[SLY^{+\text{19}}]. chains [JDF09, JLMR00].
Chalk [GDR14]. Challenge [KZ11,
BKM03, Her87, Rum99, STMV18, SMG11].
Challenge-response-based [KZ11].
Challenges
[Ald89, CCR118, CDFW18, GS16a, GRL11,
JC15, Jun17, KMU19, MWW^{+\text{15}}, PWA^{+\text{19}},
SJTG07, YS16, USA19, AR17, ALK15,
AC10, Ano84h, ALL^{+\text{18}}, BHD09, CAC^{+\text{10}},
CADDY18, CEB18, GES18, HET18, HIG18,
HOR18, JAC18, JUN18, KCR18, KEG18,
LBJ18, MB18, MWC18, NZC18, PLS68,
QED18, QRT18, RMT18, SML18, SML18a,
SML18b, SML18c, XEW18].
Changes
Characterizing [H¨of03, Bro92, GAB]
chemistry
[CHWW13, MSKT07, SBLT05, YWLL19].

Chem
LM12, RPMG10, RG04.

Chair
[CFVP03, D¨or05, WSTW87].

changes
[BBJ+06, BNJ16].

channel
[ABS+18, AAQ+19, CWW+16, DSO4b, DJH+19, GQXL18, SWW+13, YZC+19, YN18, SG05], channels
[AJZ+02, Dua94, GHMX10, KKB+19].

Chaos
[AIA+18a, XRPT18].

chaos-based
[AIA+18a].

chaotic
[Bro19, GL07, KLW+16, LWK+18].

character
[CSC+05, LJJ19a, TJ18].

character-based
[CSC+05].

Characteristics
[WCWC19, XXY18, MPP13],

Characterization
[AHD+19, ZCT+04, BARMB14, BZHV19, GPVN19, KRD+19, KB00, PLGMCdF18, VEET18, dSFP+17].

Characterizing
[GdVC10, JTB13, JCD+13, KFC+07, MSS+13, WWH+17], characters
[SK04].

Chargeback
[BSX+14], chargers
[CZM+18].

Charging
[SRG+03, HZLH19, RYH+19, YHL+19].

Charlotte
[BKKW99], chat
[MSK03, DSO0].

chatbot
[CPMG19].

Cheap
[HWS07].

cheating
[DLMS15], check
[Ch13b, LZL+17], checking
[LXJD18, LYT+05, PSS13, RWV+13, SYY+17, YZN+15, YXA+16].

checkpoint
[Dal06], checkpointing
[BCH+08, CPGdS+13, CRVZ15, FC05, FMSSM12, FRB+14, KKKJ10, LBB+19, LM12, RPMG10, RG04].

Chem
[GAB+96].

chemical
[CHWW13, MSKT07, SBLT05, YWLL19].

chemically
[DY04].

Chemistry
[Höf03, Bro92, GAB+96, LSH95, ZDL+13, GMB+05].

Cherenkov
[CSV+19].

Chichester
[vdR87d], children
[XL19].

CHIMP
[BCM+95].

China
[HPZL18, PWP+18].

Chinese
[TJ18, ZWUL18].

Chip
[MBM18, BF18, CPSD18, SF06], chips
[MPH00, SSG19].

CHIS
[CCMP18], choice
[BHRT98, SC16], choking
[AY16].

cholangiocarcinoma
[ZMZ+19].

cholangiopancreatography
[HZX+19].

Cholesky
[IST04].

CHORUS/MiX
[AGP+92].

chromosome
[hKBB11].

chronic
[HEES19, VFHB14, WCWC19], chronological
[MPP13].

Chunk
[ZZJ17].

chunking
[WLA17a, XFJ+19].

CIAM86
[vdR87b].

CineGrid
[DGD15, GHO+11, KGDL11, LSH+11, WdL16].

cinema
[SST+06].

CiTo
[GTEL+18, ZZX+19, ZZLZ18].

cipher
[ZSW+18a], ciphers
[MHY+18, SHJ04].

Ciphertext
[JSMG18, Rao17, LDZW19, QRW+18, LAL+15, LHL15].

Ciphertext-Policy
[Rao17, JSMG18, LDZW19, QRW+18, LAL+15, LHL15].

ciphertexts
[WXL+16].

circuit
[AEK+18, BJNH05, BDG+19, GODM98, GDRS04, IdLR01, SKT02, WVC05].

circuits
[CFVP03, Dör05, WSTW87].

circulating
[YWG+19].

Circulation
[HHG05, CS93, WJZ+17].

circumstance
[ZLY+19].

circumvent
[DC17].

Circumventing
[DC18b], citation
[HHL11, HQ10], citations
[CZ14].

citie
[AT18b].

Cities
[HSSL7, RMSP17, Sta17b, APBD17, AR18, BAKB19, HCZW17, HMA+18a, HMA18b, KAS+18, KS18d, NWL17, Osm19, RGSL18, TLL+19, UGBM+17, GMLGB+17].

Citizen
[APBD17, AB19b, ALFR16, NZOCJ+19].

citizen-centered
[AB19b].

Citizen-centric
[APBD17].

City
[MPI+18, RPA+18, BBC+17, CCC19, DDMPG17, EADE18, GAI+18, KPA17, KFK19, LNK+18, LSV+18,
LCY19, LLW+18b, PC17, SP18b, TWZP18, TCB+17, WHBC19, XYLZ18, YJS18, dSK+19, vVDBB98, CGSV17, FAMA+17, hKRMI7, UPP17. civil [AB19b]. CL [SVK19]. CL-ADSP [SVK19]. Clairvoyance [BOP+14]. CLAPP [GOGG17]. class [Cie04, DKK+13, GWW+19, GS13, GD10, TKT+08].
class-statistic [GGW+19]. classes [CMB17, JOPW14, PSLZ18]. classic [MAC+18]. classical [MAC17].
Classification [BD18, MWQ+19, ZXM+19, AHMS18, AGA18, CJE+04, CMI+19, CLY14, CD99, DDD+19, DH16, EP13, FTK+14, FMV14, GLVC18, HMA18b, JOSD19, KMK+19, KJI+19, hKBB11, Koo5, XLX+17, LLWN04, LXT+19, MLG13, MG14, M4MMNS+19, MHDs19, MCRB19, MZYA18, MRS+18a, NUPA19, PRW14, RRKA19, RGCH18, RD14, SD18, TSRG17, XZZ+18, YARH18].
classifications [Bag16]. classifier [KLV+18]. classifiers [IdAP19, Ki19, WLW+18]. Classifying [BCM18, DS+19]. classroom [Kim18].
Clause [LY90a]. clean [MRL14]. CLEM [CJN+15]. Clickstream [FFGP+19]. Client [ZW10, CGL08, CSL18, DSD+11, JAX+19, KuRak+18, MG14, PA01b]. Client-centric [ZW10].
client/server [PA01b]. clients [LH13b]. cliff [SCH+19]. Cliffs [vdR87].
Climate [FEB+19, BNJ16, FQBCF15, GP09, MLC18b, PWB+13, FNC12].
Climate-G [FNA12]. clinic [PPAK99].
Clinical [WWP19, CPE+17, JNS+19, LDY+18, OCdAM07]. cloaking [NXL+15].
closed [HXY13]. closed-form [HXY13].
CLOSER [CCR18]. cloth [HX19].
clothing [HYC+18]. Cloud [AJR+19, ASAB+18, AAS17, ABTA18, AAJ17, AM17, ABK+18a, ACCD17, AMPZ16, BB13, BdDPP16, BCJ+13, BYV+09, CLRL18, CHWW13, CRM+16, CDL+16, CPD+15, Cha14a, CRK16, CDFZ16, DMC+19, DAXA14, FMN+17, FSV+19, FPP+18, GAW+18, GJ15, GBRM18, GTCZG+18, GMP+17, HMA+17, HMM18, HSBE19, He16, HM19, HX+17, HMA+18a, IASK14, JCI5, JY15, JGJ19, JTL+19, JTBS15, KKK+19, KMR15, KLV+18, KJ18, LS8+18, LSD+17, LOR+18, LjGW18, MID16, MP17, MAB+15, MM18, Pa16, PNI3, PLLA18, PDH18, DLS14, RAA+18, SV16, SB19a, SST18, SGN+17, SS17, SE19, SZZK18, SA17, SPKG18, TMW+17, TMMVL12, VLAC+13, WDK16, XDWL15, YG18, YHL16, YWZ+18, YARH18, YAP16, YXA+16, ZAC+18, ABZK15, ABMC18, ANA16, ABDH19, AAA18, ALTG19, ANG+19, AAAQ+18, AFSH+18, AFSH+19, AMQS+19, ABB+19a, AEF+18, ADA+19, AOS14, ALK15].
cloud [AL18, AMGCC18, ABP18, AMMC18, AMMK18, AM+19, ANol2r, AB16, AAD+13, ABN17, ADBO18, AMS19, ADDV+16, ALL+18, AK18b, BKS+14, BDE17, BFN18, BMU16, BGC+19a, BKS+18, BFS+17a, BFS+17b, BCI5, BBCN18, Bcl16, BBT19, BPC+14, BT17, BGRBA19, BB12, BDH14, BR10, CMX+16, CA15a, CV19, CDG+14, CLZ18, CLAL19, CMB17, CEP18, CTR+17, CDM18, CFG+19, Chal4b, CLI+15, CRW+16, CW16, CLL18b, CM17, Che13b, CWSSW14, CLL+14, CAC+15, CXL+17, CLR18, CCY+18, CW13a, CJS19, CGS18, CGL15, CPSRG14, CR14, CBLS13, CSQL17, CDL18, DC18b, DZZ+15, DJZ+15, DRC+19, DL19, DST+14, DLM17, DMP16, DEG+17, DQLW15, DHL18, DR18, DCC13, DWS12, DSPA18, DHC+17, DCMW17, DJ13, EKSDN19, EBOY14, EAS+18, EDr13, EP12, EMJ+13, EPB18, ECA+18, ETR+13, EA17, FH13, FHY15, FCH18, FLY+19, FLR+16, FSM+18a].
cloud [FJL+16, FW19, FQBCF15, FLRP13, FDPR17, FEPC18, FPGK18, FKT14, FM17,
FP13, FrI14, FCD+14, FSP+18, GGTTRRC16, GPJA+14, GVBG17, GEG14,
GdCP19, GVBI3, GJG19, GJJJ13, GSL12, GAJP18, GS16b, GFJ+12, GCL18, GB10,
GTSAR+14, GPS13, GMP+18, GJKP18, GF8+18, GSR+19, GLB+18, GZQ+19,
GGC18, GGS13, HIA18a, HFMI19, HMS13,

HGC+14, HQH16, HLL18, HJA+19, HHK18, HLWY17, HCN14, HZL+19, HB19,
HHK+16, HCB16, HNJ+18, HZW+16,

HYS17, HYB18, HHS+18, IDC111, IS18,

IKLL12, IGB+14, JDA+16, JTB13, JTS13,

JBR+16, JCL+15, JZL+18, JMA19, JEB18,

JOSD19, KSI18a, KZ17, KC14, KRD+19,

KYB+19, KMT14, KKKM13, KAW12,

KCS14, KMJ18, KAD14, KLH+18,

KACN16, KARP14, KMV+15, KTTK17,

KKKM17, KKKM18, KGLY18, KS18c,

KLW+17, LDB18, LCH+11, LZY+19a,

LCL+19, LXD17, LLW+12a, LJJL13,

LCHW14, LKX+14, LHH+17]. cloud

[LPY+18, LLE+18a, LLW18, LLY+18,

Li18, LAL+15, LSYC18, LCL14, LXM15,

LHX+18, LWW+18, LZYC13, LYZC15,

LYL15, LHHL15, LCM16, LPL+16, LSL+18,

LDY+18, LCH+18, LNY+18, LZL15b,

LYL+19, LPBB+18, LHB16, LISJ+14,

MZL+17, MG14, MG16, MK17, MG18,

MFLN13, MH1C14, Man15, MCT+15,

MYW+19, MAJD18, MKK13, MS19,

MBMTJR18, MDB+18a, MKH13, MK19b,

MFG+14, MNY+19, MSBA16, MLM16,

MHZK18, MVG+14, MRH17, MMV13,

MAD+19, MCD16, MEE19, MS+13,

MYK16, MWL+18b, MCG+15, MBV+15,

MCWP16, Nag16, NRV+17, NCS12,

NCC+19, NLV+19, OdOD+13, OD+17,

PZ18, PBV+13, PC18a, PVN+12, PLA18,

PFPJ18, PKY+17, PPS18, PBA18,

POJ+16, PTO+18, Pon19, PPB16, PK+18,

QWC19, QCYJ17, QCD16, RGAT18,

RT16, RRKA19, RML+19, RZ16, RT15,

Rao17, RS17a, RP18, RHVP17, RMJ+18,

RTS+16, RMRSA19, RGVGGSSZ14,

RMHMG17, SRTD15, SFI19, SB14]. cloud

[SPD+19, SJV+15, SHRE16, SBAD18,

SBK+16, SJTN18, Shu16, SSSJ19, SDL+15,

SYX+17, SAR18b, SV15, SG14, SKS17,

SRKS18, SM18, SYK+17, SB16, SVP+17,

SMS13, SK19, SCJ+19, SBL18, SMZ+16,

SLZ+18, SDH+19, TCC18, TLC+15,

TSLW17, TDL17, TOS17, TSL+18,

TAKA+18a, TKTG19, TBB+17, TCBP16,

TGC18, TYNW18, TMS+17, VB18,

VPP+19, VSD13, VCK18, VGD+19,

VSP+14, WHMO13, WWCN13, WWV14,

WXYL15, WCF+15, WMK16, WZZ16,

WMM+17, WCL+17a, WWDF18, WJS+18,

WMY+18, WXZ+18a, WXZ+18b, Wan19,

WLA17a, WLA17b, WLA18a, WCC14,

WYH+17, WZCH17, X14, XKB18,

XZW+19, XWM18, XTT18, XWL+18,

XLL+19, XZT+19, XYL19, XWzF19,

YM+18, YFY+13, YLJH14, YSC+15,

YN+15, YWL+17, YJS18, YCD+19,

YSHM19, VN18, YKK13, YAGG18,

YNY+14, YNZ+15, YGYW16, YYCL10,

ZCM19, ZRZL18, ZYZ+18, ZLZ13, ZCL+14,

ZME+15, ZZH+16, ZCS+16, ZWHC17,

ZHC17, ZZL18, ZZXL18, ZTL+19].

cloud [ZSL+19a, ZCZ+18, ZDW+16, ZCC18,

ZF+18, ZLY+19, ZSS+19, ZaTZ+17,

ZZZ17, Zhu18, ZWGC19, ZCW19, ZL12,

ZZO+13, ZBF14, dSBN19, dACAM13,

dACNC16, BAI12, CFVP12, CMG+19,

CJN+15, CFF14, CPP16, DRZ+19, DDJ+13,

DI+17, ENC+12, FG14, FP14, FRM18,

IG12, JS12, JBR+16, KKB14, KMK+14,

KS17b, LLAH13, MGR11, MEB12, MBS13,

NJH+18, NHF+19, PMPC13, PMDS18,

SMBMT+18, SG15, SMZ+16, SYL18,

TCN+14, WFLM17, YNSM12, ZLR+15].

Cloud-assisted [HMA+18a, LZY+19a,

LYL+19, WXLY15, ZYZ+18]. Cloud-aware

[GJ15]. Cloud-Based

[HXA+17, AMPZ16, CPD+15, FPP+18, GMP+17, LOR+18, YARH18, ASO14,

BDE17, CFL+15, DMPP16, EPB18, FW19,


CloudGrid [CCRV13]. CloudIntell [MY18].

Cloudlet [ZGL+18]. cloudlets [Loki12].

CLOUDRB [SG14]. Clouds [GLNT13, GGA+17, KSF+13, LX13, MG18, MAD+16, PMLVLS+13, SPdSR+17, WRK+15, APA217, AMQS+19, AMGCC18, AK14, ASB18, AEME+18, BL15, CLRL17, CTBV12, CGBAP18, CKR16, CB16, dCCDfd015, CRTN17, DT16, FWB13a, GCB17, GGS09, GZWQ13, HZZ+14, HBN+13, HFT16, IKH+18, KuRaK+18, KH18a, KFK19, LZ10, LLC+14b, LMZ+14, LGY+16, LLZ+18a, LLZ+19, LLW+12b, LPV+16, LSHW17, LWZ18, LPD+13, LYW+16, LL16, LSMVM13, MJM+16, MJDN15, MGV+18, MGH+17, MDD15, MG01, OG18, PFR16, PS19, QG+18, RMVG+10, RMCMD12, STMV18, SEMJ11, SSL13, SBA+17, SJY12, SNP19, TZST14, TSLC17, TQPF+17, TVB18, TS18, TCR+16, UDST19, VVB13a, VHML11, VCKB12, WHS+18, WG13, WHL+19, XSM15, XJWW15, YLJL18, ZYCZ19, ZQV+18, ZB19, dCTVC18, dOOO+13, ANE13, ATX13, CVKB12, WLML17, YMY+17].

CloudSME [TKA+18a].

CloudSNAP [MGLPPJ13].

CloudStore [LSB+18].

CloudWave [SNP19].

Cloudy [BFN18].

CloudFlows [KOP+17]. Cluster [BB13, BJC02, CWJ16, DT08, KV17, OSHH96, WX02, ABA06b, ACM05, BL08, BARMB14, BYL+18, CDG+14, Cho04, DZ04, DVVD02, EMH18, Fra08, GS05, GCV+14, Goo02, HO02, HLL+17, JAA09, KZ17, LSL05, LZXW13, LJL12, LHPC+19, LKTC14, MNV12, MFG+14, MM03, MGLDV0, NSJ02, RBJ+13, RG04, STH+98, SM01, SMA08, SMC15, SMS14h, SPB+17, VSM02, WKC+13, WHW16, WJZ+17, YJA03, YLHJ14, YYY+19, ZJWW04, dACAM13]. cluster-based [BARMB14, LZXW13]. Cluster-group [CWJ16]. cluster/datacenter [LKTC14].

Clustered [BHH+93, PSL+04, PCC+14, SCY+18, GK18].

ClusterGrids [KJJK10].

Clustering [FJ18, GBY16, H017, LJ17a, LHJC18, M97e, PC18a, SAH19, TF18, ZWHC17, BK16, BCF16, BU18, C14, CDSD15, CSP13, DNW+19, DB99, EP13, FGM11, FT07, GPJC17, GNGG17, KCK04, hKBB11, KP18, LBYL08, LZZ19, LYS+19, LXFK19, LRMS19, LZXG12, LSV+18, NK17, RC17, SV16, SPT+05, TCT+14, WCL+17b, WTC+19, XZZ+14, ZM97].

Clustering-based [LJ17a, LRMS19].

Clusters [MG10, PB09, AH19].

ADAAD12, ALM+10, BC15, BBSV92, BL13, BL02, BC+01, BTM10, CRM+16, CRE01, CP17, CSdCM+17, CBCA15, CG02, CKFJ06, CEGL01, Elv+96, FQBCF15, Fer96, GCBM17, GoSo0, GVD+03, JBP+18, KSS11, LP01, LLZ+18a, MJM+16, MTK00, MLSO01, OB04, PK11, PCG+06, PL96, RH08, RT06, RGDL16, SVC+07, STTK03, SD03, SK12, TC06, VBB11, XDHL12, YI17, ZGB+17, ZBCT17, ZTD+18, SZGb04]. cluttering [Gra15].

CM [Mal94, Por95]. CM-2 [Mal94, Por95].
CM2 [CH95]. CMPs [MVL18b]. CMS [RAA+18]. CNES [BT93]. CNN [RBGA18, UMHIB19]. CNNs [LYL+19]. Co [DXL+18, PW09, Ano84i, DV14, DBD+14, GS15, VL19, XZL+19, YCY10, YSC+15, LLS+14, YYW+09]. Co-AdaBoost [LLS+14]. Co-Allocation [DXL+18, DV14, YCY10, YSC+15, YYW+09].

code [DBD+14, XZL+19].


CoAP-based [GCK18]. Coarse [Vre88, VF01, SJ18, TLL+14, YZ19, WMJW18, vW19].

codes [EBCP18].

coded [LLWN04, PWSX17, WGM18]. Codes [SVAS01, BBW08, BVDF00, DL03, GIM16, LPB04, LRW01, Niw89]. coding [CJX19, CCM98, HJF+04, LSD11, LYS12, SMC99].

coefficient [QMCM19, SLD+18, WZ19].

coefficients [Tab06]. coevolution [LD17].

coevolutionary [CZY+18]. Coflow [LZZ19].

Cognitive [AT19b, GWW+19, MK19a, ASAA18, AS18b, BKS+18, BMK+14b, CLH+18, Che18, CGM+19, CWLZ19, HMW+19, HQ07, LLW+19b, NDZ+18a, NDZ+18b, NDZ+19, TSL18, WLL+19a, WLZ+19, XZZ+19, ZY+18, GTEL+18].

Cognitive-inspired [GWW+19, CWLZ19, XZZ+19]. coherence [MVL18b].

Coherent [Tu04]. COHESION [SBHD08]. cohesive [QC18].

Collaboration [ASW11, DPDS14, GFD14, BJM+17, BAPS14, BP10, HKU+11, HLL+11, HYS17, HYS18, JHL+06, LHZ+18, LLS+19, LSW+19, OPT+17, PPS+19, POJ+16, RMA+16, SS04, SKF+11, SLDK03, UNM+16, WTP+13, YLY+17].

Collaborations [TAB+18, EYY19].

Collaborative [BGJ+06, BDF+16, BLAV06, BDG+19, FGW+19, HAM18, LLT19, LYZ+19b, OKM+19, PLLP19, SZP00, TWC+06, WWTF18, WYL+18, AM19, BRX+11, BDCC01, BPS+03, BDMO11, CFM19, CPE+17, CSL17, CSL19, CMP+17, CNP+19, CPLH19, DMPP16, DFRW17, DV13, DPS16, DKFKF18, FLR+16, FDAGDVF19, GMD19, GMP+16, GP09, HB09, HAB+06, IGB+14, KZA+18, KPB+03, KKB18, KIAD17, KWK16, LPC+95, LCL+16, LCM+18, LTMW19, LQLX10, LGS+07, LHCC18, MZH+17, ML11, MVG18, MOBD18, MQT+19, MED16, NRR+15, PS10, PDW+11, RW18, RJH+09, RRH16, SHBP10, SCDY01, SLP12, SLW01, TCL+19, VGFLGS+06, VWD+08, VCVL12, WLB11, YLC+06, ZL13, ZCZ+18, ZRZ+14, ZL04b, ZBF14, dFVPSHL+14, FGG13].

collaboratively [GZS14].

collaboratively-built [GZS14].

Collaboratory [BAD+05, LRJ+06, LPS05, SG+09, SBDL09, KFP+02].

collapsed [KWB19].

collapses [KMC18].

collating [AB18b].

collection [DGCGH+17, HMM18, HYC+18, KCA+19, PPS+18, ESTL16].

collection-processing [PPS+18].

collections [AFP07, GB99, YDK11].

Collective [Jun17, CFGM16, JMO2, NSI02, SSST17, Szn98, Szn01].

collision [CMZ+18, NLS19].

collusion [LXJAD18].

collusive [ZHH+18].

Colony [TRFR01].

colonoscopy [MSR98]. Colony [PW09, PT16, TA18, CZL+18b, DS04c, FZH114, HWXW18, HLZ18, SMS+19, TV16, WZ13, XLY+17, ZHIQ18].

Colony-based [TA18].

color
Bro19, DNW+19, GPV+14, HX19, MSM+18b, RM16, XJJ+19. Colorectal [KMB+17]. colored [DC19]. coloured [AEM10]. Columbus [Gra92]. Column [GVA+16]. COMA [SWCL95]. Combination [CWJ19, LLW+18a, WQZ19, WL05, XRPT18]. combinational [CW+16]. combinator [WGL92]. Combinatorial [HMH17, Sch03]. Combine [LL03, SDST18]. combined [HJK+04, SMBMT+18, ZS05b]. combiner [MLC18b]. Combining [AS19, CPGBC16, CFGM16, Che13a, DMC+19, LC01, MK19b, MWPVB12, OCW14, FZHH14, GY90, GAA19, SK12, WWZC19]. CoMD [PAL+19]. CoMe4ACloud [ASAB+18]. COMFIT [dFBP+17]. comfort [FHHM19, Mat18]. comfortability [WPS+18]. command [KTY03]. Comments [WC06b, WC06a, CXZC18]. commerce [ABCD00, AS99, KF00, ZL18]. commercial [CBN16, DQC+19, Mar86, SMM+14, TKA+18a]. commitment [KKL09b]. Commodity [JBP+18, GVD+03, KDHP16, LKTC14, SVB07, WTC+02]. Common [GAB+14, CZ14, DLW07, FB93, HZX+19]. commons [BFN18]. communicating [MZD+16]. Communication [ADALZ14, CSP98, DKV14, DHS99, Kal94, Tis07, ADOKM06, AAQ+19, AKG+17, Bag11, BCFS02, BWR12, BTM10, CST92, CDDR17, DSB19, DPP03, DT94, DdM10, EAA16, GQXL18, GXL+12, GZLZ16, GVBG17, GS05, GBY16, GD93b, HAAWH+18, H002, HML+06, HJK+04, JAA07, KH19, KMU19, LR06, LXF19, LW+16, MCN+18, MD92b, MTKS00, MWCK19, MRV01, MLW+18b, MCG+15, Pag99, PR95, PSK+10, PPAK99, QMCX19, RPA+18, RHPV17, SRZD15, SAH19, SLS+19, SCEC18, UKM19, UPP17, VSKS19, VCDK18, VV16, WC01, WPON+18, WTC+02, ZDR07]. Communication-efficient [Tis07]. communication-layer [WPGN+18]. communication/networking [GXL+12]. Communications [DVV90, EYY19, AMN18, CFVP12, CYH04, GZL+18, GSC+19, HSC15, HCHH19, MIY+18, QGX18, RGDM16, SAGGB17, Ste94, WQ14, WSZC18, WGX+19, XHW19, YXZG18a, YYS+19, dSBN19, SHJ06]. communities [BOHCCI17, DMP16, FK11, HSB+18, PRSR14, RISSD02, Var00]. Community [aCKPM19, Car86, LBB+09, RMA+18, BFN18, BR19, CWL+18, CWJ19, CGL+10, FPPD14, FLN+18, GP09, GHJ+19, GG10, HBN+13, LFL+17, LJ18, LLZ+18a, Mar99a, PPH+09, SOD18, SBG+09, SGBK19, SJL+18, YML13, ZDL+13, ZCL+19, HRR+14]. Community-Aware [RMA+18, HBN+13]. community-based [YMLT13]. community-driven [SBG+09]. Commutator [CMO03]. Commutator-free [CMO03]. companies [STMV18]. Comparative [CA15a, TAHS14, Ba92, BMU18, CDMR19, DNW+19, GRS+19, KDE04, OdOD+13, OP97, SK06, ZM97, ZN12]. compare [CW16]. Comparing [HHS+18, KGX95, PFS+13]. Comparison [CHS+18, MFG+14, MOFGP18, SVdD95, BNFZ08, CCG07, CRWZ19, GLJ19, JS13, KBVH14, KS17b, STP+05, SI18, ZTKF17]. comparisons [BORM07]. compatibility [SSB05]. compatible [DMMP98, GA13, HDL13]. compensation [LZLL18a, LZWF19, YXY18]. competency [KRZ12]. Competent [DD86]. Competition [GPVN19, JLD+18, LLS+19, SIL+13]. Competitive [AKGZ18, LL04c, PS10, SSL12, WPJ16]. competitors [An084h]. Compilation [BM00]. compiler [CMT01, DSS98, GMB19.
LJS17, LY90a, Por95, SO98.

**compiler-based** [LY90a].

**compiler-controlled** [DSS98], **compilers** [EGCY+06]. **compiling** [ZS90].

**complementary** [PRS12], **complementing** [RS16]. **Complete**

[CC07, BP13, KJ18, MCQ+07, MSM+13].

**Completely** [GMM18]. **completion**

[CND+19, CDS03, LZ10]. **Complex**

[BKS98, BCD+18, CCMGF18, CCRL18, CCKW88, HCB16, LJ17a, SiR99, WH05, AB01, BKB11, Bal16, BJWZ08, BWR12, BW13, CSC18, DS09, FGCM07, Fer13, Fre94, FPP+18, GRZ+19, GJY18, HAAH05, HSB+19, KAP19, MB01, Meu05, MS018, PKE+18, RWY+18, SW17, SJTG07, Spn10, SJJ+18, WSH18, XSM04, ZYTEC15, ZSP17]. **complexes** [CGV10].

**COMPLEXIS** [CCRL18]. **Complexity**

[GMM18, AMC19, APB16, GVURIVBV1, TWW+18]. **Compliance**

[SS17, HHL11, LCCM18, Niw89].

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

**Component**

[BR18, SAP17, AAC04, ACPI9, BKSS02, Fio06, GW01, HIA18a, Lee04, LKG07, LASL16, LITZ15, MZYA19, Par06, PSS01, PSB15, Ren03a, SVN10, Tak05].

**Component-based** [SAP17, ACPI9, BKSS02, LKG07, Par06, PSB15].

**Component-oriented** [BR18, Tak05].

**components** [CY88, DD05, KSS11, Kom89b, LRW01, PA01a, WSTW87].

**Composable** [LFP+17, OE13], **composer**

[BGK+05]. **Composing**

[RBC+15, Kom89b, PADD03]. **Composite**

[AM17, Lin18, ATF11, BRMN04, MBA19, OCW14, WCC+09, ZMS+06]. **Compositing**

[MWQ+19, NOF18]. **Composition**

[JGB19, AdI14, BML18, FTD17, GMM18, GJGB19, GBA+09, JGFB18, LPMY18, LJ17b, LWS+12, PKB19, SJ18, SDC11, TSOB15, TSTD16, UGBM+17, WPY19, WZ13, XSMS15, XWW19, XLW+17, XZC+19, YKL+07, YWAL19, ZZZ09, ZZLH18, LKA+19]. **compositional**

[DSMAdR+17, VR05]. **Compositionality**

[dB90]. **compositions** [Lok12].

**Comprehensive** [GHJ+19, Tao10, ZGL19, HKK+16, LDJL19, NJKH13]. **compress**

[NS17a]. **Compressed** [JL14, ML17, BD18].

**Compressible**

[KN06, Ano96b, LF95b, RüzDM01, WWP19].

**compressing** [JDW+14]. **Compression**

[GLS99, AMBC19, CDD+19, CPD+15, DHW+17, DQ97, HSP+13, IASK14, KCK04, KK+99, OSC14, SMC99, SMS16, YZGW18].

**compressive** [GSY+17]. **Compromise**

[CLK11, NAAC19]. **Compromised**

[SSA+19]. **CompSci07** [AC10].

**Compulsory** [QRW+18]. **Comput**

[AB19a, BFS+17a, Cha14b, HY18, KSM+07a, MRR04b, NDZ+18a, NDZ+19].

**Computation**

[Ban05, CASW05, DE03, Fre94, AAC04, AHI+19, Amo06, Bal16, BCFS02, BDH06, BWG19, CAP18, CWJ+18b, DEL19, DT94, EHT10, EL98, GLC19, GEAR13, GBA+09, GPH+94, HWS07, HHSW92, HHK18, HLT+19, KJLY18, LJC+19, LJI+11, LLM+16, LSAM13, MCT+09, PB18, SD02, STC15, SLO+05b, VV16, WMK16, WLXZ18, XL19a, XXQ+19, YTD19, dITK92].

**computation-driven** [LJC+19].

**Computational**

[AC10, ABMS05, Bis96, Bro92, BDS+10, Bun03, CH04, Jo02, Jun17, MCSS00, MGY06, MVAS89, MR04a, MR03b, MsLVW98, Pet89, RGH+01, SA19, TS99, Tan02a, VmW97, XA10, AB02, AAB+07, Ald89, ABF+03, BMT12, BKM03, BFR05, BLO03, BL15, CM09, CBBC+17, CH95, CGJ+10, CKR04, DVB14, DLS+12, DT08, EKG+07, FGG03, FrLTT98, GTK15, GSN+18, GPS+17, Han03, Hua10, Hul89, IAL10, Joh89, JNPY06, KHG13, Koi89, KX11, KKW+14, LL04c, LW08, lit03, LJPS05, LAH10, Lop03]
MFN13, MDD89, Mau05, MHA08, MwVwL99, NSHP88, NP03, OK02, PIKM02, Rhq09, RM11, SpdSR+17, SMK05, SSST17, SJHR04, SSL12, SL97, SGH+08, SKS17, SDF+19, SZR18, TMT+07, TBK+10, TV08, VDPHS09, WSC+19, WFC07, WL05, Wic03, W89, WCKW10, WS10, YD05, ZDDM+18, ZCW+04, CCHW03, GMB+05, KFP+02.

**Computationally**
[VCD+18, DST10, Pet95]. **Computations**
[VVV2, AQb15, BBSV92, BJ+06, BST+08, HCM+18, KL02, LF95a, SK12, SK19, Szu98]. **Compute** [GGSz09, BGR+99, SBLT05].

**Computer** [AKW90a, An086i, CT90, CD99, DPDS14, Igl04a, Igl07, JO11, KI89, NHG03, Slo06a, Slo06b, St93, Zin00, vdr93b, Ais88, ADAAD12, ABS+18, AK90b, Bhu95, BLB03, BDS+10, Bur02, CAC+10, CRsdS10, CEJ94, Dal03, DRNMC09, Fur92, GMLGB+17, Her87, HXL90, JBP+18, Kli94, Kas85, KdGP+19, KB92, LC01, Lin84, LWW+13, LSF+94, MJ00, MGA+18, NSSA+14, PO00, PPS+19, Pri95, Pud87, SEH99, SL97, SBLT05, Tak99b, TDL05, WY19, WG91, Zad87, ZGCm00, vM94, vdr93a, dRSH94]. **computer-assisted** [BDS+10]. **computer-integrated** [G91]. **Computerized** [KFP+05]. **Computers** [GMM18, Her84, An086i, CST92, CS93, DRNMC09, D86, Omo91, OP97, Pad92, RN01, ST99, vdR86b].

**Computing**
[AR17, ADALZ14, AT02, APS+19, ABP18, Amen88, Am89, AKB+18a, BB13, BCG+19, CMA11, CDF+05, CFP+19, DXA14, FSV+19, FYA98, FBS18, Gen95, Hel16, HB98, HY03, JHJ19, Kow85, KBFK14, Lid99, LWW+13, MGR11, Mes02, OFMZ18, OSH09, Pal16, PN13, PZY16, SG95, SAPA17, SG14, SPKG18, WRK+15, WZM+18, WMN+01, WSB+15, Wio00, Wri19, WXGM18, XDWL15, YHL16, YWZ+18, AvLR92, AZH18, Aba06b, Aba09, AHS+18, ABM318, ANA16, AJY15a, ABG02, ACgDT02, ACC+05a, ABS11, AB01, AMD08, ASW11, ANG+19, AMH04, ADLW12, ADA+19, AFF+09, ALK15, AL18, AMGC18, AG05, ARB12, An090, AB03, ADBO18, AMS19, BGL08, BJ12, BBWB+18, BAV16, BMU16, BL98, BBG+05, BKS+18, BFS+17a, BFS+17b, BBC+99, BYL+18, BKG05, BAB12, BR92, BOP+14, BDZ13, BK18, Bg94, BT17]. **computing** [BdDP16, BCP18, BBK18b, BB12, BDMP01, BCM+95, BJ02, BYV+09, BR10, BRRH18, BCB+07, CMZ+12, CPDJ13, CRL18, CHWW13, CGCB+12, CA15a, CLCMG+10, CPgdS+13, CLZ18, CGT07, CTF+99, CTR+17, CWD+08, CDDR17, CMT16, CGH04, CC11, CKR16, CL18b, CWJ16, CXL+17, CLH+18, CCY+18, CW313, CLCY18, CGS18, CC09, CGM+19, CNP+19, CTS06, CCCT14, CBLS13, CFG93, CSP13, CWLZ19, CS09, Cz14, DMC+19, DQC+19, DJZ15, DHB02, DST14, DL+09, DDD18, DVVD02, DSD+11, DL03, DR5+97, DKD08, DDM+08, DR89, DSS07, DT08, DDB14, DW12, DHC+17, DCMW17, EAS+18, ESFD06, EW97, EMJ+13, ESP01, EA17, FLR13, FRB+14, Sou91, FP14, FP13, GHY+18, GVGB17, GVB13, GAW+18, GJS+94, GJ13, G05, GDJ+13, GJ15, G19, GL95, GCCL18, Gos00, GB10, GMP+18, GRX19, GCZ+19, GAB+96, GZQ13]. **computing** [GNW05, GTM17, Hab05, HFM19, HSM13, HAP11, HCCD+94, HCCW17, HB19, Hkp10, Her91, HMZ18, HMA18b, HZDS19, HNQ+18, HMW+19, HZ10, HYS17, HYS18, HXC+18, HLT+19, HMP04, HG92, HKP10, IT05, JSK+06, JAA07, JAA09, JCA+19, JSMG18, JNPY06, JM01, JEB18, KN1+18, KMB+17, Kar01, KANS18, KZ17, KKKM13, KB18, KAH+19, KMI11, KAW12, KBB+02, Kml07b, LkCf09, Kmj18, KPJ19, KLH+18, KACN16, KV09, KJ12, KH18b, KB09a, KS95, KMY+15, Kow84, KGLY18, KJ18, Lau01, LSL05, LWHC07, LSB+18, Len16, LPK17, LPK18,
computing [MAC, BDCC, CLM, RGDML], concatenation [HRJ], concentration [KAS], Concept [HLV, WZL, GGM], HXC, IdAP, KI, KWB, LL, TSRG, TG, WA, ZD, \textit{computing-enabled} [LW18, XXQ], concatenation [HRJ], concentration [KAS], Concept [HLV, WZL, GGM], HXC, IdAP, KI, KWB, LL, TSRG, TG, WA, ZD, computing [MAC, BDCC, CLM, RGDML], concatenation [HRJ], concentration [KAS], Concept [HLV, WZL, GGM], HXC, IdAP, KI, KWB, LL, TSRG, TG, WA, ZD. \textit{computing-enabled} [LW18, XXQ], concatenation [HRJ], concentration [KAS], Concept [HLV, WZL, GGM], HXC, IdAP, KI, KWB, LL, TSRG, TG, WA, ZD.
Connection [BS91a, BB84, BS92, DFSZ88, BB85, CH95, Por95]. connections [LPE08, Shi92]. connectivity [AC18, BRR+04, JM02, LY18b, UM02, VOS12]. connectivity-preserving [UM02]. Connector [EGK+07, Connex [JCA+19]. conquer [KTB18]. Conqueror [KTB18]. conscious [ZA14]. consensus [CFG16, CFM19, LTC+19, MMF16]. consequence [OA17]. Conservation [IS06, Mat18, PPMM+18]. conserved [DCS+07]. conserving [NQQL13]. Consideration [FW19, GGLW18]. Considerations [CJPC19, CGL08]. Considering [KMJ18, BAKB19, CT19b, WMBV17, ZHZ+16]. Consistency [GSD95, KLP19, GNVST14, HKS18, LLKF09, OB04, SIP12, TSWL17, ZW10]. Consistency-guaranteed [KLP19]. consistent [LGP+19, PY00, ZSP17]. consisting [Shi92]. consolidated [SS13, ZFW14, ZLL+16]. consolidation [ADB018, CFF14, FNCR11, HMIH17, HZZ+14, IDM+16, JFZL17, KCV11, LYY17, LYY18, LLWW18, Man15, MP17, RT15, SSSJ19, TDSH16, WCC+16, WLA18]. consolidation-aware [WCC+16]. consortium [HZZ+19]. constant [KHJ10]. CONSVaria [PDDS10]. constrain [GWW+19]. constrained [APAZ17, ANE13, ABP16, AB17, ABN17, AB18c, CXL+17, CLM14b, DD05, DSCJ18, HY09, KCK16, MJDN15, MRN19, NK15, PFMCO4, PCK19, RPH19, SSL12, SG18, TLL+11, VVB13a, Ven09, ZYB+18]. Constraining [LPMY18, SSG17, DLW15, DKFKF18, FCY18, GPS13, Ha88, LYY18, TSTD16, WLP10, XJY+18]. constraint-based [DKFKF18, Ha88, LYY18]. constraints [CSL18, FX07, GQLX18, HZC+08, Li18, LLZ+19, LD17, LYT+05, LPL+16, LTZ15, NP03, SZK16, SL87, TSB18, WTM+17, WZWC18]. Construct [HPZL18]. Constructing [CFL+18, ZLL+10, GNGG17, HQ10]. Construction [KMZJ16, BJWZ08, CPB00, CPLH19, DPS16, LLS+14, LWXY19, PRN14, SSQ19, TWZP18, TM05, YJA03, YPHZ14]. Consumer [GMC16, GMC18, FFC12, HMA18b, ZL18]. Consumer-centric [GMC16, GMC18]. consumers [CAC+15]. consumption [BdM11, CRB+16, HCHHI9, IPCA16, LCZL12, LIH+19, DPBK16, MPF+16, RMMA19, SRP19, VGC+13, WOPW13, ZAC+18]. contact [Ned06]. Container [LYH+19, CMG+19, KS17b, LGMV02, MG19, PMCC18, ZTL+19]. Container-based [LYH+19, KS17b, PMCC18, ZTL+19]. containerized [GCTLA19]. containers [BGRBA19, DL19, MK19b, MEW+19, SF19]. contaminant [RS99]. contamination [ST98]. contend [BA17]. Content [ARP14, EGAQ09, GC00, SNP19, WSQ+18, AAF18, AAS+19, BCR+12, CiderCB19, De88, DFLO17, DS08, FLT17, FM08a, FM08, FR08, GVI16, GGH+19, HCC+14, HSDL13, HPL+19, LLMP13, LMZ+14, LFL+18a, LZZ+18, LLWW18, LSY18, LPL19, MM08, NKX09, OcdAM07, QP08, RLL+17, SAMA08, SYT09, WLA17a, XFJ+19, XWJ+16, ZYCC19, Zin00]. Content-based [EGAQ09, FLT17, OcdAM07, QP08, SAMA08, XWJ+16]. content-defined [WLA17a]. content-defined-chunking [XFJ+19]. Contention [BS09, KIMR15, CNR19, 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. \textbf{contexts} [WXYL15]. \textbf{Context} [ABTA18, ACSV18, KRD+19, MBA19, VNMAM19, ZGZ+10, AGA16, BN17, CHY+18, DMC+08, FG18, FNA12, FD95, FKT14, GA13, HSB19, JOSD19, LRG19, LG08, Lok12, NKB19, POJ+16, PEG05, RMSPP17, SYG+07, SM01b, TCB+17, UGBM+17, WWG19, WYH+17, WYL+18]. \textbf{Context-Aware} [ABTA18, ACSV18, KRD+19, MBA19, VNMAM19, CHY+18, FKT14, Lok12, NKB19, UGBM+17, WYH+17]. \textbf{context-cloudlets} [Lok12]. \textbf{context-sensitive} [JOSD19, WYL+18]. \textbf{contexts} [XYLZ18]. \textbf{Contextual} [MLL15, dSMAdR19]. \textbf{contextualized} [SA07]. \textbf{Contiki} [ZAI+18]. \textbf{continental} [MBC+11, RV95]. \textbf{continents} [UNM+16]. \textbf{contingency} [DCC+14]. \textbf{continual} [ZLXZ18]. \textbf{Continuation} [DP03b, PPAK99]. \textbf{continued} [WTS14]. \textbf{continuity} [BMHTJR18]. \textbf{Continuous} [DS04c, KCI9a, PLGMCdF18, ZLT+19]. \textbf{continuum} [Low01]. \textbf{contours} [HWWT12, HZM14]. \textbf{contract} [VVB15]. \textbf{contracts} [GPK05, LKA+08]. \textbf{contracture} [AMAY19, MSA+19]. \textbf{contrasting} [MRL14]. \textbf{Contributing} [FTK17]. \textbf{contribution} [MCWP16]. \textbf{Contributions} [Ser95, ALFR16]. \textbf{Control} [AMSPL19, ABF93, BT93, BL92, CLL+18a, CDL+16, KESL17, LLYW18, AHP16, ATT96, AR98, AMHJ10, BR18, BKM03, BX04, Che13a, CYZK15, CZM+18, CZZ+18, CJK+18, CN19, CSC+92, DCMB15, Dat03, DL03, DLDGTGMP16, DHL18, FXG+19, FJL+16, FNC11, FMR05, FX07, FS18, FM10b, FSV+18b, GHMX10, GZLZ16, GHD19, GWO03, GY90, HAJ+19, HLW12, HV92, HXL90, HYG+19, Hua10, HDB18, IS18, KRD+19, KLM+03, KKS+18a, LHO17, LLW+19b, LAQ+19, LHC03, LZL18b, LLZ+18b, Lop03, LC03, LFY+19, MYHZ18, Mam09, MM10, MLGGB+17, Mer13, MLW+18b, MWPVB12, NRV+17, NLW17, NJ16, NA19, PWW18, QCX18, RGS18, RSR01, SMA08, SMI18, SCL14, SYK+17, SCP09, SZR18, TDC+14, TG07, TV16, VPP+19, VS19, VFB14, WC06b, WC06a, WZC08, WY19b, WSY+19, XMS15, XZG+19, XYML19, YXZG18a, YWJ+19, YA02, YAX+18, ZYK17, ZCL+18, ZFH+18, ZSL+19b, dSB19]. \textbf{control} [vdLE19, BL13]. \textbf{control-Application} [BR18]. \textbf{control-theoretic} [FJL+16, Hua10]. \textbf{Controllable} [FH13, YD18]. \textbf{controlled} [BP02, GFR16, KMR19]. \textbf{controller} [FJL+16, HYG+19, NLV+19, Röb05, ZX19]. \textbf{controllers} [dSFD+19]. \textbf{Controlling} [GCD+18, HAHH05, PECA19]. \textbf{controls} [EV96, EL98, QGT+18]. \textbf{convection} [JNR01, Tab06]. \textbf{convection-diffusion} [JNR01]. \textbf{Convenient} [BL01, WHY17]. \textbf{Convergence} [Kim14, SPS18, WMA+19, CDF+05, Gut00, LJJ18]. \textbf{Convergent} [MFT+17, TSW17, XZW+19]. \textbf{conversion} [AC01]. \textbf{conversions} [Rus90b]. \textbf{Convert2Java} [AC01]. \textbf{converter} [VS19]. \textbf{Convex} [SSMG95]. \textbf{convolution} [LYW+18b, vWMBS14]. \textbf{Convolutional} [FS19, AAYL19, ASRA+19, AFO+18, AMBB18, ASYF18, CZH+18, GLC19, HUY+19, LZX+19, LLU+18, TBS+18]. \textbf{cooling} [Len16, QXZ+19]. \textbf{cooperating} [CWD04, Reh06]. \textbf{Cooperation} [NAM86, BDP11a, FMN+17, JDFD09, SM18, XDH12, CKK+04]. \textbf{cooperation-oriented} [XDH12]. \textbf{Cooperative} [EA13, FMR05, GP09, HDH+18, HMC06, JO11, NAG86a, PP07, PMF11, RRB10.
Syja19, Wah84, Abdh19, Czy+18, 
Cbk+01, Dpl14, Fal+19, Fth16, Lj17b, 
Ld17, Lwz+19b, Mer13, Pps+19, Plp+19, 
Pnz14, Rbb08, Yc13, Zhu18, Zl04a].

Coordinated 
[fx07, Bch+08, Crvz15, Zxd+19].
coordinates [hhz16]. Coordinating 
[dgr+14]. Coordination 
[thn+06, Yzzc19, Ftpr14, MSba16, 
Pa01a, Pap05, Pro07, Wkt00].

Coordinator [ctvb12]. Coordinators 
[wll+19b], cope [zcs+16]. Copernicus 
Ppl17]. copies [dup90]. copilots 
Pwp+18]. Coprocessor [sk97], copy 
[dso0]. copy-on-write [lrxs19]. Coral 
[fepc18]. Coral-reefs [fepc18]. Corba 
[Lan00, Lrw01, Lls06, llsr02, Rdsh+00].

Corba-based [Lsr02]. Core [ht02, 
Tab+18, CKfj06, Edh+13, Haf+16, 
Hyzs16, Jly+18, Lc14, Lg+16, Lg16b, 
Mwyc12, Mac14, Mac+18, MBm18, 
Mgmt18, Mcf+11, Mmr17, Psp16, 
Pll+18, Pslz18, Pk11, Prc+14, Qzm+18, 
Rs17b, Sk18, Vd16, Wjz+17, Wwzc19, 
Wsh+16, Ymwl13, Ylj+17, Ylz12, Ydt19, 
Zab15, Zlg+14, Zhhq18, Vz17].
core-shutdown [Wwwz19]. Coreflow 
[KbdLg18]. cores [Eng14, Hlz18]. corner 
[Htl+18]. correct 
[Gpa96, Jamg19, Pro07]. correction 
[Kdh16, Ka88, Lz19b]. correctness 
[Md92b]. Correlation [Faa+18, Gjy18, 
Hzx+19, Ghp+18, Lai19, Ylz18, Ygy+19].
correlations [Ldz17, dPfg19].

Correspondence [DMN+05].
Corrigendum [Ab19a, Bfs+17a, Cha14b, 
Hys18, Nd+18a, Nd+19]. corrugation 
[Lsz+18]. Coshe [Pdms18]. Coshh 
[rd14]. Cosmic [Nmc06]. Cosmology 
[LB03]. Cost 
[Apaz17, Alk15, Ak14, Bkkm11, Gr07, 
Kv17, Mfn13, Meba12, Wmx+17, 
Zqb+18, Ada+19, Al18, Bse+13, Bg05, 
Bbb+19, Crm+16, Chsa18, Cwz+18b, 
Cs17, Dmc+19, Dr18, Fdagafv19, 
Gbs10, Gd10, Gs16b, Ge09, Hgg+14, 
Kk16, Lgy+16, Lgl+17, Lwz19, Lyl+19, 
Mjdn15, Mfg+14, Ock14, Rs98, Sd02, 
Shjr04, Sjg18, Sba+17, Sk19, Sdd+09, 
Sk05, Syal13, Tdsh16, Vvb13a, Wyz17, 
Zg19, Zxzl18, Zycz19, Zzs+19, De 94].
cost- [Mjdn15]. Cost-aware 
[Alk15, Gs16b, Hgg+14]. Cost-benefit 
[Meba12]. cost-constrained [Kck16].

Cost-effective [Gr07, Wzx+17, 
Cjw+18b, Cs17, Dmc+19, Kk16, 
Mfg+14, Sba+17, Sk19, Wyz17].
cost-efficient 
[Crm+16, Gd10, Sjg18, Vvb13a].
cost-optimal [Bg05]. costs 
[Kacn16, Md12]. Count [Xw+17]. 
counter [Dldtgmmp16, VoChc17].
counter-forensic [VoChc17].
counter-measures [Dldtgmmp16].
Countering [Mwck19].
countermesures [Faa+18]. counters 
[Clp+14]. couple [Bc17]. coupled 
[Agp+92, Bc15, Bdnp92, Km94, Lls+14, 
Md92b, Mr04a, Ms92, Sm05, Zct+04].

Coupling [Bc15, Sgbs19, Hns05].
couplings [PM14]. Courier 
[Ati18b, ZfW14]. course [Blb03].

Coverage 
[Kwb19, Lwh+18, Lxzg12, Mll15].
Covert [Mwck19]. Cowb [Dmmp16].
Cpf1 [Aha17]. Cprs [Lch+11]. Cps 
[Fsv+19, Llw+19a]. cpu [Asb18, 
Bbm10, Cdg+14, Cnr19, Dls+12, 
Gjz+12, Ipc+16, Jca+19, Kdh16, 
Kans18, Kaec+18, Mdb+18a, Ps19, 
Rbj+13, Thh15, Vd16, Wm+16, Vsl08].
Cpu-based [Gjz+12]. Cpu/Gpu 
[Cdg+14]. Cpus [Zhhq18]. Cr 
[Clp+18a]. cracked [Os06]. Cracking 
[Vsm+19]. Craft [Bdg+19].
craniofacial [Cpe+17]. crash [Hdc+94].
crashes [Pwp+18]. crawler [Blmu19].
Cray [KBVH14, MPG96, SCK+00].
CREAM [AAB+10]. Creating [BAB13, NWE04, RGVVGSZ14, SMS13, RSD02].
creation [ACM+18, ACD+19, GRZ+19, HA16, Mar98b, Mar99a, TBD+02, WLR11].
credentials [SSA+19]. credibility [PB18].
credit [JFDF09, KCS14]. credit-based [JFDF09].
Criteria [ACD+19, AFSH+19, ADKS06, EG18, FFJ+18, KHG+18, KA19, MLSF16, PaDSM18, SDH+19, WHP09, ZZH+18].
criterion [FTK+14, SKJ01]. Critical [AHem17, AL14, ARM+19, BM15, BKB18b, DNJG17, FDPR17, LZL19b, MC04, RSRA18, RRU+18, SOA17, SCS09, SCJ+19, WTM+17, WWT+16, WHY18, XTF+19].
Cross [FSM+18b, MFT+17, SVK19, YZL+18, dSNB19, AKCY+17, JBM+18, LZH+18, LMw15, LSD11, LW+16, QZD+18, SSG19, SSB13, XWM18, ZN12].
cross-datacenters [XWM18].
cross-disciplinary [LZH+18].
cross-domain [YZL+18, SSB13].
cross-Layer [SVK19, dSNB19, AKCY+17, LMW15, LW+16, ZN12]. cross-layered [SSG19].
cross-Mapping [MFT+17].
cross-platform [QZD+18]. cross-stream [LSD11].
cross [CFL+18, GL04a]. crowd [AMPZ16, CFGM16, CFM19, CW+13, KAS+18, VNAMM19].
crowdcomputing [WH8+18].
crowdsensing [DWJ18, MAD+16, YLJW18, YZL+19].
crowdsourced [LLGY18, MMF16, MDM+19].
crowdsourcing [aCKP19, FY19, LDS+18, SYJA19, WLA18b]. crowdsourcing-based [LDS+18].
crowdsourcing [HSH+07].
crust [OS06]. crypto [XZL+19]. Cryptoanalysis [CJS19].
cryptographic [BDNN02, OMSPL+19, WMX+17].
Cryptography [CDFZ16, DXA14, AMN18, MCN+18, MK17, YXA+18, ZXW+18].
Crypysystem [WSQ+16, GLB+18, LL04b, YY11].
cryptosystems [Wan19]. Crystal [KS02].
Crystallization [VSVDF94]. CS [GD93b].
CSCWD [Bar11]. CSP [MRV92].
CSTP [LSD11]. CT [HLZ+19, KMK+19, SGL99].
CTDNet [KGW95]. CTPSO [XRPT18].
cube [CFL+18, Pan95b, YJA03]. Cubemat [Shi92]. cubes [SAK03].
cuckoo [CWJ+18a]. CUIDATS [ABC+18].
cultivate [AHdJF97]. Cultural
[CMP+17, PC18b, CCM18, MRS18, Nit86, PPM+18, WDJC18].
CUMULVS [KwF03]. CUPUS [AMPZ16], curation [GZS14, GML+13, HBBH90].
curative [Bo19]. currency [PRS12]. Current [BHD09, FUR92, KAR14, LAQ+19, MK88, Nag86b, KBVH14, Miz89a, dLRW03].
curricula [ABC+18]. Cryptoanalysis [AMN16, LL04b, MCN+18]. curves [SW05]. customers [ABC+CD00].
customizable [MDD15]. customization [SSW+19].
customized [BAJ+19, RSSD02].
cuts [HSS00].
CWI [Baa87].
Cyber [CFH+19, HLV+16, LWW+16, NLM+16, OFD17, RVC16b, RVC16a, SYJ+19a, SHS+19, UMN+16, ZLZ18, AHS+18, APRC16, ABD+19, BKM16, CM17, DWJM18, EAED18, EG18, VGVB17, GAW+18, GGDH+19, GGD18, GMP+17, KB16, LLES19, LS+18, LFL+18, LLS+14, LSL+15, LZY+16, MPPF19, NACAC19, OA17, PKF14, PTD+18, SSM14a, SSK16, Sko19, SDD+17, SM18, SDK19, WLZ+16, WJH+18, XLMZ18, YPJ19, YS16, APRC16, YYW+09, ZHU14].
Cyber-Enabled [ZH18, LSS+18, LFL+18, YPJ19].
cyber-foraging [LLES19]. Cyber-Physical
[CFH+19, HLV+16, LWW+16, OFD17, RVC16a, ABD+19, BKM16, EG18, VGVB17, GGDH+19, GMP+17, KB16, LLS+14, LSL+15, LZY+16, MPPF19, OA17, PTD+18, SSK16, Sko19, SDD+17, SM18, WLZ+16, XLMZ18, YS16, APRC16, ZHU14].
Cyber-physical-social-thinking
[NLM+16]. Cyber-Transformer
[YYW+09]. CyberGuarder [LLW+12a].
cyberinfrastructure [KS19].
cyberinfrastructures
[CGBAP18, DGHH11]. CyberLiveApp
[LWL+13]. Cybernetics
[NLM+16, ZZL18]. cybersecurity
[FPP+18]. cycle [DZJ+00, Goo01, SFR15].
cycles [JCA+19, PL96, SK05].
CycloidGrid [GJD+13]. cyclone
[RRK19, VBL09]. cylindrical [LMV02].
cytology [KJ+19].

D [AKB18b, SGL99, YMM00, Zem86, vdR87h, vdR87e, vdR87k, AKB18b, Avg00, Bro19, CPD+15, CH95, DMM+99, DJH+19, EMB98, EdBG+99, GWW+19, GR09, GGM+99, HsHAS04, IdLR01, JHL+06, KCP04, Kn08, KAS08, LBB+09, MJ08, MJ06, NCS04, RICW00, SHN10, VF18, WKF03, XYZ05, XLY+18, ZDL+19, RBS93].

D-Grid [GR09, GGM+99, LBB+09]. D-S [ZDL+19].

D/ [AKB18b]. D2D
[YXZG16a, YZC19]. DAC [WLML17].

DAD [KK19]. DAEs [CFP03]. DAGs
[SK12]. DAI [SPK+07]. daisyworld
[PM14]. Dalton [ASV+13]. damage
[QZ+19]. DAP [RadARP19]. DAPSYS
[NFK10]. DARGOS [PMLVLS+13]. dark
[YLJ+17]. DAROC [SHI06]. DARS
[SYL18].

DAS-2 [HBJ+03]. Data
[ADB19, AAA+19, Ama88, Ama89, AW97, BA17, BSRR18, BMK+14a, CMEA+19, CLNR18, CCR18, CAB+18, CDH+19, DGR+15, DLH+17, EET18, FS97, FZT+18, FA11a, Fuk85, GBB18, GRL11, GGH+06, HSE19, HX19, J1L4, Jun16, K19, KPS18, KBP18, KLH+18, KT17, KB09a, KIM15, LZX16, LXF19, LWYS18, MGL+18, MCR+16, NNLH18, PN13, PH07, PPS+18, PPA18, QC18, RP+18, SVK19, SMS16, SFR15, SE19, SNX17, SD07, SCG+18, VV92, VEET18, WRK+15, WJS+18, WMN+01, WXGM18, WZML18, WDW+19, YTHY84, YZC+19, YCY10, YDD+18, YZI18, YCZJ18, ZLTY10, ZCX+18, ZCYZ18, AOIS10, AHEM17, APBD17, ABD+19, AAAQJ+18, AFSH+18, AFSH+19, ABB+19a, ATH+19, ARP14, AHYF19, ASO14, AIM+19, ATc+16, AWN+13, ASYF18, ASD12, ABF+03, AMT+12, ATM+19, ACK+15, AGA18, ACSV18, AKD+09, dRADFG18, Asu13, ALL+18, ACC+16, AK18b, AMBC19, APR+19, BAJ+19].
data
[BLL+19, BK16, BGI14, BBD+13, BJM+17, BAP17a, BAP17b, BAB12, BDWM17, BBC+13, BDZ13, Bha18, BKY18, BDCC19, BN17, BL92, BPS+03, BPAP92, BCW01, Bu18, BWG19, CZT+15, CQW+19, CMX+16, CVT19, CD16, CTT02, CGM+07, CLZ18, CCD+19, CTR+17, CHJS+10, CFM17, CGIP14, CPD+15, CCMP18, CKFJ06, CHJ+04, CCL07, CGL08, CLH10, CCS+10, Che13b, CPA14, CZXL18, CAL+18, CRGY18, CZZ+18, CSL19, CBT+19, CY01, CDB+19, CCM+14, CCG07, CPSRG14, CGST09, CTT07, CS97, CSP13, CSQ17, CDL18, CMZ+18, CBBD16, Cuz14, CLM14b, DMR93, DMMP98, DMM+99, DW11, DHW+17, DIPM18, DAM08, DFG+00, DP19, DMM11, DQWX19, DGD+16, DGGH+17, DKK+13, DF07, DSH+99, DLS+12, DXL+18, DZLA19, Dup90, DB09, EAS+18, EU19, EP13, EWG99, ED16, FTA+14, FG18, FSP02, FL+19, FB97, FZW+18, FD12, FSV+19].
data [FAJP99, FZZH14, FTK17, FNC11, FJT01, FM01, Fnt09, FNA11, FRM+18, Fra08, FS18, FsSC07, GQXL18, GACM17, GLC19, GVURBV14, GZS14, GHD19, GSC11, GJ15, GBY16, GGW+09, GML+13, GS16b, GS15, GLSV07, GBF+12, GCCL18, GLVC18, GCD+18, GTCZG+18, GDS18, GRX19, GP09, GG+03, GHJ+19, GG10, GFW+18, GLD+19b, GPVN19, GSV+17, GLB+18, GZQ+19, GB99, HKA+18, HSM13, HAT19, HLYW17, HC99, HAE+03, HBH09,
Data-Driven

Database

Datacenter

DataMiningGrid

DataTag

Data-aware

Data-as-a-Service

data-based

data-capacity

Data-centric

Dataflow

Dataspace

Datasets
Bull18, FBM19, HND06, Ima19, LLW+18a, LYY+18b, MvdV01, MSBA16, PLL+18, PSLZ18, Pr95, SMC18, WHZL10.

decomposition-coordination [MSBA16].
decoupled [LSJ+14]. decrease [KIS11].
declined [WCWC19]. Decreasing

[VGC+13]. decryption [XTZ+19, XYM+19, ZSW+18b]. dedicated [BBB16, DZ04, NP03].
deducting [RB12, SL87]. deduplicated [MKRD19].
deduplication [KH18b, SAR18b, WLA17a, WLA17b, XFJ+19, ZFH+18, WLM17].
Deep Duplication-Assisted [WLML17].

DEED [YZC+19]. Deep

[ASYF18, DDD+19, EU19, GSC+19, HDA+19, LYYW19, ZTC+19, ZYC+19, ZLZ18, ABDH19, AQAR+18, BWG19, CFMC19, CAL+18, DFG+19, DC18a, GLC19, HDFS18, HUMA18, KMK+19, KLS+19, LBD+19, LLH+17, LXT+19, LUG+18, MFSV19, RSY+18, SD18, SHL+19, TBS+18, TYWZ18, UMHB19, WCB+18, YWLL19, ZZ19]. deep-learning [CAL+18].
deep-regression [AQAR+18]. DeepNet

default [CPW19]. default [ATT96]. defense

[ASA19, CWLZ19, DCC13, GHYK18, NNC+19, VSP+14, ZJW+14]. deferred

cryptographic [CSQ17]. define [ABD+19]. Defined

[BRH18, CWL+19, IDKD19, RGLS19, SMG18, CJK+18, CKP+19, CS19, GZLZ16, GHYK18, GTSP+19, GXL+18, HYG+19, JAAD+16, KJI11, LGP+19, LLW+19b, LXM+18, LRC+18, MKRD19, NAGD18, QCY+19, WLA17a, XFJ+19, ZGL19, ZWJ+19a, ZBC17, ZSZ18]. Defining

[GS09, UDST19, MEBA12, MR03b].
definite [Am06]. Definition

[CGT07, GHO+11, HMS+06, LRG+06, LS05, Sz01].
deforestation [ALFR16]. deformable [RDSA18]. deformation [JHC10, Tor04].
defragmentation [RT15]. degeneracy

[DMN+05]. Degeneration [TBS+18]. degree [LJJ18]. Delaunay

[LGVM02, XSM04]. Delay [ACC+19a, BARMB14, CLRL17, KV09, LCL14, RMDB18, SZK19, VSKS19, ZTKX19]. delay-based [CLRL17]. delay-sensitive [LCL14]. delegated [SBL18]. delegation

[AH11, JSMG18, RPH19, XZP+19]. deletion [LZLL18a]. Definitively [DFSZ88].
Delivering [ACC+19b, PMDS18, QCD16, Zn00, BYV+09]. Delivery

[GC00, SST18, FAL+19, HAT19, HAE+03, HSDL13, KKK18, LMZ+14, LPE08, RMVG+10, ZLT+04, Zhu18]. Delphi

[ACGdT02]. deluge [TGM+19b]. Demand

[CAB+18, SLSS19, BPS+03, DEG+17, FMR05, KLM+05, Len16, LWH+18, LWZ18, MHW+16, PYH17, SSF+09, TDC+14, WWC+97, SCN+14]. demand-oriented

[LWZ18]. demanding [TMT+99]. demands

[KPM+18, SCB04]. dementia

[NDZ+18a, NDZ+18b, NDZ+19]. demonstration

[CALN03, HRJ+06, VRGR16]. demosaicking [HLC16]. dendritic

[EAA16]. Dendron [PMK18]. Deniable

[DA18]. Denial [IDKD19]. denoising

[BTG19, GDAS18]. Dense

[RCW+19, DS04c, HPP94]. Density

[GBY16, ZS14, DRS04, LZXW13, ZZ19]. Density-based

[ZS14]. deontic [SZR18]. dependable

[AR07, BCC+17, WTK07, WY17]. dependence

[XFM16]. dependencies

[BB13]. Dependent

[BB17, CP06, Dau94, GTMZ17, MCRB19, Nos98, Tab06]. deploy

[ALTG19]. Deploying

[PCBD99, MVC+13]. Deployment

[TCB+17, BJA+05, BARMB14, BGRBA19, CZE+18, CdCD07, CGL15, HSH+07, KTKN11, LWH+18, LLW+12b, LSMV13, MAJD18, MGLPPJ13, MCSA18, MW12, PSP+09, PPSS06, RCMT18, SCJ+19, VCL+19, VSDD13, dOWdAS+18, WG13, WLH+19, ZLZ13]. deployment-based

[CdCD07]. deployments [LPD+13].
depression [CFL+15]. Depth [HZZ+18, XTL+19]. Derek [Ano87b].

Derivation [DRNMC09]. derivative [GKS05]. derivatives [BBL+05, SBLT05]. derive [LN13]. derived [De06, YMW13].

Deriving [MdOO+17, CHSA18, CFVP03].

descent [WL18a]. describe [vdHDT+06].

describing [BBT19]. description [DJPM18, HK88, XLL+90, DJPM18, XGA18, DJPM18, WXYL15, WSL+90, SCK+90].

Descriptive [SGdMM96]. descriptor [LZL+12, PSS+18, Var03]. Design [AMN18, AAB+10, Bag9, CCDS08, CBS17, DCFB19, DVD12, HZDS19, J011, JNR12, KO11, KANS+18, KLIW+17, LCP04, LKY04, LL04b, LJS17, LC03, MK17, MSK+03, MCWP16, NS99, NP06, PSR+07, PMT10, Qin07, RPH19, SPR+10, SYCH18, TMM+13, TBB+17, WDKV19, XKJ+18, ZY90, ZYA+18, ZZQ+13, dSK+19, AO06, AMB03, AAD+13, BFP18, BBC+19, BKG05, BSRR18, BB06, Ccrr92, DMR93, DDV92, DS09, DSD+11, DBD+14, ECPF17b, FD02, FAJP99, FZT+18, GdCP19, Ger02, HB09, HIA+18b, HX19, HLL+19, JIQZ18, KKL09a, LRYJ17, LMH+09, MB01, MOBD18, MBZL09, MNY+19, MVT+99, MHT+18, MWMA10, NHT+19, N+00, PP19, RHH+16, Rö65, RCOP+11, SCk+00, TWW+18, TC92, UZ11, VVC+03, VSM02, VR00, VPP+19, VP94, WWB+14, WXYL15, WSL+19, WGM15, dOWdAS+18, WKT00, XZL+19, ZDL+13, ZLG+14].

design-space [SCK+00]. designed [JZJWZ04]. Designing [AB18a, BGL+05, GBE00, LTGW19, ODOD+13, ST98, XLL+19b, CFPC17, DCGH+17, Mé17, TKT+08]. designs [BG+19]. desirable [PKB19]. desktop [BCB+07, CLE+14, DSS07, FK12, KWK16, KFC+07, KJ12, KKL11, LILW13, RLPK12, SWW+18, TPBS14, TKTG19, VKK14, WFC07, CB10, KNK+08, KLM+05, LTOT07, SBHDO8]. DESRP [LWZ18].

desynchronized [Tur18]. detailed [LR06].

detect [JXC+19, LYS+19, PZC19, SAG19, ZZN04]. detected [BCF16].

Detecting [BOHCC17, RKB18, WLW+18, AMM16, CZ14, LA19, SCB04, SM18, SK05].

Detection [GMLGB+17, GHP+18, GLXF17, SAPA17, ZJW+14, AD18, ABDH19, AMI16, AIP+19, AHMS18, ASYF18, AKM18, AS18b, ALFR16, AM19, BTG19, BBH18, BR19, CXXZ18, CYW+19, CCCP19, CRC+19, CWLZ19, DJPM18, DNJG17, DC18a, ENC+12, FJ18, FZHH14, FS19, FCD+14, GAKFO12, GPP+14, GRS+19, GNGG17, GSY+17, GSC+19, GMCM16, GCMC18, HTL+18, HJA+19, HHS98, HCJ13, HZ+18, HZ+16, HAA+16, HIA+18c, JHNL18, KHWZ18, KIAD17, KJ+19, KAW12, KTV03, KKP00, LRL+14, LYJ10, LLN+18, LJJ18, LTWM19, LYY+19, LYT14, LSL+15, LJJ+19a, LXT+19, LYYW19, LWR+19, MH19, MAY18, MGA+18, NK18, NGB18, NJ17, NO19, PKM18, PRW14, RBGA18, SPT+18, SC19, SOD18, SD19, SMRM13, SI18, SSA+19, SB18, SGBP19, SG5+18, SBK18, SJL+18, TBS+18, TMB+19, VSBN19, WWH+17, WJS+18, WWZ18, WXZ+18b, WCM+19, XFTZ16, XJJ+19, YWJ+18, YARH18, YCXW18, YSL+19, ZZB+18, ZGV19, ZRZR19].

detector [MdFTGM19].

deterioration [WWX+17].

determinant [GSC11].

Determinants [CT19c].

determination [Dör05, K10b].

determine [FM10b]. Determining [SOA17, SS17].

determinism [WPGN+18].

Deterministic [Guo01, MKH06].

deterministically [LOK09].

deterministically-routed [LOK09].

Deterrence [SMF+19]. develop [Ham19, ZBF14].

Developing [AAB+92, DW87, GW01, HZZ+14, HCJ14, LMP13, SR19, GJS+94, Ham17, Kim14, LJS17, LGS+07, LK17, Reu03b, SWW+13,
TKA\(^+\)18a, WCH\(^+\)18b. Development
[BFR05, BHH91, DDO\(+\)92, GML99, IMKB89, YA02, BDGY05, BHH92, Cas94, CGL15, Dal03, Dek86, DZJ\(+\)00, FJ00, FR08, FSP\(+\)18, HRSW99, Hen87, IMSV90, KDFL99, KV03, LJ90, LWHS07, Mat89, MMPF19, RG04, SBLW14, Sp12, SHJS\(+\)10, SCJ\(+\)19, TBK\(+\)10, TF17, TCBC18, WWSM98, dF8P\(+\)17].
deviation [SCH94, SSZ13, YAGG18]. Deviation [WYH\(+\)17, HKP10].
Deviation-based [WYH\(+\)17]. Device
[HCHH19, WWVJ17, CLK11, DLR\(+\)09, DSBC19, FRM\(+\)18, FHG95b, Kaw92, KPG19, LPL\(+\)16, MKS18, SGFS01, SLDK03, SW06].
Device-to-Device
[HCHH19, WWVJ17, DSBC19]. Devices
[BDM\(+\)19, WLP18, APRC19a, AKB\(+\)18a, ACD\(+\)19, BSRR18, BOP\(+\)14, CRRC18, CBPP18, CRC\(+\)19, DC17, EYY19, GMM18, HMB18, HCH\(+\)18, JCA\(+\)19, JKLK17, KMU19, KK97, KKA18, LKJ\(+\)19, LJ9b, LCMX16, LNY\(+\)18, LYL\(+\)19, MMC\(+\)18, OB04, PCK19, RSRA18, SAGGB17, SGS\(+\)18, TLC\(+\)15, VFHB14, Wan18b, WWG19, WGX\(+\)19]. DevOps
[WBK16]. DEVS [SZP00]. DEXIN
[FLT17]. dexmedetomidine [FHHM19]. DFINT [QC18]. DFT [BST\(+\)04]. DGC
[TF18]. DHT
[HKO18, HZ10, PTT12, TJWS10]. DHT-TJWS10. DHT-based
[HKO18, HZ10, PTT12]. diabetes
[GP11, VFFB14]. diabetic [NDA\(+\)19]. diagnosis
[AAN\(+\)18, AASH17, BvdBM\(+\)93, CLZ18, CFL\(+\)15, CD99, DFT92, FM01, Han89, KHO\(+\)19, KLV\(+\)18, KE85, MH01, Suy93, tTvH96]. diagnostic [ASTEP98].
diagonal [DL03, PSS\(+\)18]. diagram
[KS02, SCK\(+\)00, WZW\(+\)19a]. DIALOG
[ZT90, ZT91]. Dichotomous [RRKA19].
DICOM [EGAQ09]. dictionary
[DP16, ZWWL18]. difference
[AO06, BG12, CS93]. differences
[Nt86, PBHK01]. different
[BARM14, DFGR14, JZWL17, RJN\(+\)19, RWY\(+\)18, SDO6, SII\(+\)19, SCG\(+\)18, vM94]. Differential
[DL03, BC03, Dl06, HZL18b, KS18c, LWZ18, PSY\(+\)19, SS03, WZ19]. differentially
[WLL\(+\)19a, ZLXZ18]. differentiated
[PEG05, SPBT07]. differentiation
[Buce05a, Buce05b, Fau05, HNP05, HHG05, HNS05, Pal06, Röbo6, SBLT05, TSBH11]. DiffServ
[BLO\(+\)18]. Diffusion
[BKS98, vdS04, BMAP01, Ban02b, DHO16, JNR01, KHC04, M02, TGG\(+\)19, WRCC17, CSV\(+\)12]. diffusive [BMZ10]. Digital
[AFS16, LCHW14, MLG\(+\)11, QC13, QC18, SR19, T08, AMM19, Bro19, CCM18, DGA18, FBBW99, HEM99, KY85, LCH\(+\)11, MJGW18, NXX09, PCM99, PKP19, QCX18, SFFR19, SSA\(+\)19, SST\(+\)06, Wei11, WSTW87, ZMMS18].
digitised [OPT\(+\)17]. dimension
[SAKOK03, ZAB15]. dimension-ordered
[SAYOK03]. dimensional
[BP02, BS04, CHJ\(+\)04, CFL\(+\)18, DS04b, DJPM18, DSH\(+\)99, D99, EFD00, EP13, FNA12, FCH95b, GDAS18, Pal01, PM14, SWG\(+\)16, SS17, SJJ\(+\)17, SW02, WZW\(+\)19, WW11, Wex99, XSM04, YPK12, ZFW14, ZZZ17]. dimensionality
[BFL19, MZYA19].
dimensioning [TDG\(+\)08]. dimensions
[EHT10, WMBV17]. DINCast
[GNWT05]. DIPAS
[TBKN09]. Direct
[EDH\(+\)13, NEJP94, VWWV94, ECE\(+\)19]. Directed
[WTC\(+\)02, DK14, RSR01]. direction
[DHW\(+\)17, Dör05, Fur92, ZG18].
direction-preserving
[DHW\(+\)17]. Directional
[CLL\(+\)18a, ABS\(+\)18, LOK09, Mar02, OS06, XZW\(+\)19, YPK12]. Directions
[CDFZ16, AN04a, CGBAP18, GVBG17, GBMP13, HRC19, LLWZ18, LKM91, QK19, VB18, YS16, dCTVC18]. directly
[De88, ZCT\(+\)04]. directory
[Ohy89]. Dirichlet
[KDE04]. DIS
[RdSH\(+\)00]. disabilities
[RMSPP17]. disabled
[HFT16]. disaster
Dissipative [WZL18]. Distance
[FGRZ09, PYH+18, TKA18b, ZL13,
CZL+18b, HKU+11, LYW+18a, OMKM+19,
SPT+18, WWD+14, ZSGJ19].
Distance-aware [ZL13, ZSGJ19].
distance-fitness-based [CZL+18b].
distances [MGH+05]. distinguished
[HWW04]. distinguishing [SM18]. distress
[MNC+18]. distribute [FT07]. Distributed
[AWYJ16, Bag16, BDF+99, BCT+07, BM08,
BBSV92, BM92, BKK02, BDHK06, BPS+03,
CTT02, CGV10, CZY+18, CMT16, CKLC06,
CTT07, DRC+19, DUV90, DC18a, EH10,
FC09, FJT01, GLVC18, HH98, HCZW17,
HV92, HB00, HAB+06, KK00, KGX95,
KKS+18a, LSG+19, LHWS07, LLSH07,
Mul92, ML17, Od14, PT16, PZY16, Pip18b,
SSG17, SKJ01, SSL13, SLW01, TCG14,
VVC+12, VVC+03, WMLS14, WM07,
XHL+19, ABS11, Adl14, AT01, AB18a,
AB19c, AMB+92, AKB+18a, ABE+15b,
AGJN00, AB16, AB03, ADLM18, Bag11,
Bag19, BMRW01, Bal16, BFL199,
BVFGWA15, BKG05, BC15, BR92, BW95,
BB06, BDZ13, BR19, BAD+05, BGML17,
BDL06, BFW+03, BRNR15,_BGR+99,
CMZ+12, CPGD+13, CM01, CMT92,
CWD04, CZL+18a, CDF+05, CRC13,
CLR16, CBK+01, CDDR17, CCL11,
CBT+19, Cho04, CCM+14, CS93, CGST09].
distributed [CPLH19, CGM+18, CRM05,
CBbdL16, CLM14b, DCL00, DBA98,
DM08, DT93, DRNM09, DR15,
DDM+08, DL00, Dn03, DdM10, DDB14,
DM12, EK11, EBOY14, ECPF17a,
ECPF17b, FGRZ09, FB97, FAJP09, FGG13,
FJ00, FFP10, FM10a, FBBW99, FSP+18,
GA13, GMEL08, GAI+18, GA06, GM16,
GM11, GKT15, GW01, GSY+17, HC99,
HAC92, HKPT10, Her91, HST+18, HPP04,
HZDS19, HLNM11, IS18, JRJ+11, JSK+06,
JLD+19, Joh92, KMB16, KS11, KANS18,
KYB+19, KB18, KIM07b, KK08+08, hKcF09,
KKL09b, Kob92, KB00, KBB+16, KOP+17,
KKP00, KJ18, LB03, Laut01, LR06, LCBF13, LL03, LZL+17, LGW+17, LKG08, LWSO76, LLW+19b, LC15, LSH+11, LZXG12, LKK+16, LMA+19, LBU+10, LCCM18, Luk89, Luk00, LM12, LMH+09, MYHZ18, MCSS00, MDA+19, MSS+16, MLSF16, MAA+19, MGLPPJ13, MROD10, MMR02, MW12, MFVF19, MQN19]. distributed [NFK10, NSI02, ODK+17, Ole07, Ost92, OS01, PBV+13, PdASM18, PY00, Par04, PSW+14, PH99, PX07, PGTBC18, PSG+06, PMT10, PZY17, PBC99, PVBN05, PSBB15, QP08, RHI+16, RHB08, Reh06, LRRC13, RMHC19, RMHMG17, RM97, SB19a, SGRT19, SZC05, Sap88, SZP00, SBSdI06, SY04, SD02, SLG+17, SMSF18, Sin92, Slo96, SD03, SHJ06, SLO+05b, SHLB08, SM96, SSLF+10, TC06, TJL00, Tbd16, THT12, TBNF09, Udv18, VPT+15, Van93, VR00, VLB03, VLS09, VOS12, WHZ10, WTR+13, WWW+16, WHS+17, WSH09, WHYZ17, WHYZ18, WB90, XZW+19, XXY+19, XXB19, YA02, YHJC05, JVS18, YZW14, YWF+10, ZCT+04, ZLD+03, ZMS+06, ZWL13, ZZW+13, ZSX+15, ZWHC17, ZTWF17, ZWO4, ZCW+04, ZW10, ZB19, ZSB19, dSGD13, dSFD+19, dKdOs03, dLB10, BCf+10, CT09, WAEO6, YMY+17]. distributed-data [FB97]. Distributed-Memory [BM92].

Distribution [KK19, KT17, AC18, BTP06, BGP+17, CRC13, CYH04, CdRRICB19, DLW07, DS08, DJH+19, FHZW18, FR08, GZL+18, HFM19, HAAW18, KTKN11, LBD18, LGH97, LJY10, LSY18, LOK09, LJW+19b, MOFP18, NXX09, NMZC06, NK17, SA14, Tor13, USK16, VCDK18, WFC07, ZTWF17]. distributions [BARM14, BDHK06].


Doddington [MCRB19]. DOE [RS16]. Dolev [BDNN02]. DOM [GCG18].

DOMAIN-Based [GCG18]. domain [AMI16, BFK02, FSM+18b, GZLZ16, GxD+09, GDAS18, GSY+17, HND06, KZA+18, LKA+19, MvdV01, Pri95, SC19, SMC18, SCEC18, SLY+19, SSB13, WMBV17, XZW+19, XLW+17, YZL+18, YLC+06, vOHD+05]. domain-oriented [XLW+17]. domain-specific [BFK02, KZA+18]. domains [AL14, BCPS03, KOT18, LLM+16, SG17].

dome [K011]. dominance [ZZS+19]. Dominated [BRH18]. Donald [Ano87].

Donating [WPJ16]. door [ZTC+19].

Doores [vdR87].

Dordrecht [vdR87f, vdR87k].

Dordrecht/Boston [vdR87k].

Double [LEW19, DCBF19, KA88, LBJ+18, LY18b]. double-orbit [LY18b]. down [SCH+19].

download [CGL08, Li15]. DPM [CGM+18].

DPRank [BBR18]. DQP [LHM+09].

dragon [CLR16]. Dragonfly [CT19a].

drainage [ZZM+19]. DRAM [CSSJ+17].

drawing [Bue05a]. drawings [Niw89].

DRAxML [SLO+05b]. Dreyfus [Zad87].

drift [HXC+18, IdAP19, TSRG17].

drilling [LZL+19a]. drive [SYW17, V19].

drive-thru [SYW17]. Driven [V92].

YTHY4, AJY12, BFS+17a, BFS+17b,
CVKB12, CSL19, DCC+14, DWS12, FC05, FFC+18, FZT+18, FTP14, FG14, FFC12, Fre94, GEG14, GBF+12, GMP+16, GHJ+19, GTKK15, Ham17, HHK18, HB19, KCK16, KADJ14, Kol18, KKS+18a, LJC+19, LXF9, LvW14, MTH+05, NJH+18, NJ16, ONHT89, Pal13, PMK18, PKC+05, PdAF12, RZ16, RBN13, SBF+09, SLŽ+09, SMS14b, TSS+19, TCBC18, VCKB12, VETT16, VPF+19, VVCV94, WLH+19, XXW19, XJZ+19, YMLT13, ZCM19, ZAA+14, ZCX+18, ZLT+19]. driver [JCMPPC+18].

drivers [PWP+18]. drives [PLZX19].

driving [FPL+19, LKM10, OMKM+19].

drone [LLN+18]. drones [PECA19]. Drop [CNP+19].

dropets [DY04, QC13].

DRTFIS [HDA+19]. DRTN [DJZ+15].

drug [HSP+17, KKL11, MMV+19].

drug-protein [MMV+19]. drugs [WAW19].

drying [Jun18]. DSM [CCS+10].

DSM-based [CCS+10]. DSP [EFD00].

DStore [XXB19]. DT [vKyW+13]. DTA [XWJ+16]. DTN [WSZ+18].

DTRM [LHX+18]. Dual [HPL+19, BWR12, BW31, ESPN17, VAdP12, XZZ+19, ZDR07].

dual-band [VAdP12]. Dual-Level [ZDR07]. dual-port [ESPN17]. duality [UM02].

duct [HXB+19]. dumps [Dal06].

duplex [WGX+19]. Durham [Her87].

during [AKM18, BDM+19, BWR12, Niw89, RS17b, SK18, SLC+17, SE19].

Dutch [BVP+87]. DVC [CT09]. DVFS [BBC+12, KAEC+18, SK19, WCC14]. DVS [LCL14a].

DWARMS [WZS+18]. DWT [KHO+19]. DXT [HSP+13].

DYMOS [Su89]. Dynamic [AMT+12, ABB19b, Ber00, CsZG+13, DMC+08, DLDTGMP16, DDR+07, EG18, GGD+18, GMM+09, HYG+19, JEB18, KKK+19, KMK9, KMK+14, LD17, LZZ+19a, LCL+18, LH07, LWSY18, MNV12, MDO+15, NV11, NSSA+14, OSHH96, PSSP16, Reh06, RN01, RSJ+14, ST11, Sch98, SE19, SLJ+06, TLYTO5, TMW+17, TMP15, TSAER18, WCHL10, XWJ+16, YZC+19, YC18, ZAB15, vOH+05, AAC04, AFP07, AHL11, AL14, AKPN01, ASD12, AN08, BML18, BN17, BTM10, CLRL17, CDDR17, CJHH13, CWi+18a, CGSV17, CNP+19, CS19, CBBdL16, DSK+14, DHB02, DBP19, DGR+15, Dol09, FLT17, FMN+17, FAL+19, FVFA98, FWB13a, GQLX18, GEG14, GS16b, GMEL08, GB10, GNWT05, GLB+18, GZQ+19, HZW+18, HRVW18, HMW14, Hua05, HPLL19, HBN+13, JBR+16, JSS+12, JK17, JM01, KIS11, KCM19, KID+16, KC19a, KHI18b, KAS+18, LCP04, LY18a, LXJD18, LYY18, LHM14].

dynamic [LJJ12, LN18, LRMC94, MGY+06, MPC+18, MWCK19, MR04a, MTD18, MDD15, MSE19, MW12, NPP12, PA01a, PAL+19, PZ14, POJ+16, PF17, RML+19, RB18, SR12, SHP+16, SRZD15, SLD+15, SLG+17, SGdMM96, SGJ18, SSC+19, SYAL13, SYL18, UDST19, VAdP12, Ven08, WG00, WCM+19, WWZC19, WZD19, WLA18a, WZ13, XWjYF19, YZL+18, YZ12, YMY+17, ZSM18, ZDR07, Suz89].

dynamic-key [LCP04]. Dynamical

[LMC08, BKB18a, GLW99, Lop03, MPQ03, THT18]. dynamically [AAB+92, ABN17, LKL17, QCJY17].

DynamicCloudSim [BL15]. Dynamics [vOB95, Ban05, BMZ10, CM99, FAP09, GPS+17, JTB13, JL03, KVK+18, MCRB19, MF93, MR00, PHM+99, SCK+00, Tal04, WJL18, Wes99].

e-commerce [KFG00, ZL18]. E-Health

[AMSPL19, WMX+17, KJ+19, RGN+18, VRS+19, PKY+17, YZL+18, YZG+18, ZAA+14].

e-Healthcare [ZXL18, JNS+19, LZX18b].

e-infrastructure [MSS+13]. e-Lab

[BGJ+06]. E-learning [CJN+15, CLL+14, TNY17]. e-mail [LL01b].

e-markets [VPT+10]. e-payment
[CLM+14a], e-Science [BDP11b, CBN16, CF09, DGST09, HT02, ZBB09, BHD09, JHL+06, SAGL10, SBG+09, AC10, BHI13, KA13]. e-Social [LSAM13]. e-Toile [BBG+05]. e-VLBI [WWD+14].

E2S2 [KLPI19]. Eager [CK00, KGW95, MSS02], eagle [GJGB19, LPY+18]. EAMSuS [MPI+18]. Early [AAJ17, ACE02, ZPPE17, SPT+18, UZ11, VMN+18]. earth [GNOY01, SSMG95, Bre89, CCM+14, FPX+09, GSGPP+19, TWC+06, WKZ+03]. earthquake [BSE+13, ZPPE17]. Easing [LP01]. easy [ABF+03, MZC08, ZDW+16, vdPGZ+16]. easy-to-use [vdPGZ+16]. EasyGateway [GRZ+19]. EATDDS [ARSMY19]. Eavesdrop [FZW+18]. EbH [GMdFPLC17]. EC2 [BC15, FE ´A19]. ECA [KA08]. ECAI-84 [Ano84e]. ECG [CPK05, GMdFPLC17, IASK14, PVN+12, PLGMCdF18, SD18, WZY+19, WPS+18].

ECG-based [PLGMCdF18, SD18]. ecoinformatics [PWB+13]. ecological [KSSG16, PSW+14, TSTL16]. Economic [AB19a, ABGMc19, TBR+19, YW12, ATM+19, CC19, DQC+19, DSo8, HAP11, HAP15, LTN10, RMCMD12, WDZ19, dACAM13]. Economic-based [GYW12].


Edge [AJR+19, AR17, AHM+18, CLH+18, DMC+19, GSP+17, JJH19, KAHA+19, LOR+18, MPM18, OFM18, SST18, WZM+18, AHS+18, ANG+19, AHU+19, AK18b, AMBC19, CFG+19, CGSV17, CGM+19, EBCP18, GRX19, GCZ+19, HHS98, HMZ18, HMA18b, HMW+19, HLT+18, HLT+19, IGl2, KZ17, KA19, LW18a, LTTL19, LY18b, LWZ+19b, MLc+18a, MBMTJR18, QZD+18, RGN+18, RR18, RLM18, SPJ17, SYJA19, SCAC+19, SLl+18, TGM+19a, WMJW18, WLH+19, XZW+19, XZP+19, XLL+19a, XXQ+19, YCH19, YCX18, ZZ19, ZYC+19, GQXL18]. edge-based [CGSV17]. Edge-centric [AHM+18]. edge-cloud [AK18b]. edge-crowdsourcing [SYJA19]. edge-IoT [EBCP18]. Edge-of-Things [GQXL18]. edge-stream [GRX19]. edge/cloud [ANG+19]. edible [Jun18]. edited [Zem86]. editing [LHCC18]. editor [ANO87k, BB13, KDFL99]. Editorial [AKvdR86, ADLW12, Ano84f, Ano86g, Ano99, Ano19b, Ano19c, Ano19d, BBR03, CBR01, CRW+16, DHS00a, FM01, GVTdL18, Her94, HBl98, Kaa98, KG01, MA01, ON85, OS10, PC18b, PR03, RB13, S3V19, SG95, TKRA14, VN01, W100, YAGG18, ZE01, AB01, AD00, Ano01c, BJCO2, DDS00, FBS18, Flh03, HP92, KK00, LBR02, LC01, S3Z13, Tan02a, vdR93a, Ano84g, Ano86f, Ano87i, Ano88c, Ano89f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m].

Ano19a, Ano19e, Ano19f, Ano19g, Ano19h.

Editors [Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano02b, Ano03h].

Editorship [Kaa99]. EDPEPPS [DZJ+00].

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

education [AMB03, Avg00, KACN16, KZBK99, MM18, SG19, Wie03].

Educational [AD00, MJ00, Jon00, RMM+98]. eduGAIN [TO80]. EEG [AHD+99, CMI+19, De 98, JSS+99, KKP+05, WZY+19]. Effect [FHLM99, PLGMCdf18, Tor04, Bo19, RWY+18, WWP19, YGW+19, Nis86].

Effective [KV17, PKF14, SCBK+16, BAD+05, CWJ+18b, CC00, CSQ17, DMC+19, DLS+12, GR07, HHILI, HCL07, HYC+18, HPLL09, KS18a, KKW19, KK16, MFG+14, PRF16, RT16, SBA+17, SK19, WHW+17, WMX+17, FY17, ZBCT17, ZRZ+14].

Effectiveness [YZI18, ECPF17a, Man15, PM04]. Effects [JK17, QXZ+19, CN17, GPS+17, HSS00, LRYJ17, LSL+19, PML14, Yam92].

Efficiency [ZMN99, DDB14, Dua94, FTK17, GLJ19, IDM+16, LJR18, KSSG16, KHG+18, KKVd+17, KV12, KDGP+19, LSH+18, LPL+16, PLLA18, PR95, SLD+15, Sta17b, SG15, TKA18b, THT12, VEET18, WXLY16, ZMS+06]. Efficient [ABB19b, BK97, Ber98, BBL+05, CXL+17, CAPG18, CXC+18, DZ98, DLH+17, FXG+19, FGG13, HFM19, HZX18a, HDWL13, JC08, KCV11, LLYW19, LR01, LQK+16, LAL+14, LKK+14, LHO17, LFHQ19, LNL19, LSTV07, LLM+16, NWMG17, OBG+18, PHL08, PRS+13, PWMX17, PPS+18, PRN14, RMI11, SJ14, SL87, TLC+15, TV08, VKK14, WCC+16, WHS+17, WCM+19, WZC17, WXW+17, YZC+19, YHL16, YLA18, YNLY19, ZGB+17, ZXJ+14, ZWL+16, ZFS+18, ZWJ+18, Aba09, ABMM18, AMH02, AR15, AQRH+18, ARP14, AYF19, AS18a, AAM+16, AK18b, AMBC19, BK16, BZ19, BAB12, BPS06, BFR05, BMH10, Bu18, CMX+16, CRM+16, CP17, CFMC19, CML+14a, CSJ+17, CZXL18, DSBC19, DHRW+17, DAM08, DVD12, DQWL15, DR18, DNP14, FJ00, GdCP19, GD10, GKS05, GKD18, GBF+12, GCZ+19, GNWTO5, HMH17, HHH05, HYX13, HYS17, HYS18, HLT+19, HMP04, IOV+18, JHH19, JYY+17, JLCC12].

efficient [JFZL17, KKN18, ECE+19, KKB18, KMT14, KLP19, Kyr99, LRD18, LY17, LY18a, LB18, LLQS14, LCL+16, LLC+16, LLY+18, LAL+15, LSYC18, LC01, LCI5, LZXG12, LG16b, LCMX16, LW17, LSY+19, MNV12, MPP13, MMF16, MP17, MZD+16, MLM16, MAC17, MGLV04, MMRL17, NF07, NPP06, NRV+17, NDA+19, NWL17, PSPP16, PPZ12, PY00, PWY03, PDH18, PLP+19, PPMM+18, PF17, PVB05, PPL17, QZM+18, QMSG12, Qur19, Ra17, RGS18, RG04, Ru99, SB14, SC16, SAG10, SJTN18, SSSJ19, SGJ18, SLS+09, SRN+18, SCBK+16, SK19, SHL08, SYAL13, SLA+16, SLB+17, SLY+19, TDSH16, TPBS14, TIS07, TM05, VVB13a, VTK17, VS19, VCD+18, VGD+19, VGC+13, WHMO13, WFC07, WCC14, Wn16, WPJ16, WHY18, WLHH18, XZZ+14, XZL+19, XDH+17, XL18b, YPZL17, YYD+14, YZW18, YDT19, ZQZ109, ZL13, ZTF17, ZCL+18, ZSSZ18, ZXL18, ZYCZ19, ZXD+19, ZFC17].

efficient [ZFC18, dRTK92, LOJ+07, MIP+18].

Efficiently [ABL04, BRR+04, SSC09, XTF+19, ZZC18, BSE+13, KTY03, LFH+15]. Effort [MIZC10].
efforts [Ano84].

eHealth [FFC+18, PZA18]. eID [FRZ19, SGCCR+16].

eigen [CHJ+04].

eigendecompositions [DP03b].
eigenvalue [BV04, Del06, Prz03, SKE+08].
eigenvalues
endoscopy [KHO+14]. end-to-end [BGAP+17, LOR+18, MGNI+16, HRPV17, AHP16, ASAB+18, MWL+18b, PVSS17, PWP+18, RAA+18, RMDB18, Wan18a, WDZ19, WZCH17, XZP+19, XTZ+19, YWJ+19, YCT15, ZJX+14, ZDW+16, GMD+FPLC17, LAL+15, Sar18a].

**end-device** [Wan18b]. End-to-end [BGAP+17, LOR+18, MGNI+16, HRPV17, AHP16, ASAB+18, MWL+18b, PVSS17, RMDB18]. end-user [LASL16, RAA+18].

**ENEAGRID** [MDA+19]. Energy [ARSMY19, ADA+19, ASI18, ACI18, BAB12, BBC+12, BCDP12, BRB+19b, CP17, DQLW15, DDB14, DMII14, DCMW17, GBF+12, GCZ+19, HCHH19, KKvdB+17, KCS+14, KV17, LBM18, LGL+17, LYYY18, LSYC18, LGI6b, LBB+09, MGT18, MMPF19, NDA+19, OCCK14, PLP+19, RGM+19, SYJ+19a, SCY+18, SLV+19, THT12, URKM19, VEET18, WKC+13, WWZC19, Wu16, WLHH18, XZL+19, YZC+19, YYY+14, ZMTT16, ZZZ18H, ABB+03, AKI8b, AMBC19, BDP11a, BAI11, BMK+14b, CJ14, CLP+14, DKV14, DSB19, DFI16, DNP14, FTK17, GDS18, GFW+18, GAA19, HFL+19, HLL+17, IPCA+16, JLS18, JFZL17, JEB18, KANS18, KSF+13, KHB+18, KMT14, KLP19, KKX+14, LTC12, Len16, LIN+13, LPK17, LPK18, LLQS14, LOR+18, LJJW18, Li18, LCZR12, LZXG12, LCMX16, LPL+16, LIIH+19, LFY+19, LYH+19, MNV12, DPBK16, MPF+16, Mat18, MZD+16, MFAGV19, NASS+14, NOQL13, PSSP16, PLL18, PTD+18, PPMM+18, QCY+19].

**energy** [QMSG12, QCD16, Qur19, RHY+19, SHP+16, SB14, SMS14a, SSSJ19, SLD+15, SK19, SG15, TSD18, TDSH16, TPBS14, TSVGVRSG1, TKA18b, VF18, VVC+12, VTTK17, VGC+13, WVC14, WHL16, WCC14, XZZ+14, XDH+17, XDHI12, YPLZ17, ZG19, ZAA+14, ZXD+19, ZAC+18, ZZZ17, dACAM13]. Energy-aware [ARSMY19, ADC+19, BAB12, BCDP12, DCMW17, LYYY18, MMPF19, WKC+13, ZMTT16, ZZZ18H, BMK+14b, JEB18, KANS18, KSF+13, KCS14, LTC12, LPK17, LPK18, NASS+14, ZAC+18, dACAM13].

energy-balancing [LYH+19]. energy-conserving [NOQI13].

Energy-credit [KCS14]. energy-driven [ZAA+14]. Energy-efficiency [DDB14, SLD+15]. Energy-Efficient [YZZ+19, CP17, GBF+12, LBM18, LSYC18, PLP+19, SLY+19, Wu16, WLHH18, XZL+19, DNP14, JFZL17, KLP19, LLQS14, LZXG12, LCMX16, LFY+19, PPMM+18, Qur19, SB14, SSSJ19, SK19, VTTK17, WCC14, XZZ+14, YPLZ17, ZXD+19].

energy-incentivized [BDP11a].

energy-saving [CJ14, QCD16].

**enforcement** [EKSDN19, Hua10, MG14, MG16]. Enforcing [TTH15, LHC03]. engagement [BDWM17, FTK17, Kim18]. Engine [BBC18, Bal16, DLH+17, FPL+19, KGT15, RLRC13, XLL18b, BG87, PS13].

Engineering [BLO+18, BZS18, GHD19, Kow85, ACI16, AAJ17, AMB03, Ano87b, BAPI17a, BAPI17b, Ben99, Bun03, CTMO06, DFG+00, Hir89, Jol02, Kim07b, Kow84, Mai91, Mat69, SK18, TY85, Van87b, VVC+03, Zhu14, ZWMC19, SR03].

**Engineering-DiffServ** [BLO+18]. Engines [HMS15, CPM+17, GRCP+17, XLZ+14].

Englewood [vdR87h]. enhance [GMB+05, HCL+17, LHX+18, MK19b, NNRA19, RM16]. Enhanced [HLL12, SMS14a, WDD00, AMN18, AV00, BDP11a, BAPI17a, Ben99, Bun03, CTMO06, DFG+00, Hir89, Jol02, Kim07b, Kow84, Mai91, Mat69, SK18, TY85, Van87b, VVC+03, Zhu14, ZWMC19, SR03].
BCC$^+$17, CT19a, CSP13, DMPS19, HLW12, KID$^+$16, KKKM17, KKKM18, NV11, PH99, RTS$^+$16, RGVGGSSZ14, SLW11, YZN$^+$15.

**enhancement**

[BMU18, CHS11, DZZ$^+$15, DGA18, LCL$^+$19, MYBMM18, SVN10b, ZLT$^+$19].

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

**Enhancing** [ACML05, AMR18, BAKB19, BHE$^+$19, BBLP05, CWL$^+$18, FM08, IPG$^+$18, KX11, TCH19, YMW13, ZCWW18, HYG$^+$19, SMPC12]. **enough** [BBD$^+$13].

**enriched** [LRJG19]. **Enriching** [KBdLG18].

**ensemble** [DEL19]. **ENS** [BBD$^+$99].

**Ensemble** [SB18, BMP$^+$16, CMT16, LPK17, LPK18, LYS$^+$19, PLLL17, RGAT18, WLL$^+$18].

**ensembles** [AdAP19, MDYN15]. **ensure** [CBT$^+$19].

**Ensuring** [MROD10].

**Entangled** [ADDV16]. **Enterprise** [ECA$^+$18, AGJN00, CM01, DDR$^+$07, GLSV07, JAA07, Kim07b, KKL09a, KFC$^+$07, NSP07, SSA$^+$19, dVXB$^+$11].

**enterprise-scale** [NSP07]. **EnterTheGrid** [An05c]. **entities** [JLU03, LWZ$^+$19a, NS19, XLZ$^+$14].

**entity** [BZHV19, LXX$^+$17, WLLF16].

**Entropy** [EHMS00, RDS18, RGHH18, WL14, Fre94].

**entropy-based** [RGHH18].

**Entropy-driven** [Fre94].

**enumeration** [MK03].

**envelopment** [KPS18].

**Environment** [BKS98, BP94, CWD$^+$08, LSS94, PMDS18, YG18, ANA16, ABB$^+$19a, ASEP98, AJY12, ADT03, ACC$^+$05a, AHYF19, AKB$^+$18a, AAD$^+$13, AK18b, BAJ$^+$19, BJ12, BMWR01, BBD010, Bar11, BKS$^+$18, BKK05, BPP$^+$07, BDZL13, BBMG10, BCB$^+$07, CLP95, CSC$^+$05, CTT$^+$08a, CCD08, CCL11, CMI$^+$19, DJZ$^+$15, DCL00, DL19, DZJ$^+$00, DW11, DRS$^+$97, DMZ09, DT93, DL00, DR18, DCC13, DGDL15, EKI11, EHT10, EMB98, EPJ$^+$05, EA17, FMSSM12, FHZW18, FJ00, FS19, GR06, GGW$^+$09, GCK18, GAI$^+$18, HJS$^+$99, HKP10, IMSV90, JPB17, JLI$^+$13, JOSD19, KDFL99, KV18, KBP$^+$03, KPA17, KKL09b, KKP19, Kos95, KKP00, KTTK17, KKCL18, LKF09, LLL11, LLLW13, L18, LTL19, L10Y, LM09a, LGS$^+$07, LSF$^+$94, MCSS00, MSKT07, MSBA16, MVT$^+$99, MVG$^+$14, MTH$^+$05, MSX00, MRS18b, NRR$^+$17, NHH$^+$19, OS92, PP10, PVN$^+$12, PP07, PSA$^+$09, POJ$^+$16, DLM15].

**environment** [PPAK99, PHM$^+$99, PAO1b, PBB$^+$05, QZD$^+$18, RGAT18, RYH$^+$19, RL08, RMM$^+$98, RPA$^+$18, RGVGGSSZ14, RML1, SV16, SLTK19, SDWS13, S05, SSKF95, SMK05, STA17a, SGB$^+$18, SPC104, TCC18, TZ11, SCH10, VSP$^+$14, VKT$^+$19, WCHL10, WY19, WDD00, WB90, XZW$^+$19, XWJZF19, YLN15, YMM00, ZJY16, ZCZ$^+$18, ZZL$^+$10, ZS05b, dfBP$^+$17, BCF$^+$10, DGS09, FMD09, LWW$^+$13].

**Environmental** [YCD$^+$19, BBWB$^+$18, GR11, PSW$^+$14, RHKC15, VDK12, WTP$^+$13].

**Environments** [ACC$^+$19b, BB17, CCMGF18, CDH$^+$19, TF17, YFPF05, ACD02, ABC$^+$18, ABS11, AMD08, ADA$^+$19, ALK15, AMT$^+$12, AFB$^+$10, ACK$^+$15, BJA$^+$05, BML18, BOWD$^+$19, BR92, BdM11, BCB$^+$12, BN17, BBB16, BDP11b, BDH14, BC$^+$19, BFR99, CPDJ13, CRC13, CTF$^+$99, Cas94, CVFP12, CFG$^+$19, CFPC17, CCCT14, CRM05, CS09, DVD12, DEG$^+$17, EMM12, FDGR14, FdAGaDFV19, Fri14, FX07, FSG$^+$18b, GL19, GKW$^+$12, GCTLA$^+$19, GTSP$^+$19, GKT15, HFM19, HZC$^+$08, H18B, HC16, H03, HPP$^+$18, HH11, JR11, JTB13, JTS13, KA09, KKB14, KBM$^+$02, Kim07b, KWK16, K18a, LB03, LMYZ09, LT1W19, LLS$^+$19, LCXZ19, LC15, LSTV07, LSS02, LSS07, MCT$^+$15, M0B18, MKT09, MR03b, MRD10, MtVW19, M19, MMRL17, NNRA19, NRR$^+$15, NAD$^+$18, NJ16, NOF18, NMC05, Pad92, Pag99, PBV$^+$13, PLA18, PECA19, PG18b18,
RPH19, RBN13, RMHMG17.

environments [RRH16, SB14, SPdSR+17, Sch98, SBAD+18, SLDK03, Sip12, SCN+14, SL19, SD07, Sun92, TDFZ18, TCBPR16, TMP15, TAKV12, UMBH19, VPP+19, Ven08, VCL+19, VD16, WH05, WHW16, WSZC18, WHBC19, WSC+19, WSS+09, XTT18, XHY+90, ZS08, ZGZ+10, ZAP05].

Envy [YLJL18]. Envy-free [YLJL18].

ePASS [SCZ+14]. Ephemeral [CCMGF18, CLCMG+18, MOBD18].

epidemic [FMS08b, GRTV10, XL19]. epidemics [LMBCC89, OCCK+14].

equation [PCC18]. equational [OP95].

Equilibrium [GPVN19].

equipment [TC92]. Equivalent [WZE19, PEG05]. era [QCX18, SDDG17, Zad87]. erasable [LY18a, YL16].

erase [GIM16, HDO16, PWX17, XWM18].

erasure-coded [PWX17, XWM18].

Erlang [Tur18]. Erlang-based [Tur18].

erosion [YTQ19].

Eratosthenes [KSM+07a, MR04h, NHG03]. Error [KTV03, CCCP19, DR03, GHMX10, KHD16, KA88, LMRMS19, SSO3, WSSL19].

errors [WZE19].

ES/SEDEM [Mat89]. escalation [XWRZ19].

eScience [BCJT13, FA11a, HGM15, KZ14, KMK16, MK16a, MK16b].

esiScience [SAGL10].

ESLEA [SHJS+10].

ESNET [ZWDP18].

ESP [LJY10].

ESPIT [Ano87j, Cad86, Ano84h]. Essence [PKP19].

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

Establishment [AMAY19, CRRC18, Mar99b, PGCM+19, XZ14b, ZWX+18].

estimate [Dal06]. estimates [HV03].

Estimating [SHH+19]. Estimation [AdVAGF18, KSSG16, CBK+17, EW97, MJH+19, JOPW14, KS18a, KXS+16, KMK+14, LSL+15, LGZ+18, NS17b, PS10, PBT02, PcfP+17, RAKJ18, RMDB18, SHP+16, TMDZ15, WOPW13, YZW+18, YSZW18, ZWZ19, WSZL18]. estimations

[IDM+16].

Ethernet [HJCD05, MGH+15, WTC+02, ZWJ+19a].

Ethnic [HX19]. EUBrazilCloudConnect [FEB+19].

Euclidean [DL03]. Euler [GKS05].

EURO [KA98]. EURO-VR [KA98].

Euromed [EV98]. Europe [HBE98, L099, Wil00, Ano84h, ES94, Pol98, Wal94].

European [Ano84e, Ano86h, Zna94, PGZ+16, D86, LPC+95, Mur95, Nar86, SS90].

EV [HRLH19].

evacuation [LG18]. Evaluate [YTQ19, LCGPC19, Szu98]. evaluated

[BRX+11]. Evaluating [ABTA18, BSCC06, HA18, HBJ+03, LM16, LLS+19, SC19, XWJ+19, ABMC18, ALFR16, BBT19, BGL+05, OA17, RMJ+18, VK17].

Evaluation [Bal93, BY93, BP94, CGN18, CG09, CY19, CPP16, CW93, FK12, GSD95, GLJ19, HRJ+04, KV+18, LSS94, MG19, SS17, YDNV16, AB139a, ABGMC19, AMAY19, ADKS06, AZ0+19, AEM10, BGI14,

BBBD+01, BARMB14, BDZ13, BMU18, BS09, aCKPM19, CCRV13, CHS+18, DSS98, Din99, Fs93, GS13, GEAR13, HD05, JAAD+16, JWW+14, JFZL17, KSY+92, Knu94, LCP04, LN04, LB09, LSD+17, LZL+19a, MZC10, MSK03, MI01, MM03, MOK06, NP06, Nis93, OP97, Par04, RPMG10, Shi04, SHH+19, SSMG+19, TDL+17, VBV+11, VRS+19, WGL92, WWD+14, YJA03, ZMP10, ZWDP18, ZXL+18, ZY90, ZGCM00, dSK+19, dOOO+13].

evaluations

[DQC+19, SPR+10]. evaporative [BMZ10].

Event [HCB16, LJ17a, MLW+18b, ML17, NJH+18, ZSP17, AHY+19, ABB+03, BKB11, BMP+16, FLT+17, GKI+05, HMP04, JSZ+19, KNI+18, KAP19, KZCW+13, KN06, LLG+16, LWXY19, LCCM18, MQW+14,
Event-Based [ML17, KN06, LWXY19, PQB17].

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

Evidence [AJ19, CPE+17, WW11, WQZ19, ZGZ+10, ZDL+19].

evidence-based [WW11].

Evolution [CSV+12, DDD+19, JGB19, JCSS01, DFLO17, Dub91, DMN+05, EL98, GVBG17, HZL18b, JL95, KKS18b, KS18c, LWZ18, Moo99, RGVGSSZ14, RS99, WZL18].

Evolution-based [DDD+19, JCSS01].

Evolutionary [KOT18, LFL+17, RCMT18, dCTVC18, ACML05, EL98, GKT1K15, GLJ19, Hen87, JGFB18, JC09, LKG08, LWYS18, MDB+18a, MCSA18, NF13, Nos98, OVDV98, PKB19, SG13, TdPF+17].

evolutionary [DLDTGMMP16].

evolvement [Kyr19].

Evolving [DSCJ18, EL98, LLWN04, LWXY19, LRBW17, SISGS18, KZS+19, NAD+18, SW09, SLB+17, THA+17].

EWSL [Ano86h].

exact [CSdCM+17, HHG05, Röb05].

Examine [ZMS+06, ABdL+03].

examine [RDSA18].

Examining [NZOJC+19].

example [DFSZ88, KA88].

examples [GJS+94, TtVH96].

exams [CND+19].

Exascale [DBD+14, Eng14, FBS18, DYT+16].

exceptions [GGLD10].

exchange [AC92, AHL11, GP0K5, OPT+17, TLSC17, WWW+16, ZA13, ZXWA18, KGdL11].

LSh+11].

changes [CKP+19].

excited [REM04].

exclusion [Bag19].

exclusive [CXC+18, FLT17, WDZ19].

executables [AD18].

execute [CTF+99].

executed [HLvL+97].

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

Execution [ABF93, CM01, CBK+17, ANG+19, ATF11, AKE+18, AKPN01, AR98, BBBDB01, BKS02, BFC02, BBI13, CRL17, CLC11, CsZhG+13, CY90, DJZ+15, DGdL15, Dup90, EHT10, FX07, GR96, GMEL08, GL04b, HMM18, KP00, KS18a, KHT13, KC14, KuRAk+18, KN10, KGT15, LAL+14, LWS+12, MTNM08, MMR17, NF13, OP95, Pa09, PdAF12, PAB+14, DLS14, PKB19, QCYJ17, RBC+15, SV16, SHP+16, SpdSR+17, SM01b, SLC+17, TzST14, TGM11, dOWdAS+18, ZT90, ZT91, ZZL+10].

executions [CRZV15, CdSDS15, HHD+12].

EXEHDA [dSMAdR+17].

exhibits [VPA+18].

exhiSTORY [VPA+18].

existing [BCP18, DGY+18, GJS+94, Hab05, KY85, MFG+14].

exome [CMX+16].

Expanded [Sha16].

Expanding [CGCB+12].

expansion [DKLA19, MLL15].

expectations [Nis93].

Experience [BHH+93, CR92, HXL+18, Oka92, SHS+19, AKB18b, GTCZG+18, KKP19, Lku89, QLM+18, RvdisB+03, RRS99, SSST17, SHH+19, TBB+17, XFM16, YJAl03].

Experiences [KB09b, MPB+07, ABB+03, ACE02, GMS09, Jon00].

Experiment [DGS09, BRN15, JCA+19, MdOO+17].

Experimental [GGH+03, LWW+18, CCT13, CPMG19, DCBF19, IAM+18, MLC+11].

experimentation [CPGBC16, GTSAR+14].

experimentations [VRGR16].

Experiments [Hey90, PEG05, Vre88, Vre89, BPP+07, GL04a, GCV+14, MCSS00, MGH+05, MVT+99, MMVS19, PBC+16, PBC+17, PKSC02, dOWdAS+18, YAO02, CN92].

Expert [CAS+18, Coo86, Hlr89, Van87a, vdR86a, Ano87m, BT93, DFT92, DW87, DBS14, EO86, Gil85a, Han89, Hen87, Kag89, Kom89a, Mar86, Mat89, Miz89a, OS92, Par87, Pud87, Ste85, Tak89a, Tak89b, VM93, WGM15, WYN+90, Yam89, YWA+89].
Zem86, vdR87f, vdR87d. expertise [DKFKF18, KZA+18, SG17, Zad87].
extplicate [NZOJC+19]. explicit [HV92, MWPVB12, TSDB15, XLZ+14].
exploit [EDH+13, GGC17], exploitation [KLM+05, SK12]. Exploiting [AM17, BCF16, CGIP14, CSL17, CLP+14, Joh89, MMP13, NS02, FQBP17, RGN+18, WC14, Zha93, vdR87f, vdR87d].

FaceDCAPTCHA [GPV+14]. Factored [XZ14a], facial [EU+19, SGL99], facilitate [GVdBD15, SHJ06, XLL18b]. Facilitating [NAD+18]. facility [RG04, LRF+06, SDBdL06]. Factor [AMSPL19, ADKS06, ED19, HDH+18, LWD+14, LNK+18, LZWF19, RSJ+14, WLS+18]. factorization [GMS18, MvdV01, WTS14, WYL+18, ZCH+17]. factors [CN17, LCGPC19, WGM15, CzZW14].
factory [AJR+19, HMW+19, HMW+19]. facts [CZ14]. FAIL [HTV07]. Failure [SSSJ19, BM15, DCF19, DNW+19, HWS07, LPMY18, LJGW18, MS+12, RR+18, YIA17, vdR93].

Far/near [BBJ+06]. farm [BFLL99, Bro92]. farming [KK16]. farms [MD12, NP03].

fastest [FJ18]. Fast [BLAN+16, DSK+14, GGN17, GEAR13, HYS04, LGP+19, MH19, Pan95b, SSK+19, SO98, WLP10, XKA18, ZFY18, BM00, CHW13, DST14, FL17, HIA+18c, JFZL17, KKH01, KHM13, LSS+16, LPy+18, LC15, LZYC13, LN94, NS17b, RR+18, VBL09, WWD+14, YIA17, ZA14, MDA+19]. FastDesk [SWW+18]. Faster [BRM04]. fat [WWQ+18].
fat-tree [WWQ+18]. Fault [AFP07, DK14, GCV+14, LAM07, LYW+16, PCBD99, SE19, SAPA17, Xia06, AMH02, ASTEP98, ABF+15b, AFB+10, AGKZ18, AMR18, BCR+08, CLZ18, CdCD07, CY12,
CCL11, DZZ+15, FD02, GdVC10, Han89, HTV07, KA08, KL02, LCBF13, LHB95, LSTV07, LS01, LS08, PWY03, Pip18a, SG05, SPR+10, Szu89, THKG98, WWSL19, WHCW19, fault-prone [AGKZ18].

Fault-Tolerance [PCBD99, CdCD07].

Fault-tolerant [DK14, GCV+14, LAM07, LYW+16, Xia06, AMH02, AFB+10, DZZ+15, LCBF13, LHB95, LS01, LS08, PWY03, SPR+10, THKG98, WHCW19], FBAC [YWJ+19], FCI [HTV07], FCM [GGN17], FCN [FC09], FDE [KKB+19], fear [MGA+18], Feasibility [AKW90a, OMPSPL+19, AKW90b], FEATHERS [BAK19].

Feature [MWQ+19, SLD+18, USA19, BM00, Cha11, CMI+19, DH16, FTK+14, GLC19, GNGG17, HLZ+19, HX19, JLQZ18, KP18, LZZ+12, MBC+11, MdMNS+19, MZYA19, MDD15, MGA+18, MBA19, NK18, PCC18, PSS+18, PdLS+99, SK06, WM07]. Feature-based [MWQ+19, PdLS+99]. Features [NS17b, AMBB18, AKP+18, AGA18, BLMU19, CPP+18, CAL+18, DGST09, FNA12, GAFFOG12, HO02, KHO+19, KGW95, LYY+19, LYXT14, LZZ+19b, WLZ+14, XPL19, XYY+18, YGY+19].

Featuring [LLH+03], FEC [EBCP18].

Federate [BCF+10, CYL05]. Federated [BR10, DRZ+19, SVC+07, APA17, AK14, CVFP12, dCCDFo15, CGJ+10, GCC+14, HFM19, PP10, PBV+13, PRFC16, PPL+15, SLB+17, SLZ+18, ZZDM+18, EH10, LHL09, Lea13, Lea15, TS08]. Federation [FMN+17, VHML10, CCO10, FLPP05, KBB+16, RHB08, TOS18, YNSM12, CM+14], federations [Erk13, FRZ19, MLM16, MPR+16, RMHMG17], federative [HB00, Job92]. Feedback [GSL12, CWJ+18a, PQBP17, WWSM98, ZX+19].

Feedback-based [GSL12]. Feedback-forward [JL98, RM97], feeding [KO11]. FEM [BBJ+06, GNOY01, LF95b], FEM/FVM [LF95b]. FENNEL [SLG+17]. Fermat [WTS14]. fetch [GTMZ17]. fetching [SR12]. few [Amo06, DE03]. FGCS [CRW+16, GVTdL18, Mes02, Nis03, PC18b, SZ9V, Ser95]. FHE [MS19]. FHE-based [MS19]. Fi [AKM18, DCFB19, KWB19, SLS10]. Fiber [HICAFM+06, WXZ+18a], fidelity [LBD+19]. field [BBJ+06, CGP14, HPP+18, KS17a, LZH+18, LLI+18, PdLS+99, S99, SMC18, TSTL16]. fields [MJ98]. Fifth [Her84, HV84, TR85, Ais88, Fur92, Lin84, vR86b, Ano86i, FS93, Ki89, Sti93, vR93a, vR93b]. fight [WZH+18]. File [AHEM17, KLSS05, ACC+05b, Do99, DLXR14, GCCCC+07, GD05, GTM17, KO11, Li15, MLG13, MM08, MFL18, MM18, MMLO18, PCG+06, SPK+07, USK16, UDvD+18, WX02, WLP10, WZS+18, YCY+10, YSC+15, ZSX+15, MBC+11]. File-based [KLSS05]. file-sharing [MM08]. files [LLF+18a, SCY01]. filesystem [MCQ+07, YZ+18]. filling [SW05]. filter [GCTLA+19, HAA+16, HIA+18c, JYZ+18, NUPA19, SGB+18, TM05, WLL+19a, WC14]. filter-bank [NUPA19]. filter-wrapper [HIA+18c]. filtering [KMC18, LZY+19b, CLAL19, DCC13, EAA16, GCD+18, GDS18, KKB18, LCL+16, LCW+18, LQLX10, MG19, MVG18, PQBP17, PC9B9, RW18, TQL+19, ZRZ+14]. Filters [ML17, LLYW19, ZL13]. FIM [HDH+18]. finance [BS04, Fur94]. financial [AMI16, Kea93, KK14, PKP19, QQT+18, TMTY05]. find [BGRBA19]. Finding [BBH18, CSCdCM+17, LXM+18, LG18, DvdHgdL09]. Findings [WBMP99]. Fine [SJ18, AMBB18, CZZ+18, JLY+18, LCL+18, LZL18b, LC03, LZYH19, MLW+18a, VVB11, WC14, XTL+19, XYX+19].

fine-grain [WC14]. fine-grained [AMBB18, CZZ+18, JLY+18, LZL18b, LC03, LZYH19, MLW+18a, VVB11, XTL+19, XTL+19].
XYML19, YAX+18, ZMP10, ZSL+19b.

fine-tuning [LCL+18]. finer [ZFS+18].
finer-grained [ZFS+18]. finger [LWF+17].
Fingerprint

[MPH00, GAFFOG12, LZW+12].

fingerprinting [KPB18, RSL7b]. Finite

[Tab06, XWW19, AO06, BVDF00, CS93, LDK06, SW05, TH06, WA06].

Finite-State-Machine [XWW19].
FinTech [NAAC19]. FIPF [JLY+18]. fire

[ACML05]. firefly [LZWF19]. firewall

[HCNT14]. First

[Gil94, SLZ95, CT93, Che13a, GTCZG+18, HRJ+16, Par87, WRBG94, SO98].
First-principles [Gil94, WRBG94]. Fisher

[CLY14, HLL12]. FitCNN [LYL+19].

Fitness [JGB19, CZL+18b]. fitting

[CLC11, MK19a]. five [Bal92, Van87b].
Fixed [Fio06, CFVP03, LZW+12].

fixed-length [LZW+12]. Fixed-point

[Fio06]. fixture [LSW+19]. Flame

[VETT16]. Flame-MR [VETT16]. flash

[DLZ+14, LPK17, LPK18, SCH+19].
flash-based [SCH+19]. flash-flood

[LPK17, LPK18]. Flat [OCCK14]. fleet

[OVDV98]. flexibility [CAB+18]. Flexible

[CRC13, LCBF13, MWL+18b, XYYG18a, dKdOS03, AHP16, BZMY10, BBW08, Bar11, BLRS98, DKJ91, FTD17, HLL+11, IG12, LFC+19, NOF18, PGC+06, PKSC02, RPH19, SGS+18, TMI15, WCL+17a, WDZ19, YCXW18, ZAB15, ZFH+18, tTvH96].

Flight [JCA+19]. Floating

[FGG03, MDM+19, KXS+16]. fluctuation

[vOB95]. flock [ELvD+96]. flood

[LPK17, LPK18]. floor [DDV92]. Flow

[Ama88, Ama89, BKS98, BDNN02, SCP09, WNM+01, ABMESM18, AKH+04, CT19a, CT19b, CAL+18, CH95, ED04, FM10b, GKS05, GS15, GY90, GXL+18, HORC04, HvHAS04, KLJS19, LGP+19, LPS19, LRC+18, RV95, SdSP04, VWCV94, VFS01, XSM15, XD+17, vM94, CG09].
Flow-Aware [CG09]. flower

[GHEB+18, GJ18]. flows

[AJZ+02, AbD+03, CDRS05, DS04b, GL95, HAF+16, IOO04, KDHP16, KC19b, KGT15, LF95b, PRZ03, RZDM01, WBJM14].
Flubber [JL+13]. fluid

[CM99, GPS+17, WJ18, We99]. fluids

[FPS04, NEJ94]. Flux [DDJ+13]. fly

[BTM10, HPZL18]. flying [SNP19, VLC03].

focal [AHD+19, Ram95]. focused [CY12].
Focusing [HPP+18]. Fog

[FSV+19, MMC+18, NWT19, PDH18, PGTB18, SM18, VRS+19, WZH+18, AZH18, CLCY18, CITICAL019, FXG+19, FFC+18, GLJ19, HDA+19, HCW+18, HXC+18, JSMG18, KH18b, LLYW19, LDY+18, LLZ+18b, LYH+19, MWL+18b, MGA+19, NDA+19, NLS19, PRL+19, PSY+19, QRW+18, RGN+18, RR18, TGM+19b, VCL+19, VKT+19, WWDF18, Wan18a, WDKV19, WPS+18, WSY+19, YSHM19, YAX+18, ZCZ+18, ZCL+18, ZZF18, ZSL+19a, ZSW+18b, KK19, RLM18, SM18, SM18, XMM18, YXA+18]. Fog-assisted

[VRS+19, NDA+19]. Fog-based

[WZH+18, WWDF18, KK19]. Fog-cloud

[SM18, LDY+18]. fog-computing-based

[PSY+19]. fog-driven [FFC+18].

fog-enabled [FXG+19]. Fog-to-Cloud

[SMBM+18]. fog/edge [RR18]. foggy

[CLCY18]. fold [AHMS18]. folding

[DCK03, SSLF10]. folding/unfolding

[DCK03]. foliations [MPQ03]. followee

[CCJ16]. following [MVW+19]. foot

[XL19]. footprint [BEWZ10, DY1+16, LYW+18b, VVC+12, KK11]. footprints

[WRN19]. foraging [LESL9, RC13, VR12].

Force [VLAC+13, FZ+18]. forces

[LMMR19, PO00]. forecast [LCL+18].
Forecasting [PLA18, PSS+09, CLTRL18, Ch14, HZL18a, JH16, KSSG16, LFWM05, LKP17, LKP18, LLW+18a, Lin18, PGTB18, SG15, WSH99, YGY+19]. Forensic [SK18, ACMM19, DC18b, QC13, QC18, VOCHC17, XFTZ16, KKA18].
Forensics [JL14, AAI+19, ASA19, CDFW18, LCHW14, PD11, YHA+19].

forest [BYL+18, CY90, IdAP19, JNHL18].

forest-based [IdAP19]. Foreword [LL04a, Mes02]. Fork [LTC+19, HSS92].


Formation [MCA02, DDL01, DBS14, FRM18].

forming [FZT+18, HW95]. forms [EL03, YCZJ18]. formula [RS16]. formulations [SS03]. forthcoming [Ano94e]. fortification [KPS18].

FORTTRAN [RBS93, Ben99, CMZ95, Din99, dSL98]. forums [EV99]. forward [KDHP16, KJ18, LAQ+19, KS17a].

Forwarding [KIMR15, FFL+19, LGP+19, MDB+18b, MVL18b, MRS18b, RW0+19, WZW18, ZCW11]. FOSS [JMAJ19].

found [SSLF+10]. foundation [XLL+19c, FPX+09, NSF87]. foundations [FLPP05]. four [SYCH18, CsZW14].

four-band [SYCH18]. Four-factors [CsZW14]. Fourier [DDL01, LZL19b].

foxtail [DJ+18]. FPGA [ABF+15a].


Fractional [BWR12, BW13]. fractures [RBGA18, WW19]. fragmentation [MSE19]. Fragmented [ML17, CC07, CCS+10, FdAGdAVF19].

Fragmented-Iterated [ML17]. frame [JLY+18, KTM+08, LYS12]. Framework [ACC+19a, ABTA18, GTEL+18, KV17, MK19a, MPI+18, MWMA10, SdR99, SDK19, WWVJ17, YAA+19, ABMM18, ABMC18, ABMMC18, AB19a, ABGMC19, ABM19, AAF18, ASAB+18, AT18a, AASI17, AB18b, ASA19, BvdV99, BBW08, BAKB19, BFL99, BORM07, BBT19, BGS+19, BOP+14, Boa04, BAD+05, BDH14, CVT19, CPGdS+13, CMEA+19, CWD04, CSW06, ÇBÇA15, CKR16, CCLS09, CCS+10, CFPC17, CCCP19, CGM+18, DCS+07, DPP03, DMPP16, DPS16, EAA16, EV96, FTA+14, FHYH15, FJA+18, FPGK18, FvLTT98, FB93, GVBI3, GGC17, GR96, GPK05, GAC19, GvdB15, GMP+17, GI18, GBK18, HAP15, HHK18, HEES19, HAF00, HMA+18a, HLL+11, HXC+18, HAA+16, HIA+18c, HPL+19, ISS+15, JSZ+19, KSF+13, KC14, KFF89, KH19, KPA17, KuRAk+18, KI+19, KV09, KAS+18, KGLY18, LS07a, LS07b, LAL01, L07, LQK+16, LKJ+19, LLF+18b, LM07].

framework [LvW14, LLM+16, LSL+18, LYL+19, LKK+16, LSJ+14, L08, LWZ+19b, MML+18, MNV12, MID16, ML11, MMLO18, NK15, NJ18, NZQ07, NJ16, NOF18, NAAC19, NAM+19, OK02, Osm19, ÖE13, PBV+13, PADD03, PLCGS11, PF01, PB05, PSW+19, PTH05, PSS01, PFP+17, QP08, Qur19, RBA17, RSRA18, RAdARP19, SRZD15, SMPC12, SYJ19, FA14, SBAD+18, SMFS18, SAK+10, SG14, SDC11, SYW17, SGS+18, SSB05, SBK18, SYAL13, SLB+17, SDH+19, TAD18, TY11, Ven09, VK17, VWD+08, WLF16, WMQ+16, dOWdAS+18, WLA18b, WG13, WHYZ17, WHYZ18, XFL16, XWRZ19, YMLT13, YSC+19, YD05, YPH14, YCZJ18, ZSX+15, ZCK+15, ZYTC15, ZMN19, ZZQ+13, dNE05, AW03].

frameworks [BDP11a, DJ13, EET18, HZZ+14, IAM+18, MGT18, Pop05, VEET18]. France [Zua94]. fraud [CLS+19, SC19, ZZH+18]. FRDT [KK11]. Free [Ano86i, Ano87b, Ano87c, Ano87l, KTB18, Zad87, BS04, BB06, CWL+18, CMO03,
[Bog99]. Gate [RCW+19, DCK03].
Gateway [FEB+19, MPLM18, DRZ+19, GRZ+19, KZS+19, MDA+19, SVB+19, SDF+19, SG19, ZBZ19]. gateways
[BOWD+19, GDP+18, GLD+19a, GRCP+17, KS19, RGN+18]. Gather [FD12].
Gathering [GDP+18, FG18, SNP19]. gatherings [KVK+18]. gating [LLC14a].
Gauss [HPP94, Jun18]. Gaussian
[GSC+19, KKB+19]. Gazetteer [CAS+16].
Gb [ABB+03]. GbE [WLR18]. Gbps
[KSW+13]. GCell [OB95, Cro95, RV95].
GCell-3 [Cro95]. GCell-3/512 [Cro95].
GCR [VS01]. gcube [ACC+19b].
Gearing [WMJW18]. GECEM [LW08]. gel
[CGH04]. gel-based [CGH04]. GEMMA
[BPP+07]. GEMS [WBT+08]. Gen
[MR04b]. GenApp [SB19b]. gender
[CPW19]. RSY+18]. Gene
[STF+05, DMR+05, MSS+16, TBD+02, YWG+19, YPJ19, KBVH14]. Gene/Q
[KBVH14]. Gener
[AB19a, BFS+17a, Cha14b, HYS18, KSM+07a, NDZ+18a, NDZ+19]. General
[CJXX19, HHG05, SL97, Zna94, AKW90b, BRN15, FWB13a, GXW+19, HQZH14, LDSH95, PCC18, VVB11, WJZ+17, WHP09].
general-purpose
[AKW90b, BRN15].
generalizable [LvW14]. generalization
[WWZZ18]. Generalized
[KY04, IS03, MvdV01, PSLZ18, SKT+08, SA97].
Generalizing [PPH+09]. generated
[AHL11, DGGH11, HHG05, HHXL13, LZP+18, LJJ19b, P000, RTHB17, SK18, ZHL+18]. Generating
[GKS05, JWW14, TSZP99, DK00].
Generation
[BDF+99, ChK11, DO15, HYZS16, Her84, HV84, Kow85, KIS95, LJJ19a, NHG03, Slo06a, Slo06b, Sti93, vDR93b, Ais88, Ano86i, BDP11a, BP02, BGCC19, CXXJ19, CsZG+13, DCMB15, DDS+09, DQXB19, DR05, Fur92, GLM+12, GODM98, GMDFP12, GZ04, HJK+04, KVR15, KHMB13, Kim07a, Kow84, Lin84, MWC+03, MYBMM18, MVL18b, NDZ+18a, NDZ+18b, NDZ+19, OMPSP+19, PO00, PJD13, Par87, PFMC04, SB19b, Ste85, TDL05, TR85, VBR18, WYN+90, YCZJ18, ZCX+18, ZNC+18, ZGCM00, vDR86b, vdr93a, FS93].
generator
[Tan02b]. generators
[RNR18].
GeneRecon [MPB+07]. generic
[BCW01, DVPD02, DSPA18, FKL11, GD10, GrLv03, LKK+16, SMS18, TKA+18a, TCN+14, Tis07]. GENESIS
[RDG04]. Genetic
[JGB19, LOJ+07, PMK18, AT11, AT01, ACC17, BRL19, CPK05, CFG93, DC19, DNM+05, DSCJ18, GRH05, GODM98, GdVC10, ISS+15, KKP+05, KX11, LYQ06, LLWN04, LSO1, MGA+18, MRN19, PC18a, SF19, TMT+07, WYBS11, WLQ10, ZRL18, ZLG+14, SM101].
genetic-based
[KX11, LSO1]. GENIUS
[ABF+03]. genome
[SLS+09]. genomic
[JHC10, LJJ+19a, Sin07, SBA+17].
genomics
[CJC19, ODOD+13]. genotype
[MS03]. Genotypes
[JGB19]. geo
[KB18, MPC+18, WLA18b, XWZ+19, ZBF14, DWJ18, YMY+17].
geo-collaborative
[ZBF14].
geo-crowdsourcing
[WLA18b].
geo-distributed
[KB18, XWZ+19, YMY+17]. Geo-QTI
[DWJ18]. geo-replication
[MPC+18].
Geocomputation
[XSO4]. geodesic
[DE03]. geodynamics
[BN06].
geoevironmental
[CTMO06]. GeoFEM
[GN0Y01]. geographic
[CES+19, DWJM18, LC17]. geographical
[CSL17, MBV+15]. geographically
[AGIN00, ZB19]. geological
[XSM04].
geomechanical
[WAE06]. geomechanics
[BN06, HND06]. Geometric
[DP03a, PdLS+09]. Geometrical
[SNXB17]. Geometries
[BKS98]. geometry
[DFG+00, WWA19]. geoparsing
[CGZL19]. Georgia
[vDR86b]. geoscience
[FFPS10]. Geospatial
[VWD+08, MZC08, MZC10]. GridLab
[SMN02]. gridless [BVDF00]. gridmap
[ACC+05b]. gridmap-file [ACC+05b].

GridNetworks [SCP09]. GridR [WSS+09].

GridRPC [CCDS08, SKT+08]. Grids
[HAP15, YCY10, ZS16, ACC+05a, ACH+11,
AR15, AWN+13, ABM+07, ASD12,
ABF+03, AR07, BMT12, CCL07, CGL08,
CLH10, CH10, CCS+10, CD08, CGJ+10,
DV14, DT08, DPL14, FLPP05, Fr08,
GCBM17, Hua10, HBN+13, IT05, IAL10,
KK10a, KK11, KX11, KKW+14, KFC+07,
KJ12, KK10b, KIC12, LLpC12, LAH10,
MLG13, MGV+18, MPPM09, MWVP12,
MVC+13, OM10, OK02, PGSM05, PS10,
PT16, PX07, PGCC+10, PP+09, PPSS06,
QPTGG+12, RR10, RaARPI9, SR12,
SHBP10, SPMC10, SBG+09, SMK05,
SEMJ11, SSL12, SGH+08, SCCS11, SAC11,
SSB13, TZBK13, TJSW10, TPBS14, TV08,
Tor13, VDPH509, VKK14, WFC07, XY15,
ZCW+04, ZYL+10, vOH+05, vdS04,
GHWZ94, AL14, CC07, CCL09, CT09,
CB10, CGST09, DFC+08, DRNM09,
Dog09, EGK+07, EH10, FMS08a, GXL+12,
GCC+07, GBS10, Joh02, KFP+02].

Grids
[KNK+08, KTM+08, LS07b, LHL09, Lea13,
Lea15, LHV08, LKA+08, LK0, MF05,
MTV05, MHA08, MV09, NZQ07, OV+09,
Pal09, PH07, PK0, Qin07, RPMG10,
SYT09, SVN10b, TDV+08, TTP+07, VLK09,
VDTK12, WS10, XCGD10, YYW+09].

GridSim [HIW12, SBP07]. GridUFO
[MWM+10]. GridWay
[RMHC015, TCR+12]. GridWay-based
[TCR+12]. GridX1 [AAB+07]. GridF
[ML11]. Griz
[RvdSB+03]. Groot [vdR87h].

groundwater [ZWZ19].

Griz
[AJY15a, CB10, HWW04, WLL+19b, Bag11,
BKSS02, BC03, BCF16, BDL06, CDDR17,
CM03, CYH04, CLM+16, CW16, Flo06,
FMR18, GCK18, GZL+18, GVNL14,
IOV+18, LM07, MHC14, MPQ03, NXX09,
NWD+18, PP06, RL12, SCE18, VCDK18,
YZL+18, GVDL15]. Group-based
[AJY15a, CB10]. group-key
[IOV+18, NXX09]. Group-oriented
[HWW04]. grouped [LYQ06, PWX17].
grouping [GME+08, Morse]. groups
[BCF16, CWD04, LE08, NS02, ZZ15,
ZDR07]. growing [YJHZ14]. growth
[KZCW13, SU+98]. GS1000 [LM90b].

GSA [CGS+18]. GSC [GML99]. GSC-II
[GML99]. GSIB [Hua05]. GSFTP
[ACE02]. GSP [KSS11]. GSR [LC17].
guarantee [CMG+19, LGL+17, SCZ+14].
guaranteed [KLP19, XTT18].

guaranteeing
[CM17, LLW+12b, MKT09, UTD19].
guarantees [GJF+12, KV09, LHPC+19,
SBK+16, ZFW14]. Guest
[AB01, AD00, An01c, BC13, BJ02,
DHS00a, DDS00, Flo03, HP92, HB98, Kaa98,
Kaa99, KK00, LB02, LC01, SG95, Tan02a,
Wil00, ZEO01, vD93a]. guests [JK17].

GUI [SB19b]. guidance [JYZ18]. Guided
[GZS14, ZSMS18, EdBG+99, JFGB18].
guifi.net [BFN18]. GuiGen [RSS02].

GWpilot [RMHC15]. GXP [TMM+13].

H [vdR87f]. H.264 [WC14]. H2O [SSB05].

HA-OSCAR [LS05]. HaR [MGA+18].

hadoop [GGN17, BAJ+19, CRB+16,
ICPA+16, N17, R14, TF18, WT+13,
WHH18, Y1A17, ZTD+18]. Hall [vdR87h].

Hallam [vdR87a]. Hamiltonian
[MR04b, M03a, J13]. hand
[KPG19, NPA19, XL19].
held [RS18]. handle [GGDM+18, LZW+18].

Handling [BMZ10, Goo01, HSS00, HHL11,
SGB+18, XWL+18]. handoff [SLS10].
handover
[GSY+19, LLF+18, PSL+04, YHL16].

handshake [LWL+18]. handshaking
[CJG+18]. handshaking-based [CJG+18].
haptic [WWSM98]. hard [KV09].

Hardware
[MHY+18, TBK06, VL19, 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 [DSS98].

Hardware-oriented [TBK06]. harmonic [BBC04, KDE04]. Harmonizing [LTZ15].
harness [PL96, BDF+99, FD02, MS01].
harnessing [FQBCF15, ZZC18]. Harris [HTL+18, HMF+19]. Harrod [GDRS04].

Hartmann [MAPA19]. harvesting [DJJ+18, TSD18, VF18]. Hash [JL14, CHS+18, HLL18, JFDF09]. hashing [QZD+18, ZZLZ18]. hashtag [ZZJY16].


HCN [ESPN17]. HD [HSP+13, JHL+06]. HDFS [TMDZ15, WZML18, YSC+15].

HDS [PIP18b]. head [FJJ+18]. Healing [LHBC16, AFB+10, GZL+18, dSGD13].

Health [AMSPL19, BSRR18, KIJ+19, LHL15, RGN+18, Rao17, VRS+19, ABZK15, ABC+18, APR+19, CBN16, CLC+19, CRWZ19, DP19, EAS+18, GF14, Ham19, HIA+18b, MID16, ML19, PKY+17, Po98, PPS06, PPAK99, SPS18, TCG+14, WMX+17, Wit94, YZL+18, YZG+18, YKo17, ZAA+14, LG16a]. health-shocks [MID16]. Healthcare [WRK+15, WLP18, ZZXL18, AASI17, ABB+19a, ASO14, AHMS18, APR+19, CPD+15, CLH+18, CZZ+18, FGW+19, FFC+18, FRM+18, HLYW17, HXA+17, HZM14, JNS+19, JP18, JTB15, KKB18, Kim14, KLY+18, LWW+18, LZZL18b, MVL+18a, MGN+16, MGA+19, PMDS18, PSW+19, RBA17, RGN+18, RYH+19, UKK+19, WLS+18, XKB18a, ZCK+15].


HELIO [BBC+13]. heliophysics [BBC+13].

help [Ueh89, SCN+14]. Help-On-Demand [SCN+14]. hemotherapy [AT+14]. HEMT [Abe92]. HEPart [YWCC18].

hepatitis [WCCW19]. heritage [CGN18, MKS18, PPM+18, PCB+18b, WDJC18].

heterarchy [DS04]. heterogeneous [BL15, PLLA18].

Heterogeneous [GBA+09, KV17, PZY16, PIP18b, Sun92, VF18, AGCT+02, ADA+12, ABTF16, AMGCC18, ACH+15, APB16, AB17, AB18, ABB19b, BDNP13, BBB16, BLO2, CPGDs+13, CDG+14, CsdCM+17, CGBAP18, CB+01, CXM18, CDDR17, CBCA15, CG02, CKF+06, CXL+17, CSL18, CS09, CFG+05, DZ04, PK+19, DT16, DRTMC09, DR18, DCMW17, DY04, EP12, EW97, EMHE18, ECPF17, FMSS12, Fer96, GS16b, GVA+16, GSY+19, H603, HCL07, HX190, IPG+18, JLY+18, KANS18, KKB14, Kos95, LYJ10, LZXW13, LGY+16, LWZ18, MT17, MM03, MRS18b, NNRA19, NK18, OG18, OVDV98, Ost92, PBB+05, PD18, PBB+15, PZ1+16, PZ2+18b, RDD14, RBJ+17, RJD18, RYH+19, ZZ90].

Heuristic [AA18, Bal91a, WL05, AL18, CSL18, ESW+17, GSR+19, JM01, KMT+14, MCO0, RL13, RS19a, THKG98, XA10, XY+15, ZZZ90].

Heuristic-based [AA18]. Heuristics [NBB18, RT15, BAB12, aCKPM19, DST14, DNP14, GDM19, GVA+16, GGS13, Man15, WCHL10]. HIB [CZXL18].

HIB-tree [CZXL18]. hidden [WQG15, XZP+19]. Hiding [DSM+19, CCD+19, HZL18a, Sha16].

Hierarchical [BMT12, LLW+18a, LOJ+07, S18].
hyperheuristics [MOBD18]. Hyperscale [RMRSA19]. hyperspace [NLM+16]. hyperspectral [Cha11, PM04]. hypervisor [ASB18, RS16]. hypre [ASB18, RS16].

I-TASSER [ZZBZ19]. I/O [Aba06a, BKFO2, CkLC06, CSL18, DLZ+14, DLXR14, DY1+16, Geo02, HMC06, OK02, SM96, TDFZ18, ZXL14]. I/O-intensive [CkLC06]. IaaS [AA18, ASPB03, IBRIDIA [ATH+19].

Identification [WLZ+14, AsRA+19, AFO+18, ARP+19, AJ19, BRL19, CPW19, CPP16, DCS+07, HNQ+18, HZW+16, KZA11, LLQS14, LWT18, SK06, VOCHC17, WLLF16, WCB+18, WNR19, ZWJ19b]. identify [HIA+18c, KAS+18, MLB+19]. Identifying

[AHS+18, PSZL18, WCM+19, XTF+19]. identities [TOS18]. Identity [HSM13, HYF18, ZDW+16, CLM+16, HCL+17, LK12, MLM16, PLCGS11, WMX+17, Wan18b, WZCH17, YWJ+19, YX+16, Sar18a]. Identity-based [HSM13, HYF18, ZDW+16, LK12, WZCH17, YWJ+19, YX+16]. ideology [Sap88]. Idle [CLR18]. iDoctor [ZCH+17]. IDS [HNCJ13]. IEC [YS16].


[GH+03, DBL03, SDBD06]. iGRID2002 [MWC+03, CALN03, LLH+03]. iGRID2005 [GdBW06]. II

[i2R87c, GML99, RVC16a, WGL92]. III [KGW95, YDD+18]. illegitimate [WTTH19]. illumination [LLU+18]. illustration [Avg00]. ILU [KZC04, LN94]. ILU-relaxation [LN94]. Image

[MSM+18b, YXD18, AMBB18, Bro19, BDNP92, CEGL01, CEJK94, DGA18, EFD00, FMV14, FP03, GHEB+18, GPV+14, GDSAS18, GML99, SGbKS19, HYS04, HLC16, Ima19, JYZ+18, KO11, KZA11, hKBB11, KKV+99, KVHT10, KER5, LJHC18, L SZ+16, LLWN04, LZL+12, MZYA19, MGLV04, NOF18, OMK+19, OCAM07, PK99, Pet95, PCM99, RRKA19, VOCHC17, XWX+17, XPL19, YDK11, YCY10, YSC+15, YJS18, ZFY18, ZSMS18, CSV+12]. image-retrieval [YJS18]. imagery

[CMF+19, EdBG+99, PDK10]. Images [YTQ19, BCT+07, Cha11, Cz19, CCM98, DSM+19, DCC+14, FCD+14, GRS+19, HAM18, HWT12, JPL18, KMK+19, KJ+19, KHO+19, LLU+18, MLSO01, MAPA19, QMCH19, RICW00, SGL99, SMCC99, TA19, WWNC13, XJWW15]. imaging [DMMP98, DMM+99, HLZ+19, OM10, SYCH18]. imbalance

[CdSDS15, PAL+19]. iMeter [YZLQ14]. Immersive

[WWY19, WKFO3, CN98, RMM+98]. IMMSIM [PKSC02]. Immune

[BCS99, BZM10, CZY+18, ED04, KRLR01, LFL+17, PKSC02, ZZN04]. Immunization [ZHL+18]. Immunization-based [ZHL+18]. Impact [HAF+16, KESL17, RA12, dACNC16, ABM18, AGKZ18, BOWD+19, Car03, CRVZ15, CRB+16, CBLS13, Dub91, HHD+12, TLY06, WAD+89]. impacts


[BS91a, CYB90, CCKW88, DCK03, EPJ+05, GL95, GSD95, MMV08, MD92b, Pit96, SM01, WMN+01, YCY10, YCD+19].
Implementations [VSD05, Ano06i, DFGR14, NSS99, Ref87, ZSW+18a]. implemented [BTM10]. Implementing [CS93, CMD+14, KKF19, 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+19b]. impraxice [KRD+19, SK12]. IMPRECO [CGV10]. impression [vdR87]. improve [CLP+14, GMLGB+17, LK08, LFH+15, OdOD+13, PLZX19, RMSPP17, SMC99, ZMS+06]. Improved [ESPN17, SE19, TA18, TV16, WLL+19a, AMc19, BBI13, HZL18b, HZL18, JLQZ18, KKAS19, KI19, KKYK04, LZXG12, WN10, YHL+19, YP119, YDD+18]. improvement [CHS11, Ho93, MJM+16, RJJ+19, WQZ19, WTS14]. improvements [BGC9b]. Improving [AMMC18, BVFGWA15, BL13, Dua94, ECPF17a, GIM16, HAF+16, HCN14, HMA18b, HXL+18, LLC11, LY10, MYW+19, PKC04, PAB+14, SS04, SG13, TS08, WSC+19, WLML17, YZ18, ASD12, AB95, GVI13, GJKP18, HBCR01, SAH19, SBA+17, XTF+19]. improvisation [VSKS19]. imputation [CRYG18]. In-band [WGX+19]. in-core [CKFJ06]. In-Mapper [MLC18b]. In-memory [GQLX18, BYL+18, GXW+19, HZDS19, USK16, UDvdW+18, WZS+18]. In-network [PJDO13, ZZDM+18]. in-place [PWMX17]. in-transit [AHP16]. In-VIGO [ACC+05a]. incentive [DWM+18, GA13, HHHK18, HDLW13, JLQ+17, LWZ+19b, RHB08, XY15, ZA13]. incentive-based [RHB08, XY15]. incentive-compatible [HDLW13]. incentive-driven [HHK18]. incentivized [BDP11a]. incidence [XL19]. incident [CES+19, FM17]. incident-supporting [CES+19]. incidents [TMS+17, dSGD13]. including [LRMC94]. inclusive [FLT17]. incompatible [SL19]. incomplete [MvdV01]. incompressible [VFS01]. inconsistency [YWJ+18]. incorporate [YMW13]. Incorporating [LYS+19, SPBT07]. Incorporation [GMB+05]. increase [LVH08]. Increasing [IDM+16, KKAS19, KH18, WWX+17]. Increment [SS03, TWG+19]. Incremental [PBL+18, XWM18, CAR18, FRB+14, KMB16, LKM14, LY18a, LPY+18, PVBH05, YNLY19, ZFS+18]. incrementally [YGYW16]. increments [Tor04]. Independent [FMSSM12, CFL+18, EG18, Fio96, Ger02, GVA+16, LHL09]. independently [BSC06]. Index [Ano00a, Ano00b, Ano01a, Ano01d, ÁO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95b, Ano98a, Ano98c, Ano02a, Ano02c, Ano03a, Ano03i, Ano04a, Ano04b, Ano05f, CZXL18, CPLH19, WXPL17, Lin18]. indexed [LSL+15, WXY16, YNL19]. indexing [ARP14, FMK14, KCKO4, LJ19b, RTS+16, SB17a, SLZ+09, WZW+19a, WMHO13, ZQZZ09]. indicative [ZNC+18]. indicators [DPS16, HXZ+19, NAAC19, SA19, KJFS12]. indices [TBD+02]. indirect [VS19]. INDIS [GVTdL18]. indistinguishability [YZW+18]. indistinguishability-based
[GRTV10]. injection [HTV07]. injuries [PWP+18]. injury [Bo19]. innovations [SSFFR19]. Innovative [Cuz14, KTM+08, TGM+19b]. InOt [PLA18]. input [Abd06b, WHCZ18]. input/output [Abd06b, WHCZ18]. inputs [Wan19]. ins [MS01, HYS04]. insecurity [BP13]. Insertion [GK18, MAC17, LZLL18a]. insider [SMF+19]. insight [BCD+18]. Insights [Cur92, AC16, GTSAR+14, KF00, WLHH18]. inspection [HLL+19, LSW+18, RSRA18]. inspired [AT19b, BW13, CWLZ19, FM10a, GW+19, IGB+14, KKS18b, LCW+18, VV16, XZZ+14, XZZ+19, ZYW+18, ZEO98, ZEO01, dSFD+19]. instability [Bo19]. installations [ACPI19]. installment [SOIS12]. instance [FCY18, Leo01]. instances [BKSS17, CLRL18, DR18, FE+19, GdcP19, Leo08]. instantaneous [MRV01]. Institutes [Van87b]. institutional [BH13]. institutions [KB19]. instruction [GD05]. instructions [Goo01]. instrumentation [BP01, BDZ13, MPPM09]. instrumented [GD93b]. insurance [ABZK15]. integer [GGA+17]. integral [de 94]. integrate [BFLL19, BOP+14, GRCP+17, PBB+05]. Integrated [AS18b, CT09, SDBdL06, AIP+19, BCMA07, CM17, CSV+19, DZJ+00, Dui89, FHYH15, FCD+14, GDRS04, HFL+19, IdLR01, KAS+18, Lf90b, MPF+16, PDH18, Re98, STTK03, SGK10, SKT02, WZW19b, WG91, WS10, WHC19, YZLQ14]. Integrating [BCMR01, HC17, LCL14, BDZ13, CT19c, PSW+14, TQL+19]. Integration [APRC16, AFF+09, AKW90a, BdDP16, CVC+18, DP17, FP14, HRC19, RAA+18, AMB03, CGST09, DPP03, DDR+07, GACM17, HYC04, JNS+19, LLF+18b, MGV+18, MR03a, MR04b, RMC+18, SGY+07, Sin07, SMM+14, SPKG18, SAC11, WLLF16, YWF+10, ZMP10]. Integrative [LGS+07]. integrator [JL03]. integrators [DV03, IS06, MPQ03]. Integrity [DL19, FJT+19, GSC11, HKA+18, JZZ+18, LSG18, LXS19, LZYC15, OB04, SL87, SHJR04, WWSR16, YXA+16]. Intel [CDMR19, FHH95b]. Intellect [AS18b]. Intelligence [ACC+16, Cha14a, Jun17, Kow85, SLS+19, vdR87a, All92, AB18b, Ano86l, Ano87b, Ano87c, Ano87l, Cha14b, DD07, E086, GJKP18, GSN+19, HDA+19, How91, HLT+18, JNR12, Kow84, LSV+18, Lop96, LFY+19, MCA02, MWP16, NPH19, Niw89, NAM+19, Odi14, OB19, QC18, RBC+88, Sch85, SSST17, SJL+18, Szu98, Szu01, WM14, Wii84, YZGW18, YJHZ14, vdR87b, vdR87c, Ano84e]. intelligence-based [OB19]. Intelligent [ACWJ19, BDCC19, DX14, GCD+18, Hsu14, Kim18, KHK9, KPK9, LRZ+18, LWZ+19a, MARM08, NNC+19, XX+19, YCD+19, YSL19, ZWQ+19, AHMS18, BKS+18, CPD13, CSJN05, COT10, CRC+19, HMW+19, IMKB9, KFF99, KRLR01, Kol18, LZL+18b, LXT+19, LWZ+19b, MWC+03, MAY18, NAD+18, NWL17, OMD+18, PTD+18, PKY+17, PLP+19, Sле14, SDC11, Uch89, VFB14, XB14, XTL+19, XZZ+19, XLZ18, ZDL+19, SSK+19]. intelligent/cognitive [BKS+18]. intensity [GZ+18]. intensity-modulated [GZ+18]. Intensive [DO15, ATdC+16, BMK+14b, BPS+03, CLC06, Cuz14, DST01, GVVRV14B, GJ15, IDCJ11, JFZL18, KSS18a, KGVW14, LTTL19, LFHQ19, MF05, NSSA+14, Pal09, Pet95, RSJ+14, SY04, SLC+17, SBD+18, TdPF+17, TjlT00, TbdL16, TBC18, TS18, VVB13b, WR+13, WZZ16, WHYZ17, WHZ19, YFY+13]. intent [KPM+18]. intention [CT19c, JLQZ18]. intentions [FDT17]. Inter [DV90, OMPSPL+19, CLL18b, DPK+19, DDR+07, GS95, GGLW18, LD17, LYS12,
SRZD15, SB16, SBP+17, SBL18, VOS12.

inter-cell [DPK+19]. inter-cloud [CLL18b, SRZD15, SB16, SBP+17, SBL18].

inter-connectivity [VOS12].

inter-enterprise [DDR+07]. Inter-process [DVV90]. Inter-Pulse [OMPSPL+19].

inter-purchase [GGI18]. inter-service [LD17]. inter-stream [GS95]. inter-view [LYS12]. interacting [DS04c]. Interaction [ZAP05, AKB18b, CP19, DS04c].

interactions [Kni89, OPT+17, SDH+19, UZ11, ZG+13].

Interactive [CAS+16, EdBG+99, JHL+06, MG18, PF01, PK08, RS99, SHN10, ABG18, BDL06, CGN18, DK00, GKW+18, HHZ16, ILJ03, KL05, KKL09b, MJ06, Nag16, RRH+16, XZZ+19, ZMN19, ZS05b]. interactions [Kni89, OPT+17, SDH+19, UZ11, ZG+13].

interconnection [AC10, NS10, GFGB03]. interest [AS19, LW+18, LW18b, MRS18b, SMC99, XZ16].

interface [WLB11, AAB+92, ABS+18, BWJ08, BMFC07, BCW01, CKP19, DCBF19, DLR+09, GHY+18, MKS00, MFL18, MYK16, OFO+99, PSBB15, DKD08].

interface-adaptation [PSBB15].

interface-based [GHY+18]. interfaces [ABF+15a, rADFG18, BFL99, Bic05a, FJY06, Kam85, PNH99, RSSD02].

Interfacing [HC99, PL96, HML07].

Interference [AL19, DPK+19, Hfö03, SS13, SMM+14, SdSP04, VV13b, ZF16].

interferometer [Fin99]. interferon [WCW19]. intergenerational [MCG+15].

InterGroup [BAC02]. interleaving [BM08]. intermediate [CEJK94, LZW+18, TZL18, WZZ16].

Intermittent [JM02]. internal [KKL09a].

International [An06j, CC11, CF09, SST+06, BGL08, CGJ+10, LRJ+06, MVC+11, DBD03].

Internet [AMQS+19, GTEL+18, HZW+18, HAT19, IJCR19, JBM+18, LKCS18, MWQ+19, NSR+19, RC18, RC19, SY1A9, SSW+19, VKT+19, YJHZ14, ZAI+18, LTC12, QCY+19, ABMM18, AKP+18, ACWJ19, AR18, AGI19, AT18a, AT19b, ACSdRR17, AHY19, AVPV17, ASAA18, AMPZ16, BA17, BAJ+19, BS17, BEM+03, BZ19, BRH18, BGS+19, BDPP16, BRB19a, BRB+19b, BWG19, CT19a, CCR18, CMI+19, Che14, CBT+19, CMP+17, CBPP18, CDFW18, CMZ+18, CDH+19, DSK+14, DPK+19, DZH18, DRNC19, DP19, DC+19, ESW+17, EAS+18, FG18, FJJ+18, FTK17, FRM+18, FPL+19, GLC19, GMLG+17, GBB18, GHY18, GMD19, GCK18, GZW18, GLD+19b, GBP13, HAJ+19, HDK18, HKA+18, Ham19, HZL18a, HHW+19, HHH+16, HPP+18, HFL+19, HIA+18b, HCL+17, HNQ+18, HXL+18, HSS17, JKAU19, JYY+17, JYZ+19, KWK+18, KK19, KOT18, KCM19, KKY04, Kim18, KLH+18, KLMB19, KLJS19, LLMP13, LK+19, LBD+19, LS10, LHO17].

interference [vdLLE19, DPK+19, Hfö03, SS13, SMM+14, SdSP04, VV13b, ZF16].

interference [vdLLE19, DPK+19, Hfö03, SS13, SMM+14, SdSP04, VV13b, ZF16].
SYW17, SCZ+14, SLH+19, SZGbC04, SCG+18, TLSC17, TLL+19, TS+19, URKM19, WWX+17, WZW+19a, WZ18, WWZ18, WLZ+19, WDD+19, XWW19, XXQ+19, YLVY15, YA02, YWZ+18, YCT15, YWLL19, YHA+19, YN18, YAP16, ZPPE17, ZYA+18, dFBP+17, uRYS+19.

**Internet-based**

[VKT+19, DRNMC09, LWW+13].

**Internet-of-Things**

[FRM+18, GCK18, LKJ+19, RGN+18].

**Interoperability**

[FKBG10, AFS16, ACWJ19, BA17, BNJ16, CXXM18, DGCCH+17, EHT10, GTCZG+18, HA18, KKS08, MRS+18a, NAD+18, SEMJ11, SGM11, TKK+14].

**Interoperable**

[KH19, CMD+14, DMM11, HESM99, KK10a, KKB14, NWT19, SCY+18].

**interpolation** [DS04a].

**interpretation** [Hal88, NSHP88].

**intersection** [NFL17].

**interstellar** [DRS04].

**intuitive** [Zad87].

**introduction** [BLB03, Ray05].

**Intrusion** [GLXF17, ABDH19, ATX13, FZHH14, HNCJ13, HRR+04, KHWZ18, LY10, LTMW19, MC04, PMK18, SI18, SBK18, VSBN19, XFTZ16].

**intuition** [Zad87].

**intuitive** [GGW+09, MKS18].

**Invariant** [WWSSL19, GMdFPL17, HV03].

**Invariants** [JK92].

**invention** [Bur02].

**inverse** [Del06, PBT02].

**Investigating** [CWZ+17, PO00, NAM+19].

**Investigation** [MS03, PWP+18, AAN+18, BP01, GDRS04, KR14, PLLA18].

**Investigations** [AMM16, DC18b].

**Investments** [HA18].

**Invited** [ECPF17a, RW13].

**Invocation** [MBB10, BCFS02].

**involved** [GDRS04].

**involving** [SPM86].

**IoFClime** [MLGGB+17].

**IOFollow** [MYW+19].

**IoMT**

[HJA+19, KJI+19, RYH+19, TSAER18].

**ion** [SBS98].

**ionic** [SWW+13].

**iOS** [DC17, DC18b].

**IoT**

[ABMM18, AT18a, AHYF19, ASAA18, BZ19, GBMP13, KK19, PPML+18, RMDB18, ZYA+18, ZHU18, AHS+18, USA19, AMSPL19, AJ19, AT19a, ATA19, AHU+19, AMR+19, AKB+18a, AGA18, AMBC19, APR+19, BKS+18, BU18, BW19, CPF+19, CES+19, CGM+19, DRC+19, DSBC19, DSPA18, EBCP18, FXG+19, FFC+18, FJA+18, FMM+17, GAI+18, GZL+18, HC17, HLL18, HHK18, HRC19, HSBE19, HST+18, HLT+18, HIA18, JP18, JSC+15, KI19, KS18b, KPS18, hKRM17, KPFJ19, KLP19, KOL18, KLV+18, KCC18, JS17, LOR+18, LTMW19, LJ19b, LZYC15, LYL+19, LWF+17, LYH+19, Mat18, MDB+18b, MPI+18, MOFGP18, MWL+18b, MRS18b, MGA+19, NAD+18, NG18, NDA+19, PPFJ18, PDH18, PGML1+19, PCK19, PWA+19, PPS+18, RTHB17, RMC+18, SISJ18, SDST18, SCY+18, SGB+18, SB18, SP18, SL19, SPKG18, SLD+18, TF18, TOD17, TZL+18, TMB+19, TSGVRS19, TAS+18, TGM+19b, UGBM+17].

**IoT**

[VT18, VRS+19, WNN18, WLP18, WY+17, WYX+19, XYL+19a, YXML19, YZC+19, YWJ+19, YH18, YZG+18, YSHM19, YAG18, ZY+18, ZLY+19, dCRCL19].

**IoT-based** [HE17, VRS+18, PPS+18, TZL+18, UGBM+17, ZLY+19].

**IoT-Cloud** [HSEP19].

**IoT-aware** [AMR+19].

**IoT-based** [CES+19, FJA+18, PPS+18, TZL+18, UGBM+17, ZLY+19].

**IoT-Cloud**

[HSBE19].

**IoT-enabled**

[ATA19, AKB+18a, TAS+18, XLL+19a].

**IoT-FBAC** [WYJ+19].

**IoT-NDN** [MRS+18a].

**IoT-wireless** [SCY+18].

**IoTBD** [CCRL18].

**IoTs** [ZSW+18a].

**IoTSim**
[BGC+19a]. **IoTSim-Stream** [BGC+19a]. **IoV** [CWL+19, SL5+19]. **IoVs** [TZD+19, WLH+19]. **Iowa** [CN98]. **IP** [AMH02, DvdHdL06, JL14, KHJ10, MK04, RS17b, SWCP03, SK18, YCX05]. **IP-based** [AMH02]. **iPS** [BP94, FHG95a, FHG95b]. **iPS/2** [BP94, FHG95a]. **iPSC/860** [FHG95a, FHG95b]. **IPv4** [KKK07]. **IPv6** [BBLP05, LLH+18]. **IQ** [Szu01]. **Iris** [KMC18]. **Irregular** [BBLP05, LLH+18]. **Irrelevance** [BBLP05, LLH+18]. **Irrelevant** [KMC18]. **irrigation** [SDST18]. **ISA** [Goo02]. **ISDA** [WBMP99]. **Ising** [Coo90]. **Islands** [LG16b]. **Isolation** [CW13a, JK17, MK19b, ZGB+17]. **Isometry** [YSZW18]. **Isomorphisms** [TX14]. **Isospectral** [Prz03]. **Isospectral-like** [Prz03]. **ISP** [ASA19]. **ISSM** [CT19c]. **Issue** [ADALZ14, CSY18, DPDS14, DO15, GMP+18, HYZ16, JY15, Mes02, TCG14, TKRA14, YGS16, YJHZ14, ADLW12, ARB12, BB13, BDF+16, CRW+16, CPSRG14, DFRW17, DDB14, Kau99, KZ14, KJ12, LNB14, PC18b, SZ19]. **Issues** [BvdBN+93, Dek86, GTSAR+14, LLW18, LKA+19, LWHS07, UKK+19, CMT01, FDO2, GBT87, HRC19, KLAH+18, LNB14, SWY+18, SYK+17, TG07, Var00, YKO17, ZZF18, ZL12, SM96]. **Item** [Ano97a, Ano97c, LCL+16]. **Item-based** [LCL+16]. **ITEM** [CGM+19]. **Items** [BB17, CEP19, CCMP18, CO13]. **Itemsets** [CLM14b, LHW+18, YK17]. **Iterated** [ML17, SOD18]. **Iteration** [BW97, DGR+15]. **Iterative** [KKHS01, RN04, BJNJ05, BGC+03, CCL11, Čie04, FM10b, GZGW13, HV03, DSL98]. **ITIS’08** [EV99]. **ITô** [WDD18]. **IV** [HHXL13]. **J** [vdR87a, vdR87f, vdR87g, vdR87i, vdR87j, Reu03a]. **JACEP2P** [CCL11]. **JACEP2P-V2** [CCL11]. **Jacobi** [BvdHN+01, BV04]. **jammer** [WTWF18]. **Jane** [PF01]. **Janet** [BKJ01]. **January** [Hul89, Rho89]. **Japan** [Ano87m, Fuk85, KAG89, KAK88, Miz89a, Nag86a, Sas85, Wll84, Yat88]. **Japanese** [Ano84h, FS93, Kas85, Lin84, Van87b]. **Java** [ADT03, AC01, AG05, BBBD01, BP01, Ber00, BKL01, BFW+03, CDMR19, ESPP01, FW02, GW01, LTO07, LP01, Lau01, Lf07, 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** [PSS01]. **JavaSymphony** [JF05]. **Javelin** [NCCS99]. **JCA** [Frew02]. **JetStream** [TCN+16]. **JGRIM** [MIZC08, MZC10]. **JIMM** [Jon00]. **Job** [BCMM18, CCL07, CCD+18, TX14, YHL05, BZMY10, BCC+17, BCB+07, CCL09, FCY18, GRH05, GR96, GD10, GPS13, HXL90, KHi13, KPJ19, LZ10, LCC11, LYO06, LGL+17, MLBS11, ÔE13, QPTGG+12, RNJK09, SWG+16, SDD+09, TZBK13, TZST14, TLY06, WWC14, WMLS14, WS10, WXZL11, XY15]. **Job** [Ber00]. **Job-resource** [CCD+10]. **job-shop** [BZMY10]. **JobPruner** [SNC18]. **jobs** [GD10, JLL17, KNK+08, LAH10, LBU+10, PGPW09, RM11, RMHCMG15, ZQB+18, ZA14]. **John** [Ano87c]. **Johnson** [Her87]. **join** [CC98, YdOLS+05]. **Joint** [AAQ+19, KKL0b, AMAY19, ECA+18, Gal87, HLL+19, HXY13, MSA+19, PSW+19, YHL+19, YZWG18]. **jointly** [HMZ18]. **Jorrand** [vdR87c]. **Josephson** [Kaw92]. **JPEG** [HSP+13, QMCX19]. **JBRicks** [BBBD01]. **JSIM** [MSX00]. **July** [Ano19k]. **junction** [Kaw92]. **June** [Ano19l]. **JUNET** [MK88]. **JXTA** [AMJH10, HD05, ZC05]. **JXTA-based** [ZC05].
K-LZF [JJH19]. K-Tree [WTG+19].
Kalman [TM05, WLL+19a]. Karamjit
[Ano87c]. KBS [SP93]. KDD
[DSU97, FS97]. Keeping
[KKCL+18, MPC+18, SSC+19]. KeLP
[MBFC99]. KelpIO [BFK02]. Kerberos
[MPPM09]. Kernel
[CAPG18, HKT94, JP18, LLSL18, LZY+16,
PRW14, RT06, vW19]. kernels
[BFR05, CRYG18, CGSZ95, JNPY06]. Key
[ABB19b, BBvdB
[BY93, BS92, DHS00b, EHT10, EP12,
ES94, JSZ+19, RBC+88, SDWS13, ST98,
Sun10, XLL+18a]. Languages
knowledge-agreement [APK+18]. key-aggregation
[APK+18]. key-delegation [JSMG18].
key-value [GAYTC18, WHZ19]. keyboard
[Alle97]. keyless [ZXW+18]. keynote
[CCLR18]. Keys
[EHMS00, LH13b, LLL+18]. Keystroke
[MR00, FZV+18, MCRB19]. keyword
[CZZ+18, DLLL17, HZL+19, LXX+14,
LWX+19a, SA07, TDBR18, WHMO13,
WXLY16, XTS+19, YD18, ZSZ14]. KID
[HMMW19]. kind [WTTH19]. kinds
[WGM15]. Kinect [AKG+17].
Kinect-based [AKG+17]. Kites [VLC03].
KL1 [Bal93]. Kluwer [vrdR87]. Knuziak
[Teb86, vdrR87]. knapsack
[HXWW18, OB19, VDPH09]. kneel
[AMAY19]. Knowle [XWL+15].
Knowledge [BBNC18, Chv87, DD07,
How91, NS19, SPCL04, SNA92, TY55,
Wal86, WIE85, ZSP17, Zhv07, ZS16,
ABTF16, Ano86j]. BBC+17, BPA99,
CSC+92, DMPP16, DL04, E086, EdBG+99,
FFPS10, GZS14, GRMSOG18, Hol93,
KFF89, Kim07a, LLS+19, LvW14, LTZ15,
Mae89, MED16, NSI84, Nis93, Ohy89,
OFT09, PP07, PMT10, Qu04, SHS+19,
SY04, Skle14, TCC18, TNY17, TF17, Van87b,
XLL+19c, YMM00, YPHZ14, ZY90,
dLLA93, vdRR87, NJ18, ZL04b, vdrR87g].
Knowledge-based
[How91, SNA92, Ano86j, CSC+92, Hol93,
KFF89, Mae89, Ohy89, TNY17, dLLA93].
Knowledge-guided [EdBG+99].
Knowledge-infused [ZSP17].
Knowledge-intensive [SY04]. KOAN
[BP94]. Kogan [vdrR87b]. Korea
[HPP+18]. Kowalski [Ano84k]. KP
[HQZH14]. KP-ABE [HQZH14]. KRAS
[YWG+19]. Kronecker [BPS06, BKB18a].
Kronecker-ABE [BP94]. Kruskal
[MSPL19]. Kruskal [MSA+19]. Krzy
[DH03]. KSR [LF95a]. KSR-1 [LF95a].
Kuaa [dOWdAS19]. Kurganov [NB04].
Kutta [CP06].

L [Zad87, TSAER18]. L-RNN [TSAER18].
L2P2 [SLL+17]. Lab [BGJ+06]. label
[GLVC18, SLL+17, XHL+19]. labeled
[LWT18]. labeling [CFM19]. laboratories
[AKB+01, BOWD+19]. laboratory
[BGH+03, BDZ13, CGL+10, GRPL04,
GFB03, ZDL+13, DbdL03, SVN+10a].
LACO [AMSPL19]. LaCoS
[BHH91, BHH92]. LADRA [LWR+19].
LADY [WB90]. LAG [DW11]. LAIOS
[Dup90]. Lambda
[LRJ+06, SDBdL06, GIK18, MGYC06,
PT16, THN+06, CT09, GAMC19, GdBW06,
PW09, TDB+08, YLC+06, THN+06].
LambdaGrids [NF07]. LambdaRAM
[VBSL09]. LAN [HO02]. Land
[LNJ04, LLN+18]. Land-use [LNJ04].
landing [TYWZ18]. Landmark [RCM17].
lands [CALN03]. Language
[Ano86a, BS91a, DZLA19, HSS92, Ano85g,
AP96, BY93, BS92, DS00b, EHT10, EP12,
ES94, JSZ+19, RBC+88, SDWS13, ST98,
Sun10, XLL+18a]. Languages
Laplacian [DGA18]. Large [BBJ+06, CTT+08b, CHK98, CGJ+10, EGVT18, FAJP99, FQBCF15, GSV+10, HKM+06, LKM14, LPK94, PB17, WVC05, AMBB18, AR15, ARP14, AB19c, AQB15, BC15, 1BSV92, BR19, BAPS14, BK18a, BDL06, BDHK06, BCW01, BCG05, BCD+18, BCH+08, CFT+15, CZY+18, CDF+05, CRZ+15, CA13, CA15, CR92, CLY14, CZXL18, CWJ+18b, CSTM06, CCHW03, CGM+18, CFD+13, Dat03, DEL19, DAM08, Din03, DC19, DKJ19, DDB14, DPL14, DB99, FDPR17, FPBK18, FWB13a, GLA88, GLNT13, GRMOSG18, GLVC18, GIM16, HB19, HST+18, HLC16, HZ10, HAB+06, IPG+18, IS18, RJ+11, JHC10, Joh02, JTBS15, KKH14, KPB+03, Kho05, Kos95, KAS+18, KTV03, LTN10, LSY+16, LY+18a, Luk00, LM12, MTP05, MKH06, MPR+16, MMVS19, MLS001, NBB18, NS10, NEJP94, NJKH13, PPZ12, PLA18, PGCC+10, PBHK01, PF17].

Large-Scale [CMZ95, Bal92, BL92, JBA94, MRV92, MSS02, Omo91, OP95]. LANS [HMW14].

Latency [HL03, MHC14, ABB+03, CW13a, DHB02, FFL+19, GSC+19, HML+06, HSP+13, KIS11, PBHK01, SSL+18, WPG+18, WWZ+18, ZSS18]. latency-sensitive [CW13a]. latency-tolerant [DHB02].

Lattice-Boltzmann [FPBK04, HRJ+04, KKHS01, ZTaTZ+17, ZD+18, DY04, NCS04, vS04]. lattice-based [CJS19, ZTaTZ+17].

Layer [SVK19, AKCY+17, CCLS09, DvdHGD09, FNA11, GZW18, HDA+19, JBM+18, KN18, KSM+07a, KSM+07b, LXMW15, LWW+16, MYK16, NWT19, PBHK01, SCS+18, TLL+18, TJ18, VL19, WPG+18, YJL+19, ZN12, ZFY18, ZJW+14, dCRL+19, dSBN19]. layered [AMQS+19, DD07, Kim07a, MS01, PDK10, PSBB15, SSG19, SKF+11, SBB18, WJS+18, KJS12]. LayerMover [ZFY18].

Layout [IdL00, KR14]. laziness [KGW95]. lazy [CK00, PY00, TV16]. LBBA [SC16].
ZZX$^{+19}$, ZSW$^{+18a}$. like
[CMT01, DDL01, Ole07, Prz03]. limb
[KPG19]. limitations
[ABdLL05, DGY$^{+18}$, KC98, NS17b, Par87]. limited
[JLS12]. limits [LN13].
Lindstrom [vdR77a]. line
[BMR15, BW95, CCZ$^{+19}$, CCCP19, EV98, LV08, LLW$^{+19b}$, T18, Ueh89]. linear
[ADAAD12, BJNH05, BDNP13, BFR05, BRMN04, BCG06, CZT$^{+15}$, CLY14, DHD89, FPdS04, GKS05, GGA$^{+17}$, HPP94, JLR18, JLQ18, Lop03, LD04, PHL98, PH94, SGFS01, SG04, TGM11, WWX$^{+17}$, YPCK12, ZZ18, vdV89a]. linear-time
[LD04]. linearization [Röb05]. lines
[MD00$^{+17}$. linguistic [CGZL19]. linguistic
[CPE$^{+17}$, ECPF17b]. linkage
[CC00, GCPGGS10, HQ10, KP18, L12, Sun10, WFQ$^{+10}$, Zhi10, AK18a, BCF16, CGM$^{+18}$, DFSZ88, GGC17, GXL$^{+18}$, MDB$^{+18b}$, RRU$^{+18}$, SMG18, SRP19, SGS$^{+18}$, XWL$^{+15}$, XHL$^{+19}$, YCZ18, ZGL19, ZS10]. Link-time [CC00].
linkage [TT$^{+14}$]. Linked
[CDH$^{+19}$, DMMM11, ANs11, BBD$^{+13}$, CPSRG14, Li10, CAS$^{+16}$, PVHTP19].
linking [ABCD00]. links [ABdL$^{+03}$, ACD$^{+19}$, CWJD19, KCM19, WLR18].
Linux [VSM02]. Lip [KLH$^{+04}$. liquids
[Fre94, SB98]. LiReK [CRC18]. LISA
[PCK19]. Lisp [Oku92, YTHY84].
Lisp-Based [YTHY84]. list [BBI13, DNP14, LY18a, Par04, YK17, YNL19].
list-based [DNP14]. literature
[ABP18, AMS19, JC08, MCWP16, SDWS13]. Live
[DK17, FS19, JDW$^{+14}$, AS14, CFMC19, HZW$^{+16}$, JFZ17, KO11, KSK$^{+11}$, JLW13, LRZ$^{+18}$, LFH19, MYW$^{+19}$, SLA$^{+16}$, TDG$^{+06}$, TCG$^{+16}$, YMD$^{+13}$. live-broadcasting [LRZ$^{+18}$. liveness
[GAFFOG12]. liver [wZeZN$^{+19}$]. living
[FKT14, TMB$^{+19}$, VKT$^{+19}$. Load
[BL02, CY01, OSHH96, dRSS97, AA18, AB19c, AS18a, BCMR01, BM08, BBMG10, CT19a, CWD04, CSJN05, CRC13, Cho04, DLS$^{+12}$, DXL$^{+18}$, GOBL16, HLW12, IS18, KRZ12, KKK$^{+08}$, KIC12, LYM09, LZW13, LLW$^{+18a}$, LN18, MM03, MKM11, PGS05, PAL$^{+19}$, PRC$^{+14}$, PBC$^{+16}$, PBC$^{+17}$, QN07, QCY$^{+19}$, SB97, SDTA19, SL11, SMG18, SJTN18, SMA08, SYL18, TDC$^{+14}$, TLZ18, ZGB$^{+17}$, ZMS$^{+06}$, ZSI08, ZGL$^{+18}$, ZFC17, ZFC18, VVB15, ELvD$^{+96}$. load-aware [KIC12, ZGL$^{+18}$. load-balance [DXL$^{+18}$]. load-balanced
[SDTA19].
Loading [CY01, AA18, LZW13, PGS05, 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, RCM18, SWW$^{+13}$, WCM$^{+19}$, XZW$^{+19}$. Locality
[HSC15, SDTA19, ZXL$^{+18}$, BCMR01, HNK018, HBCR01, LJD19, Leo98, Leo01, NNRA19, QZD$^{+18}$, SCSS11, TSK03, USK16, WW14, WWQ$^{+18}$. Locality-aware
[SDTA19, SCSS11, WWQ$^{+18}$. locality-sensitive [QZD$^{+18}$. Localization
[MWL18a, SYJ$^{+19b}$, GAI$^{+18}$, HXY13, SJL$^{+17}$, WWSL19]. localized [WKZ$^{+03}$. Locally [PFMC04, BRL19]. Location
[AHE17, CT19c, DA18, LNLA19, DGY$^{+18}$, FWB13b, GCCL18, GBKJ18, HZW$^{+18}$, HHW$^{+19}$, MQ$^{+19}$, MK04, MVCC10, NWD$^{+18}$, NZL$^{+15}$, PKC04, PLW$^{+19}$, SL$^{+17}$, WZE19, XCS$^{+18}$, XCG$^{+19}$, XYA$^{+18}$, YZL$^{+19}$, ZCLW18, ZLT$^{+19}$, ZWS$^{+12}$, SCH$^{+17}$. location-aware [PKC04]. Location-based
[CT19c, DA18, LNLA19, MQ$^{+19}$, NZL$^{+15}$, PLW$^{+19}$, XCG$^{+19}$, ZCLW18, ZLT$^{+19}$. location-label [SLL$^{+17}$. location-sharing
[XCS$^{+18}$. locations
[Alp18, dIFVPSHL$^{+14}$. LOCCS [DT94]. LoDs [PFMC04]. LOFAR [BBB$^{+11}$. Log
[LWR+19, JD94]. **Log-based** [LWR+19]. **Logging** [RT06, AMH04, EH10, LBB+19, LM12, PY00]. **Logic** [De 88, KB16, SYJ+19b, Ano84k, Ano85g, BS96, BDNN02, CST91, CY90, DCK03, DT93, DLW86, GBY16, LLJ+11, LvW14, MYHZ18, MLGGB+17, OMD+18, Qu04, RBC+88, SGdMM96, SZR18, TWW+18, Yos89, ZT90, ZT91, Zha93, ZS90, dB90, vdR87b]. **Logic-based** [KB16]. **Logical** [BB84, BB85, WMM+01, Vau93]. **logical-time-based** [Vau93]. **logically** [MRV01]. **Logicflow** [KP00]. **Logistic** [RRKA19]. **logicalis** [BBG+05, Zhu18]. **logistics** [ATH+19, SPCL04, ZL04a]. **logs** [PKB19, WLZ+19]. **London** [vdR87b]. **Long** [OS06, RSK16, DQXW19, DLS+12, HKU+11, HKG+16, KTV03, ML19, MGH+05, PM14, WWD+14]. **long-distance** [HKU+11]. **Long-haul** [RSK16]. **Long-range** [OS06, PM14]. **long-term** [HKG+16]. **look** [WYBS11]. **Looking** [Buc05a]. **Loom** [BCD+18]. **loop** [EKGS14, KC98, LTC12]. **loop-free** [LTC12]. **loops** [ACD+19, LRMC94, XYH+90]. **Loosely** [BDNP92, Mis92, AGP+92, MD92b]. **Loosely-coupled** [Mis92]. **Lop** [RGM+16]. **LoRa** [DBP19]. **loss** [KDHP16, LNJ04, RMDB18]. **losses** [DJJ+18]. **Lossless** [DQ97, CCD+19, CCM98, HD81b]. **lossy** [ASO14]. **Low** [ABP16, GVURIVBV14, KW16, LLU+18, MMC+18, RS17b, SHJR04, SLL+18, BTG19, BSE+13, CEJK94, CALN03, DMC+19, FFL+19, GSC+19, GEC+90, HML+06, HSP+13, JCMPPC+18, LA19, LEW19, LYL+19, LZHY19, MTKS00, SPT+18, TLC+15, TWW+18, VCC+12, WPGN+18, WWG19, vdLLE19, DT94]. **low-cost** [BSE+13, LEW19, LYL+19]. **low-footprint** [VCC+12]. **Low-latency** [SLL+18, FFL+19, GSC+19, HML+06, HSP+13, WPGN+18]. **low-level** [LA19]. **Low-power** [MMC+18, DMC+19, WWG19, vdLLE19]. **low-resource** [TL+15]. **Low-time** [ABP16]. **LP** [SISG18]. **LPCMsim** [HK+19]. **LPTD** [ZZX+19]. **LR** [GHMX10]. **LR-WPANs** [GHMX10]. **LSI** [Abe92]. **LSTM** [GY+19]. **LSTM-EFG** [GY+19]. **Lte** [GSP+17, VL19]. **LU** [MvdV01]. **lung** [HLZ+19, KMK+19, LYYW19, YWW+19]. **Lyapunov** [DE03]. **Lyon** [BB+99]. **LZF** [JJH19]. **LZSS** [OSC14].

M [vdR87g, OSCY93]. **MA** [vdR87g]. **MAC** [CLL+18a, CJG+18]. **Mach** [CR92]. **machina** [PKSC02]. **Machine** [Ama88, Ama89, Ama86, BCL88, BVP+87, BDF+99, BHH+93, BS91a, BS94, BB85, BCM18, CCKW88, CH95, LY19, MHdS19, MGL+18, NK18, Por95, XW19, XWW19, YTH84, ZTC+19, AD18, AAN+18, ASTEP98, Ano87l, ASY+18, AGKZ18, AMBC19, Bal93, BS92, BFC02, CPB00, CFMC19, CFVP12, CMI+19, CLY14, CGZL19, dCCDFJ015, DRC+19, DA16, FSV+19, GHP+18, GLD+19b, Gur85, HSV+17, HPGMM18, HSC15, HXL+18, HAA+16, HHS+18, JNR12, JOS19, KI19, KCS14, KSY92, LJS17, LYY18, LLW18, LLY+18, LFH19, LXRS19, LLZ+19, LJJW+19a, LJS+19b, LPPB+18, LZY+16, LJJW+19b, DPBK16, Mur86, Nag86b, NTN86, Ném00, Nit86, NAAC19, NAM+19, PZ19, PPJ18, Pon19, Ram95, RGM+19, SI18, SHLJ13, SNC18, Sim86, SBL+17, Uch86, VVB13b, WG00, dOwDAS+18, XJWW15, YLHJ14, YPLZ17, Zad87, ZY+18, ZHH17, ZFY18, ZGV19, ZXM+19, ZLL+16, ZY90, ZSL+19b]. **machine-based** [LZY+16]. **Machine-Learning** [MHdS19, DA16, GHP+18, JOS19]. **machine-room** [Ram95]. **Machines** [DK17, LY18, SVS01, AS19, ADA+19].
AAM+16, AS14, BHK90, BM00, CHS+18, CC98, DEG+17, DHS00b, DHS00a, DK00, DQLW15, DCMW17, GV13, GBT87, HM17, HZZ+14, JLR8+14, JLL17, JDW+14, KZL+06, KTY03, KSSG16, LLF+18a, LIL12, LC13, Man15, MK19b, PM04, PRC+14, SS13, SDDG17, SLA+16, TMMV12, TDG+06, Uch87, WQ15, WHCZ18, XWX+17, ZWCH17, dITK92, SM01b.

Macroeconomics [HPLL08]. macromolecules [Kol89]. macroscopic [DS99]. macrostep [Kac00]. Magnus [DR03]. mail [LL04b, Ot92]. Main [BLMU19, HX19, TCC+14]. main-belt [TCC+14]. maintain [Mat18]. maintenance [CPLH19, DPS16, ZH17]. Major [HSS17, Lit03]. make [TMM+13]. Maker [JBR+16]. makes [MMC+18]. Makespan [JZWL17, JLL17, RNJK90, WYBS11, ZZZ+19]. Making [CN08, HNS05, RRP+14, WBT+08, ZDW+16, APR+19, DS66, GS05, KK10a, KFF89, KKS+18a, Nw89, PP07, vdR87f]. malapps [WWH+17]. Malicious [YJL+19, LLQS14, MRL14, PZC19, WLW+18]. malware [AD18, HDKC18, HLL+18, HAA+16, HIA+18c, MHD19, MAY18, QKC19, ZZR19]. mammals [WMBV17]. mammographic [BMU18, FV14]. man [LSW+19, TGD+06]. man-machine [LSW+19]. MAN/WAN [TGD+06]. manage [CCMP18, CdRRdCB19, EAS+18, MAB+15, OAMS18, SFR15, TMS+17]. managed [CRM+16, LHPC+19, NJHT1]. Management [AR10, ABBI9b, CDH+19, GS16a, SE19, WXYL15, Aba06b, AB19a, ABGMC19, ADM06, ANG+19, AAB+10, AMPS19, Ano86j, ADK+09, AEME+18, ACC+16, AK18b, BAJ+19, BLO+18, BBWB+18, BJWZ08, BFL99, BP18, BCF+10, BAB12, BPP+07, BN17, BDLO, BCP03, BDH14, BCD+18, BRNR15, BR10, CMZ+12, CMEA+19, CXDM18, CPD+15, CFG+19, CO03, CKK+04, C118b, CKK99, CLM+16, CYK+15, CT09, CAB+18, CS19, Coo86, CR14, DCL00, DJV+15, DMG+08, DMPP16, DS08, DP19, DSS07, DL04, DYE+16, DSA18, EG18, ECPF17b, Fer96, FA11a, FG14, FH+99, FM17, Fra08, FTH16, GMC+11, GLM+12, GLA88, GEG14, GBS10, GKW+12, GCK+12, GGDM+18, Gra01, GR07, GHJ+19, HY09, HAP15, HMM18, HCJ14, HKT94, HST+18, HZP+14, HB00, HML07, HML09, HHS+18, JBM+18, KSF+13, KAO8, KMS11, KKL09a].

management [KADJ14, KS17a, KOL18, KH18b, KMT14]. Managing [KMT14]. managers [GDR+14]. Managing
[BBCN18, DGGH11, HLN11, HKP10, Kos00, LKA+08, MBMTJR18, SCY01, SDF+19, ZG19, ACC+05b, CFGM16, Gos00, LRGJ19, NSA+09, SG14, TBB+17, YLHJ14].

Manchester [Gur85], Mandatory [BL13].

Mandel [vdR87e]. MANET [AdI14].

MANETs [JDF09, ZYW+18].

maneuvering [BRL19, LWX13].


Many-core [HC14, CL14, LLA+13, SS+17, SSW+19, W9G1, XWJZ+19, ZMS+06].

Many [HYZ16, L01, CL10, EDH+13, JLY+18, LC14, MAC14, MCA+18, MGMT18].

Many-core [HYZ16, EDH+13, JLY+18, LC14, MAC14, MCA+18, MGMT18].

Many-particle [Len01]. many-task [MGMT18].

map [Bro19, DR03, HX19, KLC05, LLW+18a, LWK+18, SCCS11, F00, DL04, STA17a].

map-based [LWK+18].

MAPFS [PCG+06, SPK+07].

Maple [YA07].

Mapper [MLC18b, MSS+16].

Mapping [AEGF+01, MFT+17, Van02, YG18, dRSS97, AUSA19, DSK+14, DKV14, DST10, DSTD14, HSC15, KT+08, LW08, LvW14, MMB18, MS03, MEBA12, Reh06, YWZ+18].

MapReduce [FDGR14, ACK+15, DJ+13, DFGR14, GAMC19, GZWQ13, HSC15, JGFB18, JZWL17, JS+13, LMK+14, LQK+16, LLC+16, LHZ+16, LC14, LLA+13, LSJ+14, MNV12, MLC18b, NNS19, SEMJ11, SDA19, SB17a, SJV12, VET+16, WTR+13, XX14, XTT18, YFW+10, ZCK+15, ZFS+18, ZWZ18].

MapReduce-based [LLC+16, LSZ+16, SB17a, YFW+10].

Maps [AS18b, CHe18, DH16, DMM14, KLW+16].

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

MARIANE [FDGR14].

Marine [YWZ+18, FCD+14, WMB17]. marital [MNC+18].

Market [JBR+16, Wii84, JSS+12, JRF+07, Lin18, RT+16, RA12, SSJ19, SCMS12, SVB07, WI86, YAM89].

market-based [SCMS12]. marketplace [JBR+16, MVG+14, VMSRM12].

marketplaces [ABH18]. markets [BAB13, MG16, P2S12, VPT+10].

Markov [BDHK06, BCB+07, CL18b, LvW14, LW18b, WQG15].

marshall [BPP+07].

MARS [GH96].

Mass [GUR85].

Massachusetts [BL13].

Massive [SG95, BORM07, DGD+16, FGM11, KKK07, LXL+17, NS17a, SGB+18, WMLS14, WRBG94, YYS+19, ZRZ19].

Massively [DDD+92, KLO2, Cas94, CS96, Gil94, JBA+94, ZKLK06, NOF18, PDK10, PN09, YDO+05]. Master [LC14, Bun03, HCL07, PCC18].

Master-worker [LC14].

matacomp [HJS+99].

Matching [DDRR96, LZP+18, TOS18, AHYF19, FLT17, GWW+19, KNK+08, LLC+16, LLAW17, MWQ+14, MM03, NWMG17, PRN14, QGX18, TJ18, WHCZ18, XWJZ+19, YZL+18, YZWG18, YSZW18].

Matchmaking [DT16, CDD+10, LCB13, LDS+18, LZL+19, YAO14].

MatchTree [LCBF13].

materials [Gil94, HLLC16, MZD+16, SYT09, SCK+00, WRBG94, WAD+89, ZMS+06].

maternal [APR+19].

Mathematica [UB07].

mathematical [KSAK08].

mathematics [AMB03].

MATLAB [BKG05, EP+05].

MATLAB-based [BKG05].

matrices [A06, BH03, WZC08, dSL08].

Matrix [XZ14b, BST+08, CDS03, D03, GGM018, HBCR01, Jun18, Kat04, KR14, LC04, LXM+18, LGY+18, SJ+17, V19, WYL+18, ZLW+16, ZCH+17, ZC18].

Matrix-based [XZ14b].

matrix-vector
ZWL +16. matroids [YH18]. matter [To99]. matters [PD11]. MAX [SH00].
maxillo [SGL99]. maxillo-facial [SGL99].
maximal [LHW +18, SLD +18].
maximization [KCM19, MG14, NBB18, TL19, WDD18].
Maximizing [MFL18, SMS14b, WJLW18].
maximum [CZ12]. May [Ano19n]. MC1 [LPS19]. MCA [SAH19]. MCA-V2I
[SAH19]. MCC [vdR87]. McCord [vdR87g]. MCDM [HFL +19, SMZ +16].
MCMC [LvW14]. MCS [FY19].
MCS-Chain [FY19]. MDP [MRS18b].
MDP-IoT [MRS18b]. mdtmFTP [ZWDP18].
meager [DV13]. meal [MOFGP18]. mean [CGIP14, HKP10, SZ98].
mean-field [SZ98]. means [AMHJ10, Avg00, Bu18, DS04b, DNW +19, LSN +16, LZY +19b, PW09, PT16]. measure
[RAKJ18, Szu01]. measurement [BDZ13, CHT +15, DMM +09, GSY +17, LXR19, LRC +18, PSP +09, VVC +03, WLR18, XLI +19c]. measurement-based [VVC +03]. Measurements [CSC18].
measures [DDLDTGMP16, GJY18, LG18]. Measuring [HRW18, KGIP +19, PARMF14, VLAC +13]. MEC [SIGS18].
mechanics [Ald99]. Mechanism [ABB19b, WDW +19, AR15, ABF +15b, SYJ +19b, AZO +19, CSJ +17, CWL +19]. Ch04, CB10, CC09, CWLZ19, DWJM18, DLS +12, EK11, ECPF17b, FD95, GA13, GZW18, HY09, HLW12, HAP15, HDLW13, JDFD09, KKN18, KTM +08, LCP04, LZCX19, LJY12, LXMW15, LHX +18, LLQX10, LLGY18, MVL18b, MV09, PWWD18, RHY +19, SMG18, SJKLN18, TGM +19a, TMP15, TAKV12, WZE19, XDHL12, YLL18, YXA +16, ZA13, ZZXZ18, ZZ09, ZA14].
mechanisms [BDZ13, CST92, CLAL19, CY88, CCCT14, DC18b, GHYK18, GDRS04, KKW +14, PLGMCdf18, PMFH11, Sar02, SGN +17, SSB13, TMMVL12, WRCC17, YNY +14].
Mechatronics [CJN +15]. MECOM [JDW +14]. Media
[MLC +11, MPI +18, DVD12, GHO +11, KMN +05, LLG +16, MCG +15, NO19, RS99, WSN18, WDL16, WLA18b, YXZG18b, ZG18].
Media-based [MPI +18]. MediaGRID [WVD +08]. median [KPS18]. mediated [ZGS +13]. mediation [AVST17]. mediator
[ABTF16, WB05]. Medical
[BDM +19, CT19a, CM +19, EV98, GLD +19b, sGhKS19, JYZ +19, KE85, MZYA19, OM10, AIA +18a, AIB +18, BCT +07, CD09, CCM98, DMS +19, EdBG +99, KKV +99, KVHT10, LYYW19, LHBC16, LLSR02, MJ98, MJ06, Mar99a, MLZ +00, PMBS14, PSW +19, SMG99, SB17b, SPS18, TIHT14, VSKS19, VFHB14, WLS +18, WPS +18, XY05, XPL19, YCY10, YSC +15, YLN15, YW1L19, ZCH +17].
medicine [AV00, BM17, CCBR98, FFC +18, LWK +18, MS98, W19].
MediGRID [KBB +09, SLS +09]. medium [BAKB19, DRS04, GHHX10]. medium-sized [BAKB19]. meet [BR18]. meets [CCST13, MGH11, PYH17, TG04].
Meiko [CW93, GL95, LF95b, RB93].
MeikUS [GD93a]. Mellish [vdR87]. member [SZC +19]. membership
[GNVST14, PF17]. MemEFS [UDvdW +18].
memories [De 88, HBCR01]. Memory
[BPS06, BM92, CSP98, DLZ16, GSD95, HKT +19, KGX95, MWQ +19, PB95, AM90, AB04, BFL1999, BYL +18, BK97, BBSV92, Ber98, BEWZ10, CPSD18, CR92, CS93, DKK +13, DKJ19, FC05, FJ +16, GQLX18, GXW +19, GVI3, HH98, HPP94, HHX13, HZDS19, HMMW19, HG92, JDW +14, KPI2, KNO6, KSM +07a, KSM +07b, LAL +14, LLW18, LFH1Q9, LWSG07, LWY +18b, LBU +10, MAC14, Mar90, MCDa16, NP03, PY00, Par04, PH94, RKB18, RCD03, SF06, TC06, US16, UDvdW +18, WVY99, WWC +97, WHZL10, WZS +18, SG05]. memory-based
[MCdA16]. Memory-efficient [BPS06].
MEnSus [AK18b]. menu [LC03].
merchants [ABCD00]. mercury [HRJ+04].
mere [MBZL09]. Merging [Kat04, CPdGd+13, TSOB15]. mesh
[BR+04, CH95, DCFB19, DS04a, KCK04, LH95, RZDM01, UVW92, WC01, XZ14b]. mesh-connected [UVW92]. meshes [JL98, PFMC04, SW05, ZGV19]. Mesos [HPC+19]. Message
[BFR99, FLPP05, Gor02, WHZL10, AMH04, AC92, Ber98, CST92, CJXX19, FFL+19, GSC+19, Kak00, Kal94, LC17, LBB+19, NWL17, ROK19, RMDB18, SL19, ZA14, DKK08, LDSH95, LM12]. Message-based [FLPP05]. Message-passing [BFR99]. messages [MTKS00, ZCT+04]. messaging [OF07]. Meta [ATT96, CBS17, CTT+08a, DD05, ESW+17, FHM+99, HML07, Lop96, PT16, PB17, TCCCI11, WZH+19, XL19]. meta-analysis [WZH+19].
meta-applications [FHM+99].
meta-database [PB17]. meta-heuristic [ESW+17].
Meta [ATT96, Lop96]. Meta-level [ATT96].
Meta-model [CBS17]. meta-modeling [DD05].
meta-scheduling [HML07, PT16, TCCCI11]. Metabolic [DDJ+13]. Metacomputer [ESPP01].
metacomputers [BvdV99].
Metacomputing [BGR+99, PBC+01, RRS99, BFL99, BBMG10, BFR99, EMBO8, GR96, HAFF99, HA90, Kec99, Lee04, MVT+99, MS01, Ram95, SSB05, WSH99, BKKW99].
metadata [BJA+05, GHJ+19, LFH+15, Mil11, YMW13]. metadata-driven [GHJ+19]. METAFOIL [BS96].
metagenomics [DMC+19, MMC+18, SGP+09]. metaheuristic [DOV01, TF18]. Metal [SPSP17, HW95]. Metal-as-a-service [SPSP17]. metamodell
[GHGP19, LKG08, WBKL16].
metamodel-assisted [LKG08]. metaphors [MB01]. metascheduler [TCR+12, VHML10]. metascheduling [LWG07, MHA08]. metasystems [CWW+99]. meteorological [LJC+18].
metered [YVCB10]. metering
[JLC18, RAARP19, TAC+18]. meters [MK17]. Method [DB99, KPG19, AFSH+19, AIA+18a, BLL+19, BCFS02, BvdHN+01, BS04, BV04, BvH95, CZXL18, CYW+19, Cro95, DS04b, DS99, DHL18, DCC13, DL+18, DZLA19, EMM12, FJ18, FW19, FT07, FWB13a, GAFCG12, GOBL16, GPS13, GLXF17, HNK018, HES099, HvHAS04, HPP94, HPLL09, HRJ+04, IO004, IAL10, JNR01, KIS11, Koma89b, Lee04, LN04, LZWX13, LLC+16, LYY+18, LCW+18, LYY18, LLW+18a, LXRS19, LJ19b, LZL+12, LZX16, LZW+18, LXT+19, LZL19b, LSW+19, MQL+19, OA17, PdASM18, PZ14, PVHTP19, PDK10, STK+08, SMIC18, SW+13, SOIS12, SAG19, SLW01, TDC+14, TMDZ15, TSS+19, TYWZ18, VS19, VOCH17, VFS01, WCM+19, XZZ+19, XL+19a, XQQ+19, XJZ+19, LHY14, JY18, YJY+18, ZDL+19, ZCZ+18, ZZZ17, Zhu18].
methodical [MS19]. methodological
[CVT19, CGM+19]. Methodology [DDO+92, Ham17, vdr87c, ACMM19, BJWZ08, KKS18b, LCY19, Mat89, MSBA16, MED16, OP97, SKT02, TF17]. Methods
[ALFR16, BHH91, GLS99, PBT02, AHJF97, AMM16, BMZ01, BHH92, BC03, BST+08, BMP+16, CP06, CMO03, CZXL18, CLR18, CM99, Cie04, Cuz14, Dat03, DLP06, DRO3, EL03, EWG99, FL17, GK18, HND06, IS03, KGO1, KV+E18, LY19, MLG13, MG19, Mal94, MYBM18, Mar90, MR03a, MR04b, NK05, PP06, PRW14, Rum99, SPR+10, To099, XA10, ZM97, ZN12, ZMS+06, dLB10].
metocean [KNI+18]. metric [LY+18a, LWSY18, PSL19].
meter-based [LY+18a]. metrics
[AdVAGF18, BBI13, CdSDS15, GJF+12].
mission-critical [MC04, RRU+18]. Misty [AMQS+19]. misunderstood [CSL19].
mitigate [SMF+19]. Mitigating [LYW+18b, ASB18, TA18, WSQ+18].
mitigation [HA19]. mitigations [KdGP+19]. mix [QC18, AGP+92]. Mixed [GGA+17, SSFFR19, SZK16, WHW16].
mixed-parallel [WHW16]. mixing [ZMH+18]. Mixture [BBMG10]. MJSAnote [BCB+07]. ML [GL05, GGLD10]. MObile
[KK18, AR17, AT18b, BDE17, BRB19a, BRB+19b, CFL+15, CT19c, FG18, FNN+17, FLR13, KIA17, KIMR15, MAD+16,
NKB19, QKC19, RLM18, SVK19, TMW+17, VFFB14, WZM+18, WZWW18, YHL16, ZSL+19a, AHS+18, ANG+19, AMH02,
AMH04, ADLW12, AHI+19, AB18a, AB19c, ADH+16, AMGCC18, AMPZ16, AMRM18, ALL+18, BJ12, BDP11a, BOP+14, BN17,
BCP18, CWD04, CGBP18, CWJ16, CZN+18, CZZ+18, CMVA18, DSD+11, DYC+18, EAA16, ESP01, FHZW18, FY19,
FX07, GD10, GSP+17, GR07, GWO03, GM18, GSY+17, GCC18, GNVST14, HHK18, HMZ18, HXC+18, HLT+19, HJK+04,
JLQ+17, JXC+19, JKLK17, JOSD19, KKKM13, KB18, KGYL18, LW18a, LM07, LHI3b, LCZ12, LMX15, LWH+18, LLJ+11, LCMX16, LPL+16,
LWL+18, LWT18, LLGY18, LZZ11b, Lok12, LFY+19, LLL17, LWZ+19b, Mks18, ODK+17, OF07, PZA18, PWY03, PK04,
PRS+13, PKY+17, QZD+18, QTG+18, RS17a, RCOP+11, SB19a].
mobile [SPJ17, SLK17, SCB04, STA17a, SYK+17, TLC+15, TGM+19a, TLL+19, UTT00, VNA19, VL19, VSSD13,
VC18, VGD+19, WLZ+16, WWJ17, WCL+1b, WGG19, WWT18, WLA17b, WMJW18, XZZ+14, XCS+18, XXX+19,
YLWW18, YCXW18, YWY+17, YC18, ZF16, ZZ19, ZYC+19, ZDV+16, ZLL+17b, LSTV07, SGN+17, ZHL+18]. Mobile-aware
[ZSL+19a]. mobile-IoT [AHS+18].
Mobile-IoT-Federation-as-a-Service [FMN+17]. Mobility [GD10, LNK+18, AMH02, BRB19a, BRB+19b, EAED18,
FAMA+17, GVGB17, GCK18, GSP+17, GMP+17, HZC+08, MDB+18b, MGN+16, MK04, OVK+09, PC17, PRL+19, SBP+17,
WZM+18, WHBC19, YCY18]. Mobility-aware [GD10, YCY18]. modal [CZ19, XPL19]. mode [FC05, HNP05, JKLK17, LYS12, MRV01,
WMO+16, YZZC19, ZZJ17, HHG05]. Model [Ans11, BHH91, DWS12, EHT10, FMN+17, LB09, LH07, LCH+18, PSS13,
RBN13, SST18, TCBC18, WHC18, ZCM19, AOIS10, AMAY19, AFSH+18, AQAR+18, ABTF16, AJY12, AL14, AB18a, ATc+16,
AMGCC18, AK14, AKM18, AKM19, BvdBM*93, Bal16, BMPS01, Ban02b, BAK19, BFL09, BdCYG05, BKS+18,
BBvdB+11, Bd10, BR19, BHH92, BDM011, BWG19, CG14, CIK10, CP05, CW16, CSG+18, CW+99, CBS17, Che14,
CAC+15, CCY+18, CYJ19, CY90, CYB90, CPH19, CdRdCB19, CDRS05, CS90, CBBdL16, DS08, DDMG17, DNW+19,
DZLA19, EAS+18, EMJ+13, FPdS04, FLR+16, FKOC11, FWB13b, GLC19, GS13, GYO90, GZZ+18, GB99, HAJ+19, HD05,
Ham17, HPZL18, HHS98, HAM18, HZM14, HMMW19, HLZ18, HK+16, IMKB89,
IG12, JL95, JAA07, JL95, JAA07, JL95, JAA07, JL95, JAA07, JL95, JAA07, JL95, JAA07, JL95, JAA07, JL95, JAA07,
JFZL17, JSS+12, JF05, Jn18, KMK+19, KP00, KYZ19, KSA0K03, KSA0K08, KCK04, Kim14, KRR01].
model [KPK19, KGW95, LS07a, LR06, LHL09, LF01, LHJC18, LvSW+04, LZL+17, LZL18a, LY+19, LZT+19, LC14,
LWW+18, LLZ07, LLJ+11, LDS+18, LWSY18, LW18b, LZJL19, LBU+10, Low01, MAC14, MWL18a, MYH18, MG16,
MJM+16, MK17, MS19, MTVO5, MKH06, MCR+16, MBA19, MLZ+00, NSR+19, NV11, NR+17, NA19, OP95, P000, Pal01,
PGCC+10, PSS01, PKSC02, RRKA19, RDA18, RZ16, RR18, RSV90, RWV+13,
RGDML16, RMCD12, RS98, SMF+19, SHP+16, SS13, SHBP10, SGL99, SL11, SZ12, SCB04, SD02, Shi92, SGM11, SFR15, SCL14, SKS17, SUD+16, Szu98, TSLC17, TZZL+18, TMDZ15, TQL+19, TGM+19b, TD05, VDPHS09, VP94, WG00, WC06b, WWC14, WY17, WHP09, WYH+17, WWA19, XWW19, XZ16, YNSM12, YMW13, YZLQ14, YWLL19, YCH19, YY18, WY+17, YJL+19, ZZDM+18, ZRZL18, ZT90, ZT91, ZLTY10, ZME+15, ZZJY16, ZNC+18, ZL18, ZYXL05]. \textbf{model} [diTK92, CsZW14, GM11, HLCL16, KLM+03, ML19, Mi11, MCF+11, SB11, St93, PSp+09]. \textbf{Model-based} [LB09, LCH+18, BvdbM+93, DLZ19, IMKB89, MJM+16, NSR+19, SZ12].

\textbf{Model-driven} [DWS12, RB13, TCBC18, ZCM19, Ham17]. \textbf{Model-oriented} [BHH91, BHH92]. \textbf{Modeler} [FBBW99]. \textbf{Modeling} [AS02, AY16, BDWM17, CC19, DLZ+14, DCC+14, DYC+18, FX10, GL19, GLNT13, GS16a, GL04b, HHD+12, HBCR01, LJ19a, LZH+18, MZP+19, MG18, Mor01, Mun04, Nag16, RLT+17, UT10, VCL+19, WRC17, WBJ14, Wri19, YKK13, AKP+18, AT18a, ABS+18, AMMC18, BRL19, BCF16, BGLS17, CPGB16, CAC+10, CPSD18, CAPGH18, CSL19, CRK04, CRWZ19, DD05, DJH+19, DC00, FSM+18a, GIK18, HKM+06, HLT+19, Igl04a, JAA09, KVR15, KML18, KB16, LN18, LPD+13, LHZY19, MGT18, MGYC06, MVAS89, Mi100, MSS+16, MH+18, NKP16, NO19, PBT02, RMSRA19, SZP00, SRP19, SLD+15, SBA+05, TQZ18, TSS+19, VR05, Wie03, XFM16, ZYTC15, ZCW19].

\textbf{Modelling} [BGCC+19a, CFP+19, HCB16, Kyr19, Lin18, DPBK16, MHW+16, Pap05, WCH+18, ACU95, AEM10, BPS06, BN06, CGT07, CWW+13, CH04, DS99, DY04, EPB18, FPX+09, FHG95b, IJLC03, KG01, KMB+17, KGVW14, KH97, Lee04, LSD+17, LASL16, LGS+07, OCW14, SWW+13, SCN+14]. \textbf{Models} [BAP17a, BAP17b, GSD95, KGX95, TTP+07, BS17, BGI14, BLC+12, BNJ16, BDHK06, CDG+05, CMS+18, CHSA18, CS93, DDL01, FEa19, GBA+09, HAP11, HLV+16, IKLL12, Jsi92, KI19, KCT99, Knu07a, KM01, LMBCC89, LOR+18, Lin18, LK17, LTZ+15, dSMARt+17, MRO4a, MHZK18, Mér17, Mor01, NBB18, OCK14, RB12, RLC13, Sch01, SWW+13, ST98, SLW11, VVB13b, WJZ+17, XAK10, YZW+18, vdHS+15]. \textbf{Modern} [ABMS05, LRY17, MDT+18, SCS04, TKR+15, ZME+15]. \textbf{modes} [CASW05, FAAl+18], \textbf{modifiable} [CLS+19]. \textbf{Modifed} [BRL19, GDRS04, LN04, SL19, ST11]. \textbf{modifying} [GL04b]. \textbf{MODIS} [HR+14]. \textbf{Modular} [DSPA18, WSL+19, Bro19, CHJ+04, FSP+18, HML07, PSW+14, RN04, YP12]. \textbf{modulated} [GZ+18], \textbf{modulation} [HJK+04]. \textbf{module} [WG00, WP+18]. \textbf{Modules} [HLVL+97]. \textbf{MOEA} [WHC19]. \textbf{MOF} [DKJ19]. \textbf{MOF-BC} [DKJ19]. \textbf{moldable} [HZZ+14, LMB11]. \textbf{molecular} [AV+13, BRS04, FAJP99, GRPL04, MDD9, MF93, PHM04, RHO99, SCK+00, SBA+05, St99, TKTG19, ZCW18]. \textbf{molecular-dynamics} [SCK+00]. \textbf{molecules} [DRS04]. \textbf{Molokai} [Hui89, Rho89]. \textbf{momentum} [DHL18, KKH01]. \textbf{MOMI} [DFS88]. \textbf{MOMI-connection} [DFS88]. \textbf{monitor} [HMP04, SHL013, ZYZ+18, vdLE119]. \textbf{MOnitoring} [Suz89, ACU95, BS+05, BFW+03, DV90, KS18, LRZ+18, RMCN+10, VLAC+13, YCD+19, ABC+18, AASH17, AB19b, ASO14, APK+18, AB19c, AM+19, AB+18, ADF+05, BBFW03, BKB11, BBW+18, BCC+17, CA15a, CJH13, CZH+18, CC09, DP19, EET18, FZW+18, FGG13, FAMA+17, FWB13a, FCD+14, GMP+17, GKT15].
GJKP18, HEES19, JNHL18, KSF+13, 
KbdLG18, LBB+09, LCCM18, MVL+18a, 
MSS+13, MOGFP18, MMLQ18, NDZ+18a, 
NDZ+18b, NDZ+19, NDA+19, PMLVLS+13, 
RRS10, RYH+19, RAA+19, SB19a, SSL13, 
TCL+14, TSTL16, TSBH11, WHMO13, 
WXZ+18b, WDDD00, WPS+18, YCL+19, 
ZS05a, ZZSJ18, ZZQ+13, Szu89.
monotonicity [EL03]. Mont [OBG+18]. 
Mont-Blanc [OBG+18]. Monte 
[BST+08, CPdG+S13, CPBG16, DDJ+13, 
JH16, TMTY05]. Monte-Carlo 
[CPGBC16]. mood [CC19]. Morpho 
[LSJ+14]. Morphological [YP12, GDAS18]. 
mortals [MBZL09]. MOSIX 
[B198, MKM11]. mosquito [SM18]. most 
[CLC11]. Moth [CT19b]. motherboards 
[HIJCD05]. motifs [GAB+14]. motility 
[Len01, Lov01]. motion 
[KZCW13, KLC05, SKF+09, Sin92, SYW17]. motions 
[CRRC19]. motivated [Pet95]. 
motivators [NZOCJ+19]. motor 
[CM1+19, RMSPP17, XZZ+19]. motorized 
[ZMN19]. Mutus [GK18]. mouth [XL19]. 
MOVE [BJ12]. Movement 
[BRB19a, KSW+13, KPG19, Pal01, Sch01]. 
movements [AKM18, NUPA19, RCMT18]. 
MOVICAB [HNCJ13]. movie [MBC+11]. 
movies [Wei11]. Moving 
[LSAMI13, ATS14, ASA19, BTG19, TTC+14]. 
MP [GLXF17, LJV04]. MP-MID 
[GLXF17]. MPI [ACGdT02, ACH+11, 
BCH+08, CRE01, DZ98, FD02, FB97, 
GLM+08, IPG+18, JS13, LR06, LRW01, 
LLB+19, LZHY19, LS08, MM03, NHT06, 
PSK+10, Reu03b, RGDM16, SG05, ZA14]. 
MPI-based [LRW01]. MPI-DL [FB97]. 
MPI-Delphi [ACGdT02]. Mpixel [SW06]. 
MPLS [BLO+18]. MPP [HW95, vOB95]. 
MPP-systems [HW95]. MQRP [FG18]. 
MQTT [RMDB18]. MR [DMM+99, 
DSM+19, GRS+19, VETT16, YWF+10]. 
MRA [ACK+15]. MRI [GSV+10]. 
mrMoulder [CQW+19]. mRNA 
[TBD+02]. MRPL [BRB19a]. MSIMD 
[GS95]. MSNP [WWVJ17]. Mt. [CDRS05]. 
Mu [NTN86]. MUC [QCYJ17]. Multi 
[AJY15a, AJR+19, AB18c, BMU16, BB17, 
CGZL19, DNJG17, DF07, DNP14, FJJ+18, 
GETL+18, GOBL16, GHEB+18, GXD+09, 
GCC18, GLXF17, HMH17, IS03, JAA09, 
JLQ18, JYZ+18, KA19, LBD+19, LLH+17, 
LPL+16, LPV+16, LZF19, MZH+17, 
MGMT18, MLSF16, MR03a, MR04b, 
MFSV19, MMRL17, PdASM18, PWWD18, 
RCW+19, SA14, SAH19, SKF+11, SS17, 
SDD+09, TZZ+18, WZW+19a, WY11, 
WWTF18, XPL19, YDT19, YLC+06, 
ZFW14, ZCL+14, AD18, ABDH19, 
AFSH+19, ADKS06, BGI14, Bar11, 
BPC+14, BWG19, CZY+18, CJJX19, 
CCLS09, CZ19, CXC+18, CCCT14, DLLLZ17, 
DFG+00, DEG+17, DvDHGdL09, DSH+99, 
DB09, FTK+14, FLT17, FHZW18, FZT+18, 
FNA12, GQXL18, GLVC18, GTPS+19, 
GPS13, GHJ+19, GJKP18, sGK19, 
GDR+14, GGLW18, HGG+14, HLZ+19, 
HFL+19, HIA+18c, HLZ18, Ina19, IDCJ11, 
IGB+14, JRJ+11, JP18, JTSB15, KDHP16, 
KKB18, KMT+14, KIS11, KLH+04, KESL17, 
KMKM17]. multi [KKKM18, KB16, 
KGLY18, KLW+17, LJ07, LJ17b, LXX+14, 
LWD+14, LYY18, LLZ+19, LDJL19, 
LH13b, LHL03, LYS12, LG16b, LW18b, 
LPD+13, LSG+19, LLLW17, MWYC12, 
MZZ+19, MSK03, MR04a, MDD15, MYK16, 
MRN19, NWE04, PK11, Par06, PRC+14, 
PDW+11, PMLVLS+13, QCY17, QZM+18, 
RMJ+18, RRU+18, RB18, RMHCMG15, 
RRH16, STMV18, SSG17, STTK03, 
SBAD+18, SWG+16, SCS+18, SOIS12, 
SK019, SWW+18, SBK18, SLLB08, SLY+19, 
SVN10b, TLT05, TKA+18a, TZD+19, 
TCBP16, TCD+16, TYH04, VD16, 
WHMO13, WWC14, WHW16, WJZ+17, 
WJS+18, WSH+16, WHP09, WXZL11, 
WSQ+16, WLXZ18, WHCW19, XZL+19, 
XYLZ18, YJS18, YZ12, YJL+19, ZGB+17,
ZWL13, ZZH$^{+18}$, ZTKX19, ZLG$^{+14}$, ZLL$^{+16}$, ZHHQ18, Zin18, dFPFG19, vM94, vOHD$^{+05}$, AB17, Gra92, HLL$^{+19}$, multi-
[ZLG$^{+14}$]. Multi-agent [MFSV19, Bar11, GJKP18, KB16, LJ17b, NWE04, SSG17, Sko19, WXZL11, WHCW19, Gra92].

Multi-Algorithmic [GTEL$^{+18}$]. Multi-application [DF97]. multi-aspects [MZF$^{+19}$]. multi-attribute
[FLT17, SLBL08]. multi-block [vM94]. multi-camera [YJS18]. Multi-Capacity
[BB17, HMH17]. multi-category [GGLW18]. multi-channel [QXL18].

multi-Cloud [JTBS15, ABDH19, DEG$^{+17}$, KKKM17, KKKM18, RMJ$^{+18}$, SBAD$^{+18}$, TKA$^{+18a}$].
multi-cloud-server [KLW$^{+17}$]. Multi-cluster [JAA09, WHW16].

Multi-component [SVN10b]. multi-copy [ZTKX19]. Multi-core
[MGMT18, MLLRL17, LG16b, MWVC12, PK11, PRC$^{+14}$, QZM$^{+18}$, YJS18, WSH$^{+16}$, YZ12, ZHHQ18]. multi-cores
[HLZ18]. Multi-cost [SD$^{+09}$]. multi-CPU [VD16]. Multi-criterion
[FFJ$^{+18}$, KA19, MLSF16, ADKS06, WHP09, ZZH$^{+18}$]. multi-criterion [FTK$^{+14}$].

Multi-device [PLP$^{+16}$]. Multi-dimensional
[SS17, WZW$^{+19a}$, WW11, ZFW14, DSH$^{+99}$, DB99, FNA12, SWG$^{+16}$].

multi-disciplinary [DFG$^{+00}$]. Multi-domain [GXD$^{+09}$, YLC$^{+06}$, SLY$^{+19}$, XWW$^{+19}$, vOHD$^{+05}$].

multi-exponentiation [WSQ$^{+16}$]. multi-factor [LWD$^{+14}$]. multi-feature
[HLZ$^{+19}$]. Multi-fidelity [LBD$^{+19}$]. multi-formalism [BG14].

[WWTF18, SAH19, KESL17, LLAW17, TZD$^{+19}$]. Multi-information [GCCL18].

[LLH$^{+17}$]. multi-keyword
[LKX$^{+14}$, WHMO13]. multi-label
[GLVC18]. Multi-layer [TZL$^{+18}$, CCLS09, DvdHGdL09, SCS$^{+18}$, YJL$^{+19}$].

multi-layered [WJS$^{+18}$]. Multi-level
[YDT19, AD18, CXC$^{+18}$, GOBL16, LSG$^{+19}$, RMHC15]. Multi-lingual
[CGZL19]. multi-link-failure [RRU$^{+18}$].

multi-modal [CZ19]. Multi-objective
[AJR$^{+19}$, DNP14, GOBL16, JIQ18, LPV$^{+16}$, LZWF19, ZCL$^{+14}$, CZY$^{+18}$, FZT$^{+18}$, GPS13, HFL$^{+19}$, LDJL19, STMV18, WW11, ZLL$^{+16}$, Zin18].

multi-order [LW18b]. multi-paradigm
[STTK03]. multi-party [KKB18].

multi-physics [Par06]. Multi-point
[SKF$^{+11}$]. multi-processor [MRN19].

multi-projection [BGW19].

Multi-Protocol [GLXF17]. Multi-provider [BMU16, IGB$^{+14}$].

multi-proxy [TYH04]. Multi-QoS
[AB18c, AB17]. multi-relay [ZWL13].

multi-resolution [sGbKS19, KLH$^{+17}$]. Multi-resourse
[LYYY18, LLZ$^{+19}$].

multi-scale
[JY18, RCW$^{+19}$, Ima19, MR04a, XYLZ18]. Multi-scheduler
[AJR15a]. multi-sensor [dFPFG19].

multi-server [FHZW18, LHL13b, LHL03].

multi-signature [TYH04]. Multi-site
[SA14, TCR$^{+16}$]. Multi-spectral
[GHEB$^{+18}$]. multi-start
[KMT$^{+14}$].

Multi-symmetric
[IS03, MR03a, MR04b].

multi-tenancy [GTEL$^{+18}$]. Multi-tier
[GDR$^{+14}$, HGG$^{+14}$, IDJ11, KIS11, LPD$^{+13}$, TLYT05]. multi-tiers [LJ07].

multi-touch [PDW$^{+11}$]. multi-trusted
[WW11]. Multi-UAV [HAL$^{+19}$].

multi-user [DLLZ17, JRJ$^{+11}$, KGLY18].
Multi-valued [MZH+17]. multi-version [QCYJ17].

multi-view [LYS12]. multi-wireless [MYK16]. Multiagent [RML+19, PCG+06].


multichannel [MYBM18]. multicluster [CWD+08]. Multicomputer [MF93, BL98, CST91, KD00].

multicomputers [KM01]. Multicore [LIC+19, ADH+16, BFP18, CHS+18, HAF+16, JLRHS18, KR19, KR14, LRYJ17, PSSP16, RGDML16, WCC+16, WTG+19, WPJ16, WLR18, HYZS16].

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

Multidimensional [CLR16, PLW+19, BS09, JLC18, YC13, ZQZJ09]. multidisciplinary [ATJMZ02, SMK05].

Multifaceted [ABTA18, GBF+12]. multifrontal [IST04].

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

multigrid [LLRS94, LN94]. multilayer [RM97]. multilayered [NKX09].

Multilevel [SRP19, WC01, SSC04]. Multimedia [ACM+18, HXA+17, KCM19, LBD+19, WDD+19, YWL+17, AMPS19, AMPP9, BS91b, CFGC03, DRDRCB19, FGRZ09, GL04b, GSY+17, HLYW17, HML+06, HYX+19, HXL+18, HPL+19, HCHH19, IG12, KLJS19, LXF19, Ms192, Pap05, PKY+17, RHH+16, SLS+19, TGM+19a, WLH+19, vKvW+13].

Multimodal [Sar18a, AHH+18, EAA16, HY+19].

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

multinode [WTG+19]. Multiojective [CZL+18a]. multiparadigm [BDG05].

multiparty [HML+06]. multipath [HYX+19, KN10, VSKS19]. multiphysics [MTH+05]. multiplayer [PN09]. Multiple [CWW+16, MBFC99, SKS+18, YZZC19, AFF+09, Ans11, AM19, BBB16, BCPS03, CTVB12, CMB17, CGL08, CAPG18, CSL18, DPL14, EG18, FD95, GAA19, HQ10, JCSS01, JL03, KSK+11, LL+18, LSMVML13, MJ+16, MVRM08, MI01, PC17, RM11, RMHG17, SG17, SLA+16, SVN10b, TMMVL12, WTM+17, XDHL12, YXZG18b, YD18, YL18, ZYB+18, ZYCS19, dIFVPSHL+14, dCTVC18, dFPFG19].

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

multiple-perspective [HQ10]. multiple-task [MVRM08]. multiplexing [HFM19]. multiplication [ZWL+16].

multiplicative [TWW+18]. multipliers [WMLS14]. multiply [CSQ17].

Multipolarization [FLN+18].

Multiprocessor [SZ98, AAB+92, BR92, BW95, CR92, DKV14, GE90, Kat04, Kun94, LS01, Nos98, OSCY93, Par04, SC16, SKJ01, SF06, Yam92, ZMTT16, mM95].

Multiprocessors [AB95, Ber98, CK00, HHXL13, TC06, WYJ99].

multiprogrammed [Ab06a].

multiprogramming [Ste92].

Multiresolution [EWE99, Boa04, GRS+19].

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

Multiset [BCL88, MK95].

multisets [CRY18]. multisite [DST10, LPV+16].

multispare [CW93]. multispectral [IMA19, LLWN04, SYCH18].

multistage [ADKS06, GS13, KYB+19].

multisymplectic [LS06]. multitask

[MSO18]. multithreaded [BFW03, Némo0].

Multiuser [NRR+15, dSNB19]. Multiuser-centered

[NRR+15]. multivariate [DD05, WSL+19].

multiway [CC98]. multiworkflow [AHEM17]. München [Bun03]. MUSCLE


[DMN+05, JGBF18, YWG+19, YDD+18].

mutual [Bag19, JKAU19, KLV+16].


Negative [YLH+19, DYC+18, HZX+19, SK05].

negotiation [COC10, DMZ09, GP09, LZYC13, MG14, MG16, RT16, RZ16, SSL12, YKL+07].
nearby [CZL+18b, FJ18, GLVC18, KKL06].
nearby-selection [KKL06].

Neighborhood [ZF16, AEGF+01, CZ12, CSL17, NAGD18, RNJK09, WYH+17, ZSJ19, ZRZ+14]. Neighborhood-based [ZF16, ZRZ+14]. neighbors [CSL19]. Nephropathy [QXZ+19]. NEPTUNE [OS92]. nervous [UPP17]. nesting [GL05]. net [LS05, dLB10, LS05]. NetCoM [RW13]. NetCoM-2009 [RW13]. Netflow [KC19b]. nets [AEM10]. NetSEC [SM03]. NetSolve [ESFD06, PCBD99]. Network [ACC+19a, AS18b, BZH19, BHE+19, BCR+12, CBN16, CW13a, CWL+19, DDD+19, Din91, FS19, HDK18, JL14, LG08, MLC+11, MBM18, MTKS00, OVK+09, Pal09, Per86, TMW+17, TCCC11, VDTK12, WTWF18, WLRL18, ZHHC17, AAYL19, AFO+18, ABD+19, ADOKM06, AQAR+18, AAA+19, ABB+03, ABF+15a, AFN+10, AR10, ASA19, BMU16, BTM06, CWL+18, CTF+99, CCL08, CFL+15, CXX19, CWW+16, CHZ+18, CS12, CFPC17, CDB+19, CS19, CNR19, CFG+05, DPK+19, DCBF19, DBP19, De 88, Del06, DVB14, DS08, DCF19, Dui89, FB19, FZHH14, Fer13, FJKK17, FWR13b, FFL+19, GPA00, GOBL16, GY16, GVdBL15, GFR+06, GdBW15, GMM+09, GSC+19, GGC18, HPZL18, HAF+16, HUY+19, HLYW17, HCN14, HSP+13, HSB+18, HZL18b, HDH+18, JAA09, JCO9, KR19, KKP+05, KLJS19, KDlG18, KKL0b, KAS+18, KS18c, KGLA85, LJ04, Lec04, LJ19a, LZWX13, LNB14, LML+14].

network [LYYY17, LXL+17, LLZ+19, LWSC07, LXTZ+19, LLIW19a, LSYC18, LCL+18, LLWN04, LSH+11, LWT18, LdPMCT19, LKTC14, MYYH18, DBPK16, MHIC18, MVG18, MBC+11, MSLP93, MWCK19, MBL+19, MGA+18, NAGD18, OS92, PP10, PJD013, PMK18, PBL+18, PECA19, Pip10, PTT12, RR18, RKSU08, RS98, RGCC18, SSG19, SGR19, SZP00, SM03, SP18b, STC15, SKS+18, SCMS12, SNP19, SRCR97, SPBT07, SYAL13, Sum92, TBBK13, TBS+18, TCR+12, UZ11, UDvdW+18, VS88, VL19, VCDK18, VOS12, VSV95.
WTG+14, WRCC17, WCB+18, WWZZ18, WCL18, WMA+19, WL18a, WHS99, XWL+15, YMLT13, YCL+19, YCXW18, YHH+19, ZGB+17, ZZDM+18, ZGV19, ZWJ+18, ZS10, ZCW19, ZWMC19, AS18a, BRI18, BSE+13, GPJC17, GKT15, HQ10, MCJ19, RGSL18, Sun10, WFW+10, Zhu10].

**network-aided** [GSC+19]. **Network-aware** [BCR+12, Pa09, TCCC11, VDTK12, ZHHC17, PP10, TCR+12, UDvdW+18].

**network-based** [LYYY17, Sun92, RGLS18].

**network-driven** [YMLT13].

**network-failure** [DFC19].

**Network-on-Chip** [MBM18].

**network-on-chips** [SSG19].

**Networked** [FMD99, PMFH11].

**Networking** [CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, CKJ+18, GXL+12, GLZL16, GdbW06, HCD+94, HRJ+06, LPP+05, LFF+18b, LGF+19, MCJ19, MT17, MWC+03, PYM18, PA01b, RLI+17, RWQ+19, SP18a, SCZ+19, SL19, TGM+19a, TBIL16, VBP03, WWVJ17, WGX+19, ZBCT17, ZWJ19b, dLRW03, ADMM19].

**Networks** [SYJ+19b, AZO+19, EGVT18, FPPD14, HGM15, KIAD17, LY19, MWQ+19, PLLP19, RQN+19, RCW+19, SVK19, SRP19, SMS16, TKA18b, WZW18, AsRA+19, AJ19, AQRH+18, ARSM19, AO14, APK+18, ADKS06, ACM+18, AMPS19, AMP19, ASYF18, AIB+18, Amu90, Abdl05, Ab03, AAS+19, AC18, ASA19, BDP11a, BLAN+16, BS09, BKM+14b, BCR+12, BCM07, CEP19, CZY+18, ÇO13, CJ14, CWJ16, CJG+18, CZE+18, Cew18, CZZ+18, CWB3b, CSH18, Co090, CBD+05, CdrRdCB19, CGJ+10, CS97, CHY+18, DZ98, DBP19, DvdHL06, DvdHgDl09, Dör05, DkJ19, DYC+18, ESP17, EYY19, EAJ13, FG18, FJJ+18, FZHH14, FW19, FAL+19, Sou91, FM08, FR08, FP14, FSM88, FLN+18, Fu191, Gkiz05, GRTV10, GLA88, GS13, GJY18, GSP+17, GR07, GGH+06, GGSZ09, GHO+11, GBKJ18, GWC+16, GLXF17, GXL+18, GZL+18, GSN+18, GMMS18, GNVST14, HKA+18, HAAWH+18, HA19, HCC+14]. **networks** [HAE+03, HAM18, HYG+19, HDD18, HYF18, HAB+06, IASK14, IEG04, JAA07, JLD+17, JXC+19, JL98, JWW14, KWK+18, KY85, KRZ12, KKK07, KPM+18, KC19b, KCV11, KV12, KKL06, KD00, KES17, KL+16, LZY+19a, LLYW19, LC17, LKG07, LBD+19, LBYL08, LWD+14, LQS14, Li15, LFL+17, LWC+18, LZL18a, LZP+18, LW18a, LL18, LM07, LLW+19b, LAO+19, LCO+19, LW18b, LW+18, LM07, LQXL10, LJJ+11, LZXG12, LWX13, Lw14, LW+18, LYW+18, LGZY18, LWXY19, LS01, LBHC16, LLLU+18, LLY+19, LZY+16, LLAW17, LW+19b, LJW+19b, MML+18, MG19, MRC+18, MF05, MDB+18a, MDB+18b, MF18, MSS+16, MLW+18b, MS018, MYK16, MSM+18b, NBB18, NS10, NK05, NH+18, NSS+14, NJKH13, NSI02, Ose07, ODC19, Pan95b, PSL+04, PSJ+12, PRS+13, PC17, PDH18, PMMAM13, PPS18, PBC+01, PWDF18, PF17, Pud01, RWHY+18, RHHMC14, RM97, SJ14, SPT+18, SGCC+16, SISG18, SOD18]. **networks** [SM01a, Sap88, SUCV+07, SNW01, SC+18, SC04, SC5+18, SLS10, SC15, SGBK19, SPEW09, SDD+09, SRC+03, SJT07, SCEE18, SK05, SJL+18, SLZ+18, SLY+19, TSD18, TY11, TL19, VSBN19, VCD+18, VBSL09, WSQ+18, WC01, WSHZ18, WLP10, WN10, WWD+14, WJL18, WDD18, WDJC18, WCM+19, WDL16, WLQ10, WLS+18, WZL+19, WSY+19, XCS+18, XL+14, XZ41b, XDH+17, XXX+19, YPLZ17, YHL+19, YC05, YL18, YLA18, YLH+19, ZF16, ZJS19, ZGL19, ZLD+13, ZLL17a, ZZSZ18, ZH+18, ZTKX19, ZWS+12, ZNC+18, ZBL+14, ZCL+19, ZZC14, ZZZL18, ZSS+18, vOHD+05, vdhDT+06, BMK+14a, IDKD19, LNK+18, WB00, ZHL+18].
LVH08, TJ18, Uch89]. **On-siteDriverID**
[SGGCR+16]. **One** [CCD+19, FLT+19, KI89, EFD00, MZP+19, SYCH18].
**one-dimensional** [EFD00]. **One-pass** [CCD+19]. **Online** [AMP+19, HHW11, KOP+17, MG18, RGGH18, SRP19, VVB13a, AMQS+19, AQRH+18, AMKM18, ADB018, ABH18, BCMMI18, CYJ19, CYW+19, CSQ1L7, DHW+17, GWC+16, GCC18, GSN+18, HLT+18, HYF18, JWW14, Jun18, KAP19, KVe18, LRL+14, LPY+18, LBU+10, MML+18, MSM+18b, NZOCl+19, NJ17, PQB17, PNO9, SC16, SKS+18, SGBK19, SYW17, TL19, WXLY15, WHW16, WJLW18, WXZ+18b, XCS+18, XWL+15, XTZ+19, YLA18, ZLL+17a, ZW+19, ZXZL18, ZCL+18b, dSFD+19].
**online/offline** [XTZ+19]. **only** [DD86].
**onto** [AEFG+01, Van92]. **Ontological** [SC+14, OCW14]. **Ontologies** [CBS17, CGM+07, KGdL11, TDF07].
**Ontology** [BNJ16, GMP+16, SYT09, TOD17, TF17, AC16, Bae14, CXXX18, CFC+15, JC09, KSM+07a, KSM+07b, LKN+13, RGGGSSY14, SBLW14, SMZ+16, SSZ+17, TJWS10, TRL+18, TNY17, VPP+19, WMBV17]. **Ontology-based** [SYT09, TOD17, Bae14, JC09, SBLW14, TJWS10, TRL+18]. **ontology-centric** [LKN+13]. **Ontology-driven** [GMP+16, VPP+19]. **OntoZilla** [JC09].
**opcodes** [ZXM+19]. **Open** [BJWZ08, CAS+16, PVHTP19, QC18, AJZ+02, BFN18, CASW05, CCM+14, DPP03, HKP10, KSI1, KSI18b, KTTK17, MG11, MQN19, PWA+19, SJV+15, SWY+18, SGM11, SKo19, SP93, SYK+17, TSVGRRS19, TCB+17, YHA19, CWD+08, GM11, Ml11, MCF+11, SB11]. **OpenCL** [CJPC19]. **Opening** [HIC´AFM+06].
**OpenMOLE** [RLRC13]. **OpenMP** [NHT06]. **OpenNebula** [KMT14].
**OpenRTE** [CCD+14]. **Operating** [WCW19, ZYA+18, AHDJF97, BL98, BBI13, DDMPG17, Gos00, LSW+19, MGLV04, RG04, WB90, ZAI+18, Zin18, BG87]. **operation** [ALL+18, CYB90, MHA09, ONHT89, ODC19, Sun10, Tak89b, WC14, YWA+19, ZTC+19]. **operational** [CPB00, FCW01, HJP92, RB12].

**Operations**
[WMN+01, DL04, EG18, GDAS18, Kat04, Lau92, LY90b, LHCC18, MBB10, NSI02, TMDZ15, ZCC18, dLLA93, vWMBS14].
**operative** [Ano84i]. **operator** [Kos00, YDD+18]. **operators** [ECF17b, NHT06, TSO15].
**opinion** [ZNC+18]. **opinionated** [MZP+19].
**OPION** [Geo02]. **OPM** [FKOC11, LCF11]. **OPM-compliant** [LCF11]. **Opportunistic** [CFP+19].
**OMFZ18, ZHL+18, FFL+19, JXC+19, JCA+19, PJDO13, WSZC18, WZW18].
**Opportunities**
[AR17, Jun17, PYM18, AZH18, ALK15, CLCY18, CBBC17, CDFW18, GS16a, GRL11, GFD14, JC15, MWW+15, OFMZ18, QCD+16, RMC+18, WX+19]. **Opportunity** [BS91a, BS92]. **OPT** [FCW01, VAS95].

**Optical**
[DFS88, MSM+18a, WSTW87, Yat88, CASW05, CGJ+10, DvdHiL06, GHO+11, HRJ+06, KK10b, LKTC14, MWC+03, Mam09, Pal06, Pal09, RvdSB+03, SVC+07, YGYW16, dLRW03, vOH+05, vdB+0].

**Optimising**
[AB99]. **Optimisation** [AOI99]. **Optimised** [AKPN01, XRPT18, AL18, AR10, DHS99, HFL+19, PTD+18, SO98, TVB18, WHW17, VVB15].
**optimise** [RS98]. **optimised** [BBC+99]. **Optimising** [KACN16].
Optimistic
[LM12, Pon19, YCAS03, WWW+16].
Optimization
[BC03, LXJD18, SSG17, TA18, WPS+18, ZCS+16, ACM05,
ABRMES18, ANA16, AKP+18, AT18a, AC18, BRL19, BMRW01, BMU16, BBL+05,
CT19a, CPGB16, CZL+18a, CHC+17, DDD+19, ECA+18, FZT+18, FM01, GLSI12,
GHEB+18, GGA+17, GLJ19, GZZ+18, HPZL18, HAP15, HMF+19, HZP+14,
HZL18b, HLZ18, HCHH19, HKP10, ISS+15, KKS18b, Leo01, LLWW18, LKG08, LAH10,
LLW+12b, LJW+19b, MVRM08, MGMT18, MFSV19, PFRC16, PKC+05, QWCV19,
RD14, Sch03, SKJ01, SCY+18, SSJ19, SGN+17, SGB+18, SLS+19, SHL+19,
TSK03, TWZP18, TV16, VR12, VCC05, WWX+17, WCL+17b, WWQ+18, WZWC18,
WZ13, XHW19, XZG19, XDHL12, YDD+18, YKK13, ZRZL18, ZN12,
ZZJ17, ZWZ18, ZYW+18, ZWZ19, ZLG+14, ZLL+16, ZQB+18, ZSMS18, ZHHQ18,
ZXL14, dNE05, MWMA10, PW09, PT16].
optimization-based
[BRL19, HAP15].
optimizations
[CC00, DSS98, SBA+05].
optimize
[CdS015, HPGM18, WCC+09].
Optimized
[CAB+18, FDP17, GTMZ17, KR19, TKA18b, AKCY+17, AAD+13,
BFLL09, BKKM11, DR18, DKJ19, GS16b, GSY+19, JN10, LXL+17, LFL+18b,
LJY10, SA07, TF18, TMMV12, UMB19, VS90, VS19, dSBN18].
optimizer
[DHL18, FN00, LK08, SJ19].
Optimizing
[BCFS02, BKSS02, BB+12, dCCDFd015, HWZL08, MNY+19, MSS02, NF13, OF07,
OSC14, WYBS11, WLQ10, ZIn18, ZSBB19, vWMS14, FEPC18, GME10, HSC15,
MFL18, VSDD13, WBJ14, WLH+19, ZSMS18, v19].
optimum
[Dal06, IdAP19, AFPG91, AFP+92].
OPTIMUM-AIV
[AFPG91, AFP+92].
optimum-path
[IdAP19].
OptIPlanet
[SGP+09, SBdL09].
optIPortal
[DLR+09, DDS+09].
OptIPuter
[DLR+09, Mam09, SBdL09, SW06, TWC+06].
OpusJava
[Lau01].
OR-forest-based
[CY90].
OR-parallelism
[Zha93].
Oracle
[CW93].
oracles
[MMR02].
orbit
[LY18b].
orbitals
[REM04].
Orchestrating
[CKP+19].
Orchestration
[MT17, EKSD19, JTS13, SLL+18, SLY+19, VCE+19, WZL+19].
Orchestrator
[KKK+19].
Order
[Pan95a, AAC04, BFR05, BFC02, Bon95, Che14, Dal06, DJPM18,
JNR10, LW18b, TJ18].
ordered
[Bag11, GY90, Qu04, SAKO03].
Organizing
[HMM17, Bag19, BB13, Kos00, ZWJ04].
OREA
[TKA18b].
organisation
[EGAQ09, Gra92].
organisations
[SMF+19].
Organism
[ANA16, Low01].
organisms
[EA17].
Organization
[MG10, HG92, SYT09, ZHZ+18].
Organizational
[HKG+16, GTCLA+19,
KS19, KSM+07a, KSM+07b, RSV90].
Organizational-based
[HKG+16].
Organizations
[YAA+19, Li10, RJJH+09,
SCZ+19, SMSF18, SR19, WVD+08].
organized
[RP18].
organizing
[DD05, FS07, FSM88, MPR+16, dRRR+18, dRRdQGR+18,
SJJ+18, VRG16, XWL+15].
orientated
[ZDL+13].
Oriented
[BZS18, CHHW91, GLXF17, SCL18,
VDTK12, YAA+19, AMB18, AWN+13,
AB18b, AQB15, BvdV99, BudCYG05, BR18,
BGV97, BHH91, BHK90, CJPIC19,
CPDJ13, CCL+18, CGST09, DVD12, DM12,
DC00, EAED18, EG18, FJ16, FJ18,
FK14, GVURIVBV14, GA13, Gil85b,
HYX+19, HW04, Hua05, HLT+18, JBA94,
JG17, KST92, KKV11, LL03,
LvSW+04, LX13, LWZ18, MSLF16, MAH08,
MRS+18a, NK15, OPT09, ÖE13, PSLZ18,
PBA18, SBLW14, SSJ19, SLD+19, SLL+18,
SAC11, Tak05, TAKV12, TBK06, VSM02,
VDK12, WDJC18, WYN+90, WZW+18,
XLW+17, XDHL12, YNSM12, YZW14,
GME10, Sun10].
Origin
[LHB95].
Origin-based
[LHB95].
orthogonal
Orthonormal \[DV03\], OSCAR \[LSLS05\], oscillatory \[DR03\], OSG \[VHML10\], OSI \[Kob92\], OSINT \[QC18\], OSLN \[Sun10\], OSNs \[GSN18, TWG19\], OSPF \[WMA19\], Osseous \[DGA18\], osteochondral \[Bo19\], osteoporotic \[WWP19\], other \[HXA17, ZZC18\], out-of-order \[BFR05, BFC02\], outdoor \[MLGGB17\], outliers \[SAG19\], outpatients \[JYZ19\], Output \[JKLK17\], Outputs \[SK97, CCRL18\], outsource \[XTZ19\], Outsourced \[GZQ19, FS18, LYZC15, WWRS16, WCL19, ZSW19\], outsourcing \[BGRBA19, ED16, HCW18, JCL15, ZCL18, dACAM13\], Over-sampling \[MK19a\], over-the-air \[ZXW18\], overall \[WCC09\], overbooked \[LPBB18\], Overcoming \[KC98, USK16\], overcommitted \[CJHH13, ZHHC17\], overhead \[DT94, LHZY19, MTKS00, MVL18, RS17\], Overlap \[KKB19, LJJ18, BCFS02\], overlapped \[MTNMO8\], overlapping \[BR19, ID98, RZDM01, SJJ18, SAC11\], Overlay \[SCMS12, BTM06, CCL08, CW13, EA13, JCO8, MLBS11, Pip10, PTT12, Pip18a, RKSU08, TY11, YCX05\], overlays \[AN08\], Overlay \[CRN19, LYY18\], overloaded \[SPJ17\], oversubscription \[MCD16\], Overview \[BP94, ZG18, AT19, AT19, AB19, BCP18, DGST09, FBS18, KYS8, KE85, Lan00, Mizz89, vdR93b\], OVM \[BFC02\], own \[VPA18\], Owner \[HLH18, SBL18\], Ownership \[AMSPL19, KH18, LCL19, RACA18, SK18\].

P \[Ano86i, Ano87b, Ano87c, Ano87l, JLL17, vdR87e, FK11, KKS08, MHZK18, SdR99, SSLF10\], P-batch \[JLL17\], P-CAM \[SdR99\], P-found \[SSLF10\], P-GRACE \[FK11, KKS08\], P-Spec \[MHZK18\], P2P \[AR10, BCR12, CEP19, CsZW14, CW13b, DMZ09, FM08, FR08, GDJ13, GPK05, GNWT05, HCC14, HNK18, HDLW13, IT05, Kim07a, LS10, LJY12, LLZ07, LQLX10, MM08, OPO13, OCKK14, PRS13, RL12, RHMC14, SA07, SAGL10, SYL18, WN10, WW13, WM07, YCX05, YMD13, ZLZ10\], P2P-assisted \[HDLV13\], P2P-based \[GDJ13, SAGL10\], P2P-content \[BCR12\], P2P/Grid \[YCX05\], P2P/Grid-based \[YCX05\], PaaS \[KKKM18, KKKM17\], Pachycondyla \[MVS00\], package \[BKLO1, De98, SLZ95, YA07\], packet \[KDHP16, MSM18\], packets \[HCL17\], Packing \[BB17, LLZ19, LZX19, LGMV02, MAA19, SK12\], PaCMAn \[ESP01\], PadicoTM \[DPP03\], Page \[LLZ19, vdR87b, BRXds11, LXL17\], Page-sharing-based \[LLZ19\], PageRank \[MK19a, RCM17\], Pages \[Ano19m, Ano19l, Ano19k, Ano19n, Ano86i, JDW14, Teb86, vdR86\], paging \[BK06\], Pairing \[MLC18a, LL16\], pairing-free \[LL16\], Pairwise \[CRWZ19, Tis07, XZ14b, YWJ18\], Palmprint \[BG12, CPW19\], panchromatic \[GHEB18, Ima19\], pansharpening \[YJY18\], paper \[ECPF17a\], Papers \[TCG14, BGL08, CC11, CCRL18, Igl07, KZ17, LBR02, RW13\], para \[LC13\], para-virtualized \[LC13\], paradigm \[AHS18, AHP18, BLMU19, BDP11b, BHH18, GBY16, HHSW92, HCL07, KB09a, LC14, Mdv01, PA01a, Pri95, STTK03, VR00, XLW17, ZAA14\], Paradigms \[AR07, Gol00, GSN18, JK92, OB17, RR18, SISGS18\], Paragon \[ABK94\], Parallel \[AvLR92, Aba06b, AJY15a, ABF03, AJZ02, AMB92, Ama88, Ama89, AKW90a, Ano90g, AR98, BCL88, BMP01, BVP87, BJNH05, BHH93, BHK90, BLB03, BTM10, CDG14, CLZ18, CN92, CHHW91, CSP98, ...]
parallel [CZY+18, CZL+18a, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CG02, CKFJ06, CEGL01, CGL08, CCL11, CXL+17, CY90, CC98, CS96, CTMO06, CCHW03, dCCDFdO15, CFG93, CSP13, DST14, DDRR96, DZJ+00, DRS+97, DLW86, DOV01, Dup90, EGCCy+06, EL98, ESP01, FSP02, FM010b, GVDT16, GNOY01, GCCc+07, GBS10, GJS+94, Ger02, GGLD10, GHWZ94, GODM98, Gil94, GZQW13, GC94, HH98, HHSW92, HHS98, HRSW99, HAC92, HHG05, Her91, HKT94, HLS006, H6303, HXL90, HSS00, HHZ16, Hum92, HLZ18, HMC06, ID98, ISS+15, JP17, JL95, Jsk+06, JBA94, JL03, JLY+18, JM01, JEB18, JLMR00, KDFL99, KK00, KP00, Kac00, KA09, KZKL06, KSY92, KM09, Kos00, Kost95, KM01, KTV92, KB92, KL02, LC04, LP01, LR01, LYW+18a, Li18, LJ19b, LLRS94, LSD1]. parallel [LN94, LRMdC94, LSS94, MD92a, Mdv01, MP02, MRV92, Mc96, MFL18, MLZ+00, MK95, NK10, NQQL13, NOF18, OdOd+13, OVDV98, Oku92, OK02, Omo91, OP95, OP97, Pad92, Par06, PCG+06, PF01, PBHK01, Pr95, PRN14, QPTGG+12, RBS93, RBC+88, RN01, dRRRR+18, RICW00, RS98, RCD03, SKT+08, SPK+07, Sap88, SSKF95, STP+05, SGFS01, Sch03, SHN10, SBHD08, SMI01, Ser98, SD02, Shi92, SLC+17, Sin92, SSC04, ST98, ST99, SLJ+18, SVN10b, THKG98, Tan02b, TTC+14, TF18, TMT+07, Ti93, TV08, Tis07, TSZP99, UM02, VAS95, VP94, Vre89, VF01, VFS01, VSF95, WKZ+03, WKC+13, WHW16, WJZ+17, WWZC19, WYP19, WAE06, WHYZ17, XHY+90, YSC+19, YCAS03, YdOLS+05, ZT90, ZT91, ZGCM00, ZEO98, ZXL14, dKdOdS03, dLB10, doO0+13, dITK92, mj95, vKvWD+13, vdV99a, vdV99b, BG01, Her87]. Parallel [NCCS99, NS17b, TRFR01, VD16, WTG+19, vdR86b]. Parallel-Operating [BG87]. parallel/distributed [CBK+01]. parallelisation [IJLC03]. parallelise [IJLC03, SLZ95]. Parallelising [Kea93]. Parallelism [Par90, Bal91a, CDG+14, Gos90, HPGMM18, Hey90, Joh89, Kost95, MBFC99, WSC+19, WC14, WRBC94, XFJ+19, Zha93, ZS90]. parallelizable [Tor13]. Parallelization [BG87]. parameter [CQW+19, NHG02, NHG03, SNC18, SIL+13, SBA+05, SVN10b]. parameters [HLZ18, NBB18, PBT02, SWW+13]. parametric [NGB18]. PARDIS [Kea99]. PARDISO [SGS01, SG04]. Pareto [PS19, TZST14, WWX+17]. Pareto-based [PS19]. Paris [Ano84k]. Parkinson [AAN+18, ARP+19, AAS17]. PARLIB [CGZS95]. PARLOG [Bal91a, DT93]. Parsa [ZSX+15]. parsing [BM00]. Parsytec [Cro95, vOB95]. part [PH94, MK16b, PZY16, PZY17, RVC16a]. Partial [WWT+16, PBC+16, PBC+17, TBD+02, Xia06, YCX18]. partial-load [PBC+16, PBC+17]. Partially [XZP+19, HKS18, Ven08]. partially-observable [Ven08]. participant
perception
[GGH+19, LWH+18, ZYW+18, vVDBB98].
percolation
[BMPS01, Pal13].
percolation-driven
[WWP19]. Performance [AFSH+18,
AHL11, APS+19, AAS+19, BMRW01,
BGH14, Ben99, BDZ13, BM92, BP94, BK06,
CMT01, CHC+17, CMZ95, Cho04,
CCKW88, DQC+19, DZ04, Din99, EPB18,
ETR+13, FM01, FBS18, Gen95, GBT87,
HB98, HCL07, HMW14, HJCD05, HKJ+04,
JJS+06, JS13, KZC04, KI19, KJFS12,
KSW+13, Kun94, LPS19, LRC+18, LPD+13,
LOK09, LZHY19, MLC+11, MYBMM18,
MM03, MLZ+00, Par04, PIP18b, RKSU08,
RPMG10, SI18, Shi04, SD03, SG14, SbA01,
SK06, TDF07, VRS+19, VSV95, WDJC18,
Wil00, Wri19, WXGM18, Yam92, dOOO+13,
DSL98, Aba09, AB01, AFF07, ADKS06,
ACU95, AMW99, AB95, AKB18b, ASB18,
AEEM+18, BL98, BARMB14, BFS+17a,
BFS+17b, BBC+99, BC17, Ber96, BCS99,
Bhu95, Bis94, BS09, BG+13, BMGLS17,
BRHH18, CRE01, CN17, CSW06, CCRV13,
CWD+08, CKFJ06, CSG+18, CW13a].
performances
[CGIP14, GIM16, SAH19, UNM+16].
performing [CEJK94, SOD18]. perimeter
[RR18]. perimeters [DDR+07]. pericircular
[TAI91]. period [DOV01]. periodic
[IAH18, KY04, SHP+16, SMS14b, TKT+08].
periodic-frequent [IAH18]. PERMIS
[CO03]. permission [LXZ+18, MRL14]. permissions
[KA18]. permutation
[ABMES18]. perpetual [RA12].
persistance [MEW+19]. Persistent
[CSYY18, AL+18, GHP+18, ZSP17].
Personal
[EHMS00, GTCZG+18, Rao17, WLP18,
AL+18, HCC+14, JLU03, KZA11, LW+17,
Wla94, XCZ+19, BSRR18, LHL15, PSG+06].
personalisation [SCN+14]. personalitie
[PNH99]. personalization
[APR+19, FYHY15, MVG18]. Personalized
[CT19c, NWD+18, ZCH+17, BJ12, GJ18,
LG08, PARMF14, WMA18, WLS+18,
ZZJY16, ZSGJ19]. perspective
[Aig86, BDH14, GVBG17, HCC+94, HPS97,

Phase


Photophysical [CFH+19, GMM18, HLV+16, LWW+16, SWS+19, ABD+19, ABF+15a, AAM+16, BDE17, BK16, CM17, DWJM18, EAED18, EG18, GYGB17, GAW+18, GHD19, GNP+17, JHC10, KB16, LLS+14, SLS+15, LZY+16, MMPF19, NLM+16, OFD17, OA17, PKF14, PTB+18, RVC16b, RVC16a, SMS14a, SZK16, Sko19, SZD+17, SM18, SSC04, VL19, WLZ+16, XLZ18, YS16, APRC16, Zhu14]. physically [SGL99, VLO03].


plane [CBBdL16, GZLZ16, HYG+19, LLW+19]. planes [MAM09]. planned [KY85]. Planning [WM+17, AMD08, AFPG91, AFP+92, BA17, CMB17, CYJ19, DCC+14, KDE04, Mar02, OS92, RN04, SA14, XZC+19, ZWMC19]. plant [Hir89, Mac99, PAC+17, SU89]. plants [Han89]. plasma [BVDF00]. plasmas [PH+94]. plastic [Ned06]. Platform [GC00, GPS+17, PECA19, SV16, AMQ+19, ABB+19a, AAA+19, AAA+19, CW+19, CVKB12, CGSV17, CW93, CSQ17, DDV92, DVPD02, DABA98, Fau05, FPP+18, FCD+14, FSP+18, GTMZ17, JNS+19, JCA+19, KKS+18a, KKKM17, KKKM18, LYJ10, LC14, LSH+11, LWHS07, LLW+18b, MAD+16, NV19, NKB19, NDZ+18a, 09, ABB+03, MDD89, Par06].
NDZ+18b, NDZ+19, PWB+13, PPLL17, QZD+18, SAGGB17, SBHD08, SA19, SBD+18, TKA+18a, TSGVRGS19, TCN+14, TCB+17, VF18, WTK07, WQG15, WCC+16, WZW19b, XFL16, YWL+17, ZJWZ04, dSK+19, CLM+16, Platform-as-a-Service [CLM+16].

platforms [AUSA19, BVY+09, dCKPM19, CCT13, CA15b, DXYL+18, HAE16, HAI18, MKM+14, LCH+11, LOR+18, LLW+18a, LRR+18, LZW6, MIO10, MCDA16, NCC+19, POPS18, PPA18, RML+19, RB18, SB16, SBP+17, SG15, ZCL+14, ZZQ+13, dSNB19].

play [dRRR+18, WXYL15]. playground
[GGW+09]. Playing [Mér17]. PLC
[XKJ+18]. PLFG [Tan02b]. plot [ARP+19]. plot-based [ARP+19]. Plug
[MS01, CCD80s, dRRR+18]. plug-and-play [dRRR+18]. plug-in
[CCD80s]. Plug-ins [MS01]. plumes
[Sha16]. plus [BS96, CYB90]. PM
[WBF08, XTL+19]. PMC
[BBC+12].

PMC-based
[BBC+12]. PMCommunication
[STH+98]. PMI
[TLC+15]. PMSM
[VSM02]. Point
[KPG19, WAE06, CFVP03, CWL+19, FGG03, Fio06, LWS18, LW18b, Ram95, SLD+11, XW8+18, WTC+02].

point-of-interest
[LWS18, LW18b]. pointer
[KP12, KPG19]. pointing
[MK82]. Points
[YYZC19, DNJG17, LZZL9b]. Poisonedwater
[WN10]. Poisson
[LZZL18a]. PoKeMon
[FZW+18]. polarizabilities
[Tor04]. pole [Var03]. policies
[ADBO18, BFP18, CXX+18, DZ04, DT16, EPB18, Lea13, LHM14, LHC03, MG14, MVR+13, PZA18, SMS18]. Policy
[Baa87, NCS12, Rao17, SVK19, Abo09, AEP+18, BB13, DLH+17, FSI18, GCTLA+19, HY09, HZL18, Hua10, JFZL17, JSMS18, LL04c, LJY10, LDZW19, MHZK18, QRW+18, VVC+03, ZXP+19, XLL18b, YBOQ07, LAL+15, LHL15]. policy-based
[GCTLA+19, VVC+03].

policy-hidden
[XZP+19]. pollination
[GHEB+18]. polling
[AAC04, WWG19]. polyadic
[Bu18, GLC19]. polygons
[LD04]. polymer
[JLMR00]. polymorphic
[AMM16]. Polynomial
[CLS+19]. Polynomial-based
[CLS+19]. Polynomials
[TX14]. polyradicals
[She04]. polysomnographies
[KCH+13]. POMPC
[Por95]. pools
[HS19]. POOSS
[CHHW91]. POP
[NK07]. POP-C
[NK07]. POPE
[BG87]. Popularity
[WZML18, ZLL17a]. Popularity-based
[WZML18]. population
[Gue01, KX11]. pornographic
[LYXT14]. porosimetry
[HR+04]. porous
[RS99]. port
[CCH03, ESPN17]. portability
[CN92, HA18, MeC96, PSL19, Re03b]. portable
[BCM+95, GD93b, MMC+18, PMP13]. portal
[FFPS10, GL04a, KKS08, LW08, RMA+16, YLC+06, BAD+05, FK11, FNA12]. portal-based
[LW08]. portals
[BCMA07]. portfolio
[BHRT98, HKP10]. Porting
[FHG95b, CR92, GJS+94]. ports
[CSL18]. Position
[FZW+18, YXA+18, BSE+13, ZF16]. position-based
[ZF16]. positioning
[CCC9, HDH+18, LWV+16, OMD+18]. positive
[Amo06, WJL18]. positives
[LY17]. possession
[Che13b, GZQ+19, SYY+17, YN+15]. post
[BDM01]. post-production
[BDM01].

posts
[HO17, NO19]. posture
[KL05, TMB+19]. Potential
[WZH+19, ABD+19, KPS18, LZZ+18, MKS18, WLY11]. potentials
[DMMP98]. £10.95 [vdR87]. £14.95 [vdR87]. £19.95
[Ano87]. £22.50 [vdR87]. £25. [vdR87]. £25.00 [Ano87]. £29.95 [Ano87]. £40
[vdR87]. £7.90 [Ano86]. Power
[ADA12, AAM+16, AEME+18, CL+18a, JLC12, KESL17, KAE+18, LCC14a, MP17, PZA18, Par90, SCEC18, TKA18b, XLL+19c, AAQ+19, BBC+12, CT19a,
Power-Aware
[TKA18b, ADAAD12, AEME+18, LCC14a, DDD18, JNR12, Qur19], power-awareness [GRTV10]. Power-efficient [AAM+16, JLC12]. Power-performance [KAEC+18], power/rate [KCM19].

Powerful [TAB+18, CFMC19, GDS18, GCZ+19, PSW+14, ZZB19]. Powerful [CCL08, ABM19, BSE+13, Pud87]. pp [Zem86, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j, WZML18, vdR87c, vdR87g, vdR87h]. pp. [vdR87e, vdR87k]. PPDP [ZZXL18]. PPFSACA [FTA+14]. PPG [RAA+19]. PQQ [MTD18]. ppXen [ASB18]. Practical [CO13, KGT15, SP86, WOPW13, vdV89b, ABdLL05, BvdBM+93, BORM07, BGS+19, BAC02, BLB03, Dim99, HCL+17, MDOO+17, MLZ+00, QMSG12, ZSW+18a]. Practice [CDFZ16, XDWL15, BGR+99, DSS97, Ger02, PMPC13, PT05, WGM15]. practices [BHD09, KS19, THT14]. PRAMS [HSS92].


Predatory [XRPT18]. predicate [FH13, HFT16, Qu04]. predicate-ordered [Qu04]. predication [RGM+19]. Predict [ZS10, AS19, ABG17, CLP+14, PPG09, ZLT10]. Predictability [Mid01, BVGW15, MC96]. predictable [LYQ06, MWPB12]. Predicting [CND+19, MAJD18, MDB+18a, SPSP17, DRC+19, WQG15, YW19]. Prediction [PN09, ACML05, AFSH+18, AQAR+18, ADA+19, AMK18, AK18a, BMR15, BZH19, BB10, BCG10, BRB19a, BK06, CHWW13, CGV10, CWS06, CSL17, CAL+18, CSL19, CGM+18, CRWZ19, DMZ12, DdM10, DLS+12, FE19, GAW+18, GSP+17, GP11, GA19, HPZL18, HUY+19, HSV+17, HS18, IKLL12, JSK+06, JHC18, JLY+18, Jun18, KXS+16, KLJS19, KLV+18, KS18c, Kyr19, IWS18, LJW+19b, MZH+17, MID16, MCT+15, MPF+16, MQL+19, NWD+18, PSI19, PENGJ13, PKC04, PTD+18, RGAT18, RRKA19, RL12, RCW+19, SMRM13, SL11, SRP19, TMT+07, TYYW18, VS04, VS15, WH17, WHY+17, WYL+18, XHL+19, YHL+19, YHH+19, ZZXL18, ZZBZ19, ZXL14, VV15, FGG13].

Prediction-based [PN09], predictions [CRTN17, ET08, NF13, ZS10]. Predictive [BMP+16, FHM+99, JY19, LBD18, ML19, NJH+18]. predictor [XJY+18]. preemptible [GdCP19]. preemptive [CLR18, XHY+90]. Preface [ARB12, Fis00, Her90, KJ12, LH13a, LSHW17, Miz89b, Par91, Rus90a, Sle14, Slo05a, XKC13].

[CGM+07, MCSA18, RHKC15].
Preprocessor [VOV17]. prescribed
[CD03]. prescription [HIA+18b].
prescription [KDHP16, MFT+17, RBLvM14].
Present [Abe02, AGMT17, Fer84, Bis94].
presentation [Zna94]. preservation
[BKM03, HRC19, HBB09, PLW+19,
SYJA19, XXQ+19]. preserved
[CRYG18, ZCL+19]. Preserving
[TSOB15, YDNV16, ALL+18, CZ12,
DHW+17, EL03, FTA+14, FH13, FXG+19,
FRZ19, GQXL18, GAI+18, GSR+19,
IOV+18, JCMPPC+18, JYY+17, JLC18,
JLX+19, KKB18, KC19a, KLMB19, KH18b,
LLC+14b, LCL+16, LLH+17, LYY+18,
LLY+18, LXMW15, LLM+16, LDY+18,
LNY+18, LLAW17, MML+18, MQL+19,
NK17, NLS19, PSY+19, QZD+18, QGX18,
RBA17, SYH+17, SLW11, SL+17, TAS+18,
UM02, VCD+18, Wan18b, XCS+18, YLN15,
YZG+18, YZL+19, YXW18, YHI+19,
ZYG17, ZZXL18, ZZ+19, ZRG+14]. Press
[Teb86, Zad87, vdR87i, vdR87j]. pressure
[DMN+05, RAA+19]. pretense [NNC+19].
preterm [PSI19]. prevalence [RAKJ18].
prevent [LTM10]. Preventing
[WTTH19, SM18, TWG+19]. prevention
[HA19, KIAD17, SMF+19].
prevention-based [SMF+19]. preventive
[PPMM+18]. PREVISE [dLLA93]. Price
[An086i, An087b, An087c, An087l, CLRL18,
FE19, GGLW18, JTB13, JHC18, vdR87b,
vdR87a, vdR87d, vdR87f, vdR87i, vdR87j].
pricing [ADA+19, DVB14, DEG+17,
JBR+16, RA12, SVB07, Ven08, YLJL18,
YVCC10, ZZXL18, GVA+16]. primitives
[BHI3, BDFP05]. principal [MZYA19].
Principles [DHS00a, VRGR16, DK00,
GIl94, GS15, P000, P005, WRBG94]. print
[KLH+04]. printed [YCZ18]. priority
[GL04a]. priorities [GS13]. prioritization
[FD95, SRN+18]. Prioritized [WBT+08].
priority
[AS18a, ÇBCA15, DSCJ18, VAdIP12].
Privacy [AWYJ16, ACC+19a, ABB+19a,
ALL+18, CRYG18, FTA+14, FRZ19,
GQXL18, HRC19, JYY+17, JLX+19, KH18b,
LLC+14b, LYY+18, LLY+18, LLGY18,
LLAW17, MHZK18, MQL+19, 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, DA18,
DGY+18, FH13, FXG+19, GAI+18,
GBKJ18, GLD+19b, GS+18, HAJ+19,
HHW+19, HHK+16, HPL+19, IOV+18,
JCMPPC+18, JLC18, KKB18, KYB+19,
KCI9a, KLMB19, LCL+16, LLH+17, LYY+18,
LWX15, LLM+16, LSHW17, LDY+18,
LNY+18, LRBW17, MML+18, NWMG17,
NLS19, PARFM14, PLW+19, QZD+18,
RHH+16, RBA17, SYJA19, SYH+17, SLC14,
SCZ+14, SLW11, SCH+17, SSL+17,
TBR+19, VCD+18, Wan18b, WZE19,
XCS+18, XXQ+19, YLN15, YZW+18,
YXA+18, YZL+19, YXW18, YKO17,
ZCLW18, ZZXL18, ZCYZ18, ZLT+19,
ZZX+19, ZRG+14, FW19]. Privacy-aware
[MHZK18, DA18, SCH+17]. Privacy-based
[LLGY18]. Privacy-friendly [ABB+19a].
Privacy-preserved [CRYG18, ZCL+19].
Privacy-Preserving [YDNV16, ALL+18,
FRZ19, GQXL18, JLX+19, KH18b,
LLC+14b, LLY+18, LLAW17, MQL+19,
PSY+19, QGX18, TAS+18, YZG+18,
ZYK17, GAI+18, JLC18, KC19a, KLMB19,
LCL+16, LLH+17, LXMW15, LLM+16,
LDY+18, LNY+18, MML+18, QZD+18,
SYH+17, Wan18b, XCS+18, YZL+19,
YXW18, ZZXL18, ZZX+19].
Privacy-protected [WSN18].
priority-protecting [CD16].
Privacy/performance [PMBS14]. Private
[RBLvM14, BDC19, CLL+14, FDP17,
GSL12, HYF18, KTY03, KKL11, Nag86a,
PMBS14, SGKC10, WLL+19a, ZLXZ18].
privatized [SB17b]. PrivBox [ABH18].
privilege [CO03, QRW+18, XWRZ19].
PRNU [VOCHC17]. PRNU-based [VOCHC17]. Proactive [GHYK18, LW18, ABBH19, CARRD18, KAW12, LMA19, NHH18, SC19]. Probabilistic [AB19c, MK95, RT16, SGBK19, AC92, Bag16, Bag19, Ban05, EMM12, LZZ19, SB18, WPY19]. Probabilities [DK14]. Probability [HLC16, LYYY18]. Probability-based [HLC16]. Problem [Jon00, Pad92, YPF05, ABMESM18, AK18, BZMY10, BJA19, BP13, BHRT98, CSC18, CGH04, CD99, CRM05, Del06, DV13, DC19, DOV01, DSCJ18, EPJ18, GMM18, HXWW18, KKS08, KPS18, Kos00, MC00, NC05, OVDV98, OB19, Prz03, SJR13, SM05, SK18, SV15, TRFR01, TV16, Tre03, VDPHS09, WH05, WLH16, WA06, ZS05b, ZAP05, tTvH96, vdV89a, SMI01, VAS95]. Problem-Solving [YPF05, Pad92, CRM05, WH05]. Problems [Nit86, SSG17, Van87, BCMR01, BS04, BV04, CMT16, CTMO06, Dat03, DHD89, DR03, ED04, FFPS10, Hu89, JNR01, LPS19, MGMT18, MR04a, MKK03, NB04, Ned06, PKC18, RG18, Sch03, SJV12, Tab06, THKG98, VF10, WWX17, XAI0, XRPT18, YDD18, ZRZL18, ZTKF17, ZEO98, ZEO01]. procedural [CLNR18, FMD99, HCB16, LJ17, MLBS11, WXGM18, YZI18, ATH19, ANo86j, ADLM18, dRADFG18, BKB11, CQW19, CMX16, CLZ18, CN92, Ch87, CEJK94, CDM18, CBBD16, DM09, EF00, EMHE18, FPR18, GWW19, GP09, HB19, Her87, HRWV18, Hsu14, JSZ19, KKF14, Kim18, Kob92, KVHT10, KE85, LZY19a, LGH97, LKM14, LGW17, LH07, LK08, LHW18, LRC18, LJW19a, LM0a, LWR19, MLC18b, MT18, MAPA19, MDM19, NMZC06, ONHT89, OMKM19, PK99, PKY17, PPS18, PPS18, QNM19, Ref87, Sap88, SL87, STC15, Sl14, SSL13, SDR18, TWZ18, Tio93, TDBR18, VEET18, WP18, WZW19a, WWCN13, WMY18, WZY19, WdL16, XB14, XTF19, YFY13, ZYB18, ZFS18, ZQB18, ZEO98, ZSBB19, vdR86b, ZSP17]. Processing-as-a-Service [HB19]. Processor [VV92, XHY19, AG92, Dui89, GS15, Goo01, Goo02, JCSS01, LC03, LMH09, MRN19, MW12, Ser98, WWZC19, DFS88, Geo02]. processors [ASW11, ADH16, BVFGWA15, BFR05, DF05, GVA16, KR14, LS16, LK08, LHW18, LR18, MLC18b, MT18, MAPA19, MDM19, NMZC06, ONHT89, OMKM19, PK99, PKY17, PPS18, PPS18, QNM19, Ref87, Sap88, SL87, STC15, Sl14, SSL13, SDR18, TWZ18, Tio93, TDBR18, VEET18, WP18, WZW19a, WWCN13, WMY18, WZY19, WdL16, XB14, XTF19, YFY13, ZYB18, ZFS18, ZQB18, ZEO98, ZSBB19, vdR86b, ZSP17]. Production [VV92, XHY19, AG92, Dui89, GS15, Goo01, Goo02, JS18, LS16, LC03, LMH09, MRN19, MW12, Ser98, WWZC19, DFS88, Geo02]. products [ASW11, ADH16, BVFGWA15, BFR05, DF05, GVA16, KR14, LS16, LK08, LHW18, LR18, MLC18b, MT18, MAPA19, MDM19, NMZC06, ONHT89, OMKM19, PK99, PKY17, PPS18, PPS18, QNM19, Ref87, Sap88, SL87, STC15, Sl14, SSL13, SDR18, TWZ18, Tio93, TDBR18, VEET18, WP18, WZW19a, WWCN13, WMY18, WZY19, WdL16, XB14, XTF19, YFY13, ZYB18, ZFS18, ZQB18, ZEO98, ZSBB19, vdR86b, ZSP17]. professionalized [MMA18, MAPA19, MDM19, NMZC06, ONHT89, OMKM19, PK99, PKY17, PPS18, PPS18, QNM19, Ref87, Sap88, SL87, STC15, Sl14, SSL13, SDR18, TWZ18, Tio93, TDBR18, VEET18, WP18, WZW19a, WWCN13, WMY18, WZY19, WdL16, XB14, XTF19, YFY13, ZYB18, ZFS18, ZQB18, ZEO98, ZSBB19, vdR86b, ZSP17].
Profile-based [Qur19, VTTK17, ZL04a].
Profile-driven [FC05].
Profile-matching [LLAW17].
Profiled [RAKJ18].
Profiles [PARMF14].
Profile-based [Qur19, VTTK17, ZL04a].
Profile-driven [FC05].
Profile-matching [LLAW17].
Profiled [RAKJ18].
Profiles [PARMF14].
Profit [AB17, AB18c, SSJ19, CBLS13, GBF+12].
Profit-aware [AB17, AB18c].
Profit-driven [GBF+12].
Prognostics [PLLP19].
Program [BS96, BP94, ASV+13, Ano86m, Baa87, Bun03, CC00, Fah98, FHG95b, Hof03, KDFL99, Kom89b, KV03, LCH+11, Lec98, Li90, LDSH95, MWYC12, MRV92, RS94, Ser98, SLO+05b, SBLT05, TBK+10, Yam92].
Programmable [BRH18, Tof99, 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, PBM95, ST99, AGdT02, ADAAD12, ADT03, Ano84k, Ano85g, Bal92, Bal16, BMFC07, BSG+05, BLB03, CLP95, CDF+05, CMS+18, CPK05, DDR96, DHS00b, DLW86, DSC18, GQLX18, GHW294, GdVC10, GGA+17, HLS006, IMSV90, JLQ18, JF05, Kom89b, LP01, Luk89, MD92a, McC96, MS01, MK95, NF13, OBK88, Oka92, SKF95, SFR15, SHJ06, WWC14, WM14, WDD00, WHY217, WB90, YLG+16, ZME+15, vdR87h, vdR87j].
Programs [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, CAB+18, De 88, FSP02, FJ00, JCSS01, Kac00, KTV03, LTOT07, LRM094, Mal94, Reu03b, RCD03, TDC+14, VP94, WWZC19, ZT90, ZT91, Zha93, ZS90].
Progress [HV84, WGX+19, Ano19i, Ano19j, DQ97, GK18, Hui89, MAÇ17].
Progressive [DRC+19].
Progressive [CCM98, CCL909, VS04].
ProHPC [BBD+99].
Project [Zin00, Ais88, ALFR16, Coo94, DSC18, FS93, FEB+19, FK99, Fur92, Jon00, Kas85, Lin84, NTTN86, VP03, vDR87e, vDR93b, BV+87, KBM+02, MFP05, Sti93].
Projection [BV04, BWG19, CGN18].
Projections [HK88, KZL06].
Projects [KS19, Mar86, NSF87].
Prolog [BG87, vdR87g, Dup90, AR98, CY88, CYB90, GC94, HS00, LY90a, LY90b, Lop93, The86, vdR87i, vdR87j].
Promise [TS99, FS97, Ful91].
Promises [FFC+18].
Promoting [FdSC07].
Promote [Mat18].
Prospect [CPE+17, Kaw92].
Prospects [CPE+17, Kaw92].
Protocol [GLXF17, AMH02, AMH04, AGR19, AQRH+18, AT19b, AS02, ACE02, AKB+18a, ASAA18, AH11, BP13, BDFP05, BRB19a, CHJS+10, FG18, GCK18, GL04b, GZL+18, HZW+18, IOV+18, JBM+18, KYB+19, KKL09b, KC91a, LCL+19, LSD11, LWW+16, LWL+18, LEW19, LM12,
[KY04]. *pyroclastic* [CDRS05]. *Python* [BCG05, HLS06]. *Pyxis* [vKvWD+13]. *Pyxis-DT* [vKvWD+13].

Q [K.BVH14, NUPA19]. *QaMeC* [WLH+19]. *QCG* [ACH+11]. *QCG-OMPI* [ACH+11].

*QFD* [ABMMIC18]. *QoS* [AB18c, BFS+17a, AJY12, AJY15b, ACCD17, AMT+12, AB17, BFS+17b, BCPS03, CVKB12, CCIP18, CM17, CAC+15, CSL17, CSL19, CCCC14, CRB+16, DMZ09, FG18, FD12, FMS08a, FA11b, GMMM18, GMX10, GJG19, GJF+12, GdLvOT03, HB1, HB00, HYX+19, HMW14, JS12, JGFB18, KC14, KARP14, LD17, LCL14, LW+12, LW+12b, LHPC+19, MCL+16, MZH+17, MCT+15, MKT09, MM08, Pa06, PJS+12, PNZ14, QCY+19, QCD16, SC16, SSSK13, SLS+19, SK19, VadlP12, VKS19, WLZ+16, WPS+19, WL05, WZ13, WYH+17, WYL+18, WLH+19, XTR18, ZFW14].

*QoS-aware* [KC14, ACCD17, AMT+12, CCCT14, FG18, GMMM18, GJGB19, JGFB18, MCL+16, SK19, WLZ+16, WPS+19, WZ13]. *QoS-based* [FMS08a, FA11b, SSSK13]. *QoS-driven* [BFS+17a, AJY12, BFS+17b, CVKB12, WLZ+19]. *QoS-enabled* [QCY+19].

*QoS-guaranteed* [XTT18]. *QoS-oriented* [HYX+19]. *QR* [SGS+18]. *QRD* [ZWWL13]. *QRD-based* [ZWL13]. *QRF* [WSZH18]. *QRFence* [SGS+18]. *QTI* [DWJM18].

*quadratic* [EL03, TRFR01]. *quadtree* [ZWL+16]. *Quake* [BSE+13].

*Quake-Catcher* [BSE+13]. *Quality* [AJY15b, HB19, HXL+18, JY15, MCR+16, Sta17b, VOS12, ZWJ+19a, ACSV18, CMG+19, Chel3a, DWJM18, GAFGOG12, GGA+17, HJCD05, KSW+13, LWS+12, NQ07, SMP12, SMC09, TSPZ09, WDL16, WPS+18, Zin18, KLM+03, KTM+08].

*Quanta* [HAE+03]. *Quantification* [LKCS18]. *Quantified* [LG16a].

*Quantifying* [CN17, ZTL+19, AB19a, ABGMC19].

*quantiles* [BDHK06]. *quantitative* [CRWZ19, LWW+18, XAW+10].

*quantization* [CCZ+19, LFVW05].

*Quantum* [Høf03, QCX18, LPB04, LCW+18, LDH195, LSV+18, SLBTL05].

*quantum-chemical* [SLBTL05].

*quantum-induced* [LSV+18].

*quantum-inspired* [LCW+18].

*QuarkNet* [BGJ+06]. *QuarkNet/Grid* [BGJ+06].

*quasi* [Szut09, BMZ01]. *Quasi-Newton* [BMZ01].

*quasi-random* [Szut09].

*QUATRAIN* [DMR03].

*queriable* [JTTN18].

*queries* [ATS14, ARP14, CLR16, JLD+19, KYB+19, LXZ+18, MLB+17, SLC+17, SHLB08, YAO14, ZWZ18, ZLXZ18].

*Query* [MVG18, SLZ+09, ZMP10, JLC18, LZY+19a, LXX+14, LRMS19, LK08, LMG+09, MCL+16, MT18, MW12, PdAF12, QNM+19, SD03, WZW+19a, YFY+13].

*Query-driven* [SLZ+09].

*Querying* [NS17a, ANf11, CGST09, LZL+16, LLCF11, SB17b, ZSZ14].

*questions* [WBMP99].

*queue* [AS18a, RS17a, Tho06, ZA14].

*queueing* [Lee04].

*queuing* [Pon19, YZ12].

*quick* [KGLY18, WSZH18].

*quick-response* [KGLY18].

*quicksort* [PHL98].

*quo* [Kaw92].

*R* [An86i, An87b, An87c, An87i, vdR86b, vdR87j, vdR87k, WSS+09].

*R&D* [An84i, Nag86a, Smi86].

*R-based* [WSS+09].

*race* [KKP00, PM00].

*rack* [LFP+17].

*radar* [KLS17a, LXT+19].

*radial* [N05].

*radiation* [GZZ+18].

*radicalisation* [LCGPC19].

*Radio* [TKA18b, ASA18, BMK+14b, CdRRdCB19, HJPS03, LBM18, SLJ+06].

*radiological* [BDNP92].

*radiology* [PK99].

*radiosity* [Sch98].

*RAID* [WZML18].

*rail* [LSZ+18].

*railway* [CLZ18, GCCL18].

*RAISE* [BHH91, BHH92].

*Random* [LZL+12, BYL+18, BTM06, CC98].
HHW'19, LXD17, LXM'18, MLW'18b, RNR18, Szu98, Tan02b, TSZP99.

randomized [PdASM18]. Range [STA17a, BS09, CLR16, CSL19, LWX13, OS06, PM14, SJTN18, SHLB08, WZW'19a].

Range- [STA17a]. range-based [LWX13]. range-queriable [SJT18]. Rangelands [TST16]. rank

[BTG19, HZC10, KRZ12, RS16, TM05].

ranked [LXK'14]. Ranking [YG18, DFG'19, DA16, GVB13, LWD'14, LYW'18a, MCT'15, SKS17, SRKS18, WN10, ZSJ19, ZSGJ19]. ransomware

[HDA'19, ZXM'19]. Rapid [AM19, GMD19, WWCN13, SB19b, XWW19].

RapIoT [GMD19]. RAR [HLL'11].

Rarefied [CH95]. rate

[AS02, HJA'19, HJPS03, HKJ10, KCM19, KMJ18, SPT'18, SCP09]. rather

[LSAM13]. rating [DV13, TQL'19].

rationale [dLRW03]. Raw

[SLC++17, DMPM98]. ray

[DRZ'19, NMZC06]. RBAC [LXZ'18].

RConf [PKI'18]. RCT [SHLB08]. rCUDA [IPG'18]. RDF

[DA16, Gra15, SY04, vdHDT'06]. RDMA

[ABF'15a, LB18, WHZ19]. RDMA-enabled [ABF'15a]. re

[BGP'17, CCG07, DEL19, HYF18, JCL'15, LYW'18b, LL16, PFRC16, WHZL10, Wan18a, ZDW'16, LAL'15].

re-decomposition [WHZL10].

re-encryption [BGP'17, HYF18, LL16, Wan18a, ZDW'16, LAL'15].

re-enrollment [DEL19]. re-fusion [LYW'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, VGBK19, XYZ05, AB19b, BRR'04, BMP'16, CPBC16, CCT13, CRRC18, CFF14, DT93, Dog09, FSP02, FAMA'17, GVURIVBV14, GKW'12, GRX19, HJA'19, HNCJ13, HMP04, JOPW14, KA09, LF01, LZW'19a, LJJ9b, LLWN04, LG16b, MPCA15, MGA'18, MOFGP18, MRN19, OPT'17, Pal09, PKF14, PTD'18, PWP'18, PGTC18, Pf699, PN09, SS04, SST'06, Sin92, SK12, SK19, Suz98, TSRG17, TCCW19, WQG15, WSH'16, WOPW13, Wu16, YAO14, YNSM12, YCL'19, ZM16, ZWJ'19a, ZCK'15, ZSP'17, Zin18, dIK92].

real-life [JOPW14, LWZ'19a]. Real-Time

[MG18, AKG'17, BKB11, CDH'19, DGD'16, EET18, HKU'11, HEES19, KLC05, Kim18, LRZ'18, MKT09, NJ17, OKF10, RPA'18, VGBK19, VS09, VB19, AB19b, BRR'04, BMP'16, CRRC18, DT93, Dog09, GVURIVBV14, GKW'12, GRX19, HNCJ13, HMP04, LF01, LG16b, MPCA15, MOFGP18, MRN19, OPT'17, Pal09, PKF14, PTD'18, PGTC18, Pf699, PN09, SS04, SST'06, Sin92, SK12, SK19, TSRG17, TCCW19, WQG15, WSH'16, Wui16, YNSM12, YCL'19, ZM16, ZWJ'19a, ZCK'15, ZSP'17, Zin18]. real-world

[FSP02], realisation [DG09], realistic [CPGBC16]. Reality [CHK98, Kaa99, Ami90, BLRS98, BYV'09, CCBR98, CN98, DDS'09, DBA98, GGH'19, KaA98, LLS'19, PWP'16, SUD'08, vVDBB98, RMSPP17].

realization [Kom89b, KM01]. realizations [DL03]. rear [PWP'18]. rear-end

[PWP'18]. Reasoning

[TVV13, ATT96, DFKF18, FB93, LLFC11, NS19, Ser95, SCN'14, VM09, ZGZ'10].

reassignment [LXZ'18, STM18]. recall

[HMMW19]. receive [Gor02]. received

[AKM18]. Receiver [WCWC19]. rechargeable [CZM'18, YHL'19].
Recognition
[GTFL+18, SLTK19, TCCW19, BG12, Bae14, CPP+18, CZ12, EU19, GPJA+14, HLZ+19, HUMA18, HLL12, HLT+18, HMMW19, JLPQZ18, KAP19, Kha12, KLH+04, KKP+05, KPG19, LLSL18, LZL19b, MPH00, MCRB19, OCW14, Pet95, PSS+18, RSY+18, SCZ+19, T18, UMHF19, YPCK12, YYZ18].

Recognizing [ZDL+19].

reconstruction [SHRE16].

reconsolidation [GVURIVB14, MNV12, MKT09, PA01a].

recurrences [Van92].

Recurrent [HDKC18, HUY+19, RCW+19, AAYL19].

recurring [ZWZ18].

recession [BBH18].

recursive [HML90, IST04, SSC04, VS90].

recursively [VS88, YYW+09].

Reversely-Adjusting [YYW+09].

redesign [WLB11].

reduce [BORM07, BEZW10, Gra15, LLZ+19, MLV18b, SCCS11, T1JZ+15].

reduced [BFL19, TM05].

reduces [PCB99].

Reduction [Ama88, Ama89, BVP+87, BHH+93, RSRV88, Vre88, BK97, BHK90, FdAGdAFV19, Fuku85, Höf03, KGW95, MZYA19, RSV90, SS03, VVC+12, VS04, Vre89].

redundancies [LYJ10].

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

redundancy-based [DZZ+15].

Redundant [drSS97, TBD+02].

reef [FEPC18].

Refactoring [KTB18].

Reference [CBS17, AKB+01, RCOP+11, SCA+19, WXW+17].

refined [Bag19, WFP19].

refinement [HV03].

refinements [CPB00].

Refinery [CSJ+17].

Reflection [Lop96, TA96, AP96, BS96, tTvH96].

reflective [EV96, Pit96, SGdMM96].

regarding [MLGB+17].

regeneration [ZYCZ19].

regime [FVFA98].

Region [ST11, LXRS19, LQZ+19, LZL+12, RV95, SMC99].

region-based [LQZ+19].

region-of-interest [SMC99].

register [GD05, MWYC12, MSS02].

registration [CEGL01, MLS001, XPL19].

Registries [SZK18].

registry [BGK+05].

Regression [CAPG18, FSM+18a, RRKA19, AQAR+18, ZZC18].

regular [Dör05, LSG18, LKTC14, NHT06, THA+17].

regular-topology [LKTC14].

regularization [CWJD19].

regulating [PYH17].

regulation [LTN10, MSS+16].

regulations [SDK19].

Reiblein [vdR87].

Reidel [vdR87k].

reinforcement [BW19, LYYW19, NLV+19, QCY+19, SHL+19, Ven08, Ven09, WXZL11].
YYW⁺, ZZ⁺. related [BSG⁺, EV⁺, FPR⁺, GAFOG⁺, HXA⁺, LKK⁺, PKA⁺, TBS⁺].

relaxation [LJ⁺].

relativistic [KJI⁺, KKHS⁻, LN⁻, MCL⁺].

relaxation [GVD⁺, LLCF⁺, Mur⁻, NSI⁺, ZY⁻].

relaxation [YF⁻, BFP⁺, FPL⁺, HCC⁺, WLF⁺, YZW⁺].

relationships [SM⁺, SC⁺, YY⁺].

relative [KCK⁺]. relativistic [BST⁺].

Relaxation [KJI⁺, KKHS⁻, LN⁻, MCL⁺].

Relaxed [GSD⁺].

relaxing [KJI⁻].

relaying [AS⁺, LJL⁻].

Reliability [KCK⁺, RL⁺, MEO⁺, AEM⁺, GH⁻, KH⁻, KHI⁻, LY⁻, LSO⁺, PRL⁺, VK⁺, WLB⁺, ZLX⁺].

Reliability-driven [KCK⁺].

Reliable [GV⁺, KM⁺, CB⁺, DΚ⁺, DKV⁺, GS⁺, JCL⁺, KB⁺, LZ⁺, LPK⁺, LKP⁺, LXM⁺, SL⁺, MRH⁻, MK⁺, RWO⁺, TAS⁺, Tor⁻, Var⁻, VSN⁺, WQG⁺, WH⁺, WLP⁺, YW⁺].

relieve [KPS⁺]. remaining [RCW⁺].

remapping [AS⁺, LJL⁻].

reduction [KAW⁺].

remnants [QC⁺].

Remote [HSH⁺, MWW⁺, MDA⁺, OPT⁺, SK⁺, SY⁻, WZX⁺, YNZ⁺, AAS⁻, AMW⁺, BCFS⁺, BDΖ⁺, CCD⁺, CHS⁺, DCC⁺, FCD⁺, GHEB⁺, GZW⁺, HKU⁺, HEN⁻, KPB⁺, LWK⁺, LHZ⁺, LHL⁻, OPO⁺, RvdSB⁺, SSK⁺, SWW⁺, VSO⁺, WWC⁺, WMV⁺, YMW⁺, ZMN⁺].

remote-sensing [AMW⁺]. remotely [XAW⁺]. removing [CLS⁺].

Renal [QXZ⁺].

rendering [BRR⁺, HO⁻, IGI⁺, KPB⁺, Pf⁻, XYZ⁻].

renewal [GDS⁺]. renewed [MDA⁺].

Renovating [MQN⁺]. reordering [WC⁺].

Reorganization [FMS⁺, SR⁺].

repackaging [GMCM⁺, GMCM⁻].

repair [GDR⁺].

repartitioning [KMB⁺].

RepCoN [PLA⁺]. replaceability [ZG⁺].

replacement [WG⁺].

replica [AWN⁺, CC⁺, KL⁻, MVS⁺, MVCC⁺, MRK⁺, SYL⁺].

Replicated [HHS⁺, SHJ⁺, Bal⁺, DAM⁺, HKS⁺, TV⁺]. Replicating [MB⁺].

replication [ASD⁺, AMT⁺, CRV⁺, CTR⁺, CCL⁺, CCG⁺, Do⁺, GIM⁺, HK⁺, KKD⁺, KKA⁺, LHP⁺, LV⁻, LJI⁺, LST⁺, MLG⁺, MPP⁺, MHA⁺, PSJ⁺, PGC⁺, PB⁺, SR⁺, ST⁺, TAZ⁺, TLTY⁺, TLY⁺, WYW⁺].

replicate [SRN⁺].

replicator [WK⁺]. report [CN⁺, DQ⁺, FK⁺, Van⁺, Vd⁺].

repositories [ARP⁺, EGA⁺, HES⁺, NAM⁺, SCBK⁺, SSL⁺, WKT⁺].

repository [BG⁺, FAJP⁺, GJ⁺, Ham⁺].

representation [AP⁺, BCF⁺, CPA⁺, sGbKS⁺, Ima⁺, LZ⁺, LSL⁺, ML⁺, PBL⁺, Qu⁺, SHS⁺, XLL⁺, XJY⁺, YXL⁺, ZJY⁺].

representations [LY⁺, NMC⁺].

Representing [GM⁺, AH⁺].

Reprint [AB⁺, GCM⁺, KKM⁺, LPK⁺, PBC⁺, ZFC⁺].

reproduce [HMM⁺].

Reproducibility [SP⁺, BCG⁺, CBB⁺].

Reproducible [GM⁺, QWC⁺].

Reputation [PS⁺, ABH⁺, FMR⁺, GAI⁺, GL⁺, LXM⁺, LHX⁺, LJI⁺, RW⁺, TY⁺, TMP⁺, WN⁺, WYBS⁺, ZZH⁺, ZC⁺].

Reputation-based [PS⁺]. request [LLY⁺, YZ⁺].

requests [HFM⁺, SYA⁺].

required [PCB⁺].

requirement [SMR⁺]. requirements [Ber⁺, DRR⁺, FC⁺, GDP⁺, HSS⁺, LL⁺, Mur⁺, PB⁺, QCD⁺, YHA⁺].
YS16]. requires [DHS99]. rerouting [RRU+18]. resampling [HLZ+19]. Rescheduling [LZ10, dRRdQGR+18].

Research
[ACC+19b, CCIP18, CXZC18, CZH+18, CDFZ16, CSC18, CMZ+18, DGSM09, DJJ+18, HGM15, Kaa99, LBJ+18, LGW+17, MYHZ18, PSP+09, Van87b, VCE+19, WWZZ18, WZ18, WWZ18, YKQ+17, AZH18, BOWD+19, BY93, BAD+05, BS84, CLM+16, CLCY18, CDB+19, CGL+10, CMD+14, FEB+19, Fur92, Gal87, GSGP+19, GML+13, GHJ+19, GSN+18, HRC19, HPP+18, KZ17, KCH+13, LPC+95, LGS+07, MLC+11, MED16, MFL18, MM18, MCWP16, NSF87, OFMZ18, SDWS13, Sch94, SVN+10a, Sj93, Tic93, VB18, WLHH18, YS16, wZcZN+19, ZL18, ZL04a, vdrR87l, Kaa98].

researchers [HSB+18, SDWS13].


resolution [ACSDR17, DCC+14]. GMM18, sGbKS19, HNQ+18, HJPS03, JRR+11, JP18, KPB+03, KLH+04, PDW+11, PCB99, RJH+09, RMA+16, SMC99, SLDK03, Wei11, YDK11, YTT19].

resolving [SK18]. Resonance [RDS18, HXZ+19]. resonators [CASW05].

Resource
[CKKG99, COC10, DPK+19, DXL+18, EGT+07, EW97, HQ70, KK11, LWD+14, PFJP18, PLL+15, PPA18, SMRM13, Slo96, SAK+10, TCBP16, TSB18, VDPH509, VPT+15, WCW18, WY17, Zhu04, ABG02, AJR+19, AFF+09, AGKZ18, AMHJ10, AC18, AEME+18, AS14, BS11, BBM+03, BCF+10, BAB12, BMK+14b, BCR+12, BR10, CVKB12, CVT19, CFM19, CCL08, CH10, CLC1, CLL18b, CCLS09, CXC+18, CT09, CS12, CC09, Ciu10b, CCD+10, DVD12, DS08, DSCJ18, ET08, EG18, Erd13, EMJ+13, EA17, FE1A9, Fer13, Fer96, FEPC18, FHM+99, FSM+18b, GEG14, GDJ+13, GAJP18, GPK05, GRM18, GBP+12, GJF+12, HZC+08, HB08, HY09, HAP15, HZZ+14, HCJ14, HB19, HB00, HDLW13, HPLL08, HML07, HML09, IMD+16, IDCJ11, IKL12, ISS+15, IAL10, JCC12, JMAV19, KS18a, KC14, KHZ+18, KA08, KMI11, KADJ+4, KACN16, KV12, KKK+14].

resource [KFC+07, KGD11, KK10b, KMK+14, Lea13, Lea15, LCB13, LTN10, LPK17, LPK18, LL04c, Li10, LYY+18, LLZ+18a, LLL+19, LZX19, LJY10, LC15, LLS+14, LSL+18, LWZ18, MT05, MBS13, MV09, NRR+15, NCS12, NK15, PFRC16, PdASM18, Pip10, PPSW+19, PGPW09, PPB16, PK+18, PN09, PRN14, QMSG12, QPTGG+12, RPH19, RGAT18, RC13, RML+19, RLP+12, RT05, RP18, dRRR+18, RG+10, RSJ+14, RM11, SHBP10, SP+19, SBAD+18, SIL+13, SCMS12, SMS14b, SCS11, TLC+15, TKR+15, TBB+13, TVB18, TSBB11, TTP+07, URKM19, VAD12, Vau93, VHL11, Ven09, VVB13b, WAB6, WCHL10, WCF+15, WLA18a, WSH99, WCC+09, XWZ+19, XTT18, YBQ07, YC13, YW12, YPFH14, YM+13, YMY17, ZCM19, ZAB15, ZL13, ZHZ+16, ZCS+16, ZGL+18, ZXZ18, ZZZ17, ZYXL05, ZB19, ZA14, dSFD+19, dACNC16].

Resource-aware [DPF+19, PPFPJ18, VPT+15, HY09, NK15, PPSW+19].

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, ABP16, ABN17, BJWZ08, BC15, BT07, BJN16, BBKM11, CMZ+12, CDM18, DFC+08, DVB14, EG18, EA13, GGM+09, HMH17, KHG13, KVR15, KRD+19, Kos95, KTTK17, Kyr19, LN13, MDA+19, MBMTJR18, MDD15, NZQ07, PSA+09, RMCD12, SGJ18, SSK13, SDF+19, SVB07, TCBC18, VCKB12, VPT+10, Wu16, ZCW11, dCTVC18].

respect [HW95, kHsZwJW18]. respondents [RCMT18]. Response [BCS99, CAB+18, GGD+18, GGH+19, KZA11, KGLY18, TDC+14, WCWC19, ZFC17, ZFC18].


restoration [XW+17]. restricted [YSZW18]. restrictions [LDJL19]. result [CB10, ZCW11]. Results [Ano87m, Ki89, Ano87j, FGH95a, GSR+19, LF95a, Man15, RHMG14, SZR18, TKTG19]. resuming [ALM+10]. retail [AB18b, GPA00].

Retargetable [DR05]. Retelab [CG+10]. Rethink [XJWW15]. retinal [JP18].

retrieval [AMBB18, AR15, ARP14, CC07, DQXW19, FLR+16, FC09, FMV14, GW+19, HZC10, JC08, KZCW13, KY04, MS03, OcdAM07, SYT09, SLZ+09, SBD+18, SNA29, SSZ+17, XAW+10, XXB19, YJS18, ZZZ18].

retrievals [MPP13]. retrieving [SZC05]. retry [CK00]. return [Kuo86, TCH19, YAA+19]. reusable [AEK+18, CN92, LTZ15, RS17b, SK18].

 reuse [CTR+17, TST1D6, TV08]. reuse-by-composition [TST1D6].

Revamp [TKA18b]. revenue [MG14]. reverse [FC05, HNP05, MLW+18b]. reverse-mode [FC05, HNP05]. reversible [HLC16, JL03]. Review [AZH18, KS18b, KT17, QKC19, AHD+19, EGVT18, Gra92, LN+19, MCWP16, PS19, SCAC+19, WZH+19, WLHH18, Zha93, Fuk85].

Reviewer [Ano86i, Ano87b, Ano87c, Ano87l].

Reviewers [Ano07, Ano08, Ano10, Ano11a, Ano12a].

revision [LCC19]. revisited [RNR18].

Revisiting [WZY+19, ZLL+17b]. revocable [LDZW19].

Reward [Sin84, Bur02]. Reward-based [CCL18, RYH+19, WHS+18].

Reward-based [CCL18, RYH+19]. rewrite [SJ19]. rewrite-based [SJ19].

rewriting [WX+17]. RF [DD05]. RFID [ABC+18, ABS+18, BGC19b, CWSW14, GAI+18, LCL+19, LEW19, RBA17, SLK17, SJL+17, YH18, YZW+18].


Ridge [CAP18]. SVN+10a]. riding [WS+10].

Riet [Ano86i, Ano87b, Ano87c, Ano87l]. right [RPH19, SDL+15]. right-sizing [SLD+15]. rights [MJGW18]. rightsizing [ECA+18].

rigid [WHW16].


Robert [Ano84k].

robotic [AJR+19, ADH+16].

robotics
Robustness

[WSZH18, HYG+19, SMS14b, SSW+19].

 Roberts

[CFC17, FGW+19, Poh87].

Robust

[PBC+16, PBC+17, PF17, AIA+18a, AIB+18, BRM04, CM17, CDS03, HZL18a, HUA18, IOV+18, LPK18, LNK+18, NWMG17, RS17b, Var03, WWW+16, WLS+16, HLV+16].

Rule-based

[BBH09, LJPS05, SCY+18, XYLZ18, CCIP18, KMI11, LLC+16, LHW+18, MRH17, PMK18, SCN+14, WQZ19, Yos89, ZCX+18, HCNT14].

Rule-driven

[FTP14, LB09, LJ17a, LJPS05, XYLZ18, CCIP18, KMI11, LLC+16, LHW+18, MRH17, PMK18, SCN+14, WQZ19, Yos89, ZCX+18, HCNT14].

Rule-driven [FTP14].

Rules

[AW97, DSCJ18, EBOY14, GHGP19, KA08, LGP+19, MCL+16, SA97, XL19, ZDW+18].

Run

[CWD+08, BC15, HIA+18c, TF17].

Run-Time

[CWD+08, HIA+18c, TF17].

Runge

[CP06].

Running

[CREE01, DH87, RM11, SHP+16, ZSI08].

Routine

[JOPW14, SL19, AFB+10, EP12, HÖ03, JPB17, Ykyr19, LMZ+14, LKJ17, MZC10, MSA19, PCF+17, SGL+19, TSK03, USK16, UdvdW+18, VR05, YAJG+15].

Routine-aware

[SGL+19].

Routine-interference

[HÖ03].

Routines

[DPP03, KV03].

S

[Anc87c, Tch86, vdR87e, vdR87i, vdR87j, Anc99, Che18, LJY04, PBA18, XLY+17, ZSL+19].

S-ABC

[XLY+17].

S-AntiTime

[PB18].

SA

[SAC18, SJ04].

SaaS

[CLAL19, CGL15, CPP16, FHYH15, RPP14, IS18, MBA19, VK17, ZHR19].

SaaS-based

[FHYH15].

Sabotage

[DSS07, Sar02].

Sabotage-tolerance

[DSS07, Sar02].

Safe

[OMKM+19].

Safety

[WDV+19, BMR15, CY12, HFC+94, RSRA18, SPR+10, SIC18, TF17].

Safety-critical

[BMR15].

Safety-focused

[CY12].

SAGE

[KID+16].

SAGE-based

[KID+16].

Salesman

[SMI01, VAS95, DC19].

Sampling

[MK19a, PLL17, KTK17, YKK13].

Sales

[DWF19].

SAR

[FCR+14].

Satellite

[B93, RKKR19, CFVP12].

Satellites

[TC92].

SATEXPERT

[CSC+92].

Satisfaction

[FHYHM19, HMA18b, MLSF16].

Saturation

[Lea15].

Saving

[CJ14, JLKL17, QCD16, TD016, ZZZ17].

Savings

[LN13].

SCADA
[FTA+14, ZSL+19b]. SCAI [HYC+18].
SCAL-SVSC [HYC+18]. Scalability
[ASV+13, BNZF08, LLRS94, McC96, MG18, LMB+18, MROD10, SMC99]. Scalable
[AMH02, AGA16, BKB18a, CMX+16, FS18, GZLZ16, GZQ13, JL08, LXLS09, LLIW+19b, MWQ+14, Pal13, PN13, SBG+09, THA+17, TJWS10, TSHG17, TDV+08, ZTKF17, AG92, ABG18, AB19b, AR07, ABF+10, BCC+17, BW95, CLL+14, DLR+09, DVVD02, FWB13a, FWB13b, GGN17, GS15, GW01, JSC+15, KMB16, KK16, KK97, LCBF13, LC05, LBYL08, LN18, LIH+19, MCT+09, ÖEE13, Pa106, PHL98, PMLVS+13, Pro07, RL98, RMA+16, SRZD15, SAGL10, SCK+00, SB17a, SLZ+09, SGS+16, SBL18, V888, WJZ+17, YARH18, ZAB15, ZLR+15, ZJZW04, dSK+19, FMD99, HMS15]. scalar
[SW99]. Scale [AKW90a, CHK98, EGV18, TRKA14, AB19c, BRL19, BBSV92, BAPS14, BB1+06, BDL06, BCG05, BCD+18, BCh+08, Ctz+15, CWL+18, Czy+18, CDF+05, CRVZ15, CA13, CA15b, CR92, CTT+08b, CZXL18, Ccz+19, CTM06, CGM+18, CGJ+10, CSP+13, Dat03, DEL19, DAM08, Din03, DC19, DKJ19, DPL14, FAJ99, FQBCF15, FRB+14, FDRP17, FPGK18, FWB13a, GLA88, GLNT13, GS+10, GPH+94, GLVC18, GDS18, GIM16, HB19, HST+18, HKM+06, HLC16, HZ10, Ima19, IJP+18, IS18, JHC10, JL03, JYZ+18, Joli02, JTB515, Kos95, KTV03, LKM14, LTN10, LSZ+16, LPM17, LZL18a, LSH+11, LPM94, LM12, MTVO5, MKH06, MR04a, MPR+16, MMVS19, MLW+18b, MKRD19, NSP07, NS10, PPZ12, PLA18, PB17, PGCC+10, PF17, PPLL17, RN04, RL98, RCW12, RMCD12, SJL+18, TDFZ18, TJWS10, TYY11, THT12, WVC05, WKZ+03, WLLF16]. scale
[WWH+17, WRCC17, WCH+18, WDD18, WCW18, WY19, WBJM14, WS10, XYLZ18, XWL+15, YHJC05, YCAS03, YCX05, YGYW16, ZG19, ZWW+13, ZW10, ZYT15, ZXL14, ZA14, dSFP+17, dSK+19].
scale-free [CWL+18, LZZL18a]. scale-out
[MKRD19, YGYW16]. Scaling
[Eng14, HSV+17, KZLK06, SEM11, Var00, AB16, CTVB12, CJIH13, DWS12, EMJ+13, EPB18, IPCA+16, KTTK17, KAEC+18, LMA+19, WPGN+18, WWZC19, dACNC16].
Scatter/Gather [FD12]. scattering [LPB04, LSG18]. scenario [CGCB12, HND06, HZLH19, KNI+18, SGRT19].
scenario-based [KNI+18]. Scenarios
[BNJ16, DFR14, FAMA+17, FPP+18, GMLGB+17, PZA18, RCMT18, WLB11, ZAA+14]. scene [ASY+18, SOR05].
schedule [SK12]. scheduler
[AJY15a, ASB18, BCB+07, CFG03, CTR+17, GdCP19, JLD+19, KCS14, KPJ19, NNRA19, RD14, THN+06, EMHE18].
schedulers [BB113, CDS08, EL98].
schedules [vdLLE19]. Scheduling [AH16, AL18, ACH+15, ABN17, BDNP13, CJHH13, Frl14, GVA+16, KV12, KV17, Li18, LAH10, LC13, LSVML13, LRMC94, PIP18b, RBJ+13, RS1V88, RB18, RMHG17, Ser98, SVK19, S06, SIL+13, SK12, WHW16, Aba06a, Aba09, ABM012, AOS10, ANA16, ANE13, AHE17, AMD08, ADA12, ALK15, AGKZ18, ABP16, AB17, AB18c, AFPG91, AFP+92, AMS19, AEM10, Bag16, BZMY10, BKS+18, BBC+17, BBB16, BT17, BBI13, CLR17, CVT19, CTG07, ÇBCA15, CA13, CA15b, CCL07, CCL09, CM17, CK00, CXL+17, CLR18, CW+18b, CBK+17, CSL18, CGSJ18, CCCT14, DZ98, DRNMC09, DQLW15, DdM10, DR18, DXL+18, DPL14, DCMW17, DSC18, DBS14, DNP14, EV96, EL98, ED04, EMM12, FK12, FD95, FN00, GRH05, GBS10, GJ15, GOBL16, GD10, GS15, GPS13, GDS18, GP09, GKT15, GCZ+19, GGS13]. scheduling
[HV92, HCL07, HHW11, HXL90, HLL+19, HPLL09, HBN+13, HZLI19, HML07, JHJ19, JCSS01, JLJ+13, JM01, JEB18, KR19, KA09, KS18a, KCK16, KLP19, KKX11, KMK09, KB09a, KK10b, LTOT07, LHL09, LKG07, LLC11, LLC14a, LYQ06, LB09, LGY+16, LJGW18, LTTL19, LZZ19, LZYC13, LG16b, LCXM16, LPV+16, LCdPMCT19, LYH+19, MJM+16, MHC14, MLSF16, MEE19, MRN19, Nag16, NP06, NRR+15, NPP12, NP03, Nos98, ÆEI13, PNGFJ13, Pa09, PBV+13, PK11, Par04, PKF14, PW09, PT16, PAB+14, QCY+19, QPTGG+12, Qur19, RRB10, RC13, RNJK09, RMHCMG15, SS13, SZ98, SC16, SDTA19, SKJ01, SDST18, SHLJ13, SWG+16, SZK16, Shi04, SOIS12, SGJ18, SV15, SG13, SAK+10, SG14, SCP09, SK19, SDD+09, SSP17, SGL+19, TZZBK13, TDFZ16, TLTY06, TLL+11, TJZ+15, TKR+15, TPBS14, TdPF+17, TV16, TCCC11, VBV11].

scheduling [VVR13a, VPT+15, Ven09, VVB13b, VMN+18, WWX+17, WHZL10, WKC+13, WWC14, WQG15, WCC+16, WMQ+16, WCH+18, WSC+19, WL05, WHP09, WS10, WXXL11, WCC14, Wu16, WWT+16, WPJ16, WHCW19, XA10, XZW+19, XY15, XDI+17, XYH+90, YPLLZ17, YYYW+19, YKK13, YIA17, YIZ12, YSL19, ZCL+14, ZYB+18, ZGL+18, ZXL+18, ZQB+18, ZZS+19, ZZZ17, Zhu18].
schema [ZCQ+16, ZS10].

Scheme [AMSPL19, JLS+19, LNL19a, AMN18, AAC04, AAQ+19, APK+18, AK18b, BBH18, BDM+19, BMK+14b, CG02, CHJ+04, CYY04, CGL08, CCR18, CJS19, CBP18, DLLLZ17, DA18, DC18a, FXG+19, FLT+19, FHZW18, GAI+18, HKA+18, HAAHW+18, HJA+19, HZL+19, HHW+19, HWW04, HM14, HLC16, HNQ+18, HZW+16, JNHL18, JKAU19, JQ+17, KKB18, KHM13, Kol18, KLMB19, KLW+16, KLW+17, LTJK12, LBYLO8, LK12, LLW+18a, LNK+18, LWK+18, LLW+19a, LH13b, LHC03, LHL03, LNY+18, LDZL19, LL16, LZY+16, MCN+18, MGN+16, MK04, NBO, ODK+17, PY00, PWW03, PSL+04, PGCC+10, QGT+18, ROK19, SGCCR+16, SL810, SGB+18, SGBK19, SCZ+14, SLH+19, TXJ+19, Tor13, TYH04, VGD+19, WWDF18, Wan18a, WH5+18, WDKV19, WZCH17, WZS+18, WLS+18, WLLH+19, XLL+14, XTZ+19, XXX+19, YWJ+19, YYW+09, YPLLZ17, YCT15, YD18, YXD18, ZXX+14, ZCL+18, ZZZ18, ZHH+18, ZXXL18, ZLT+19, ZFC17, ZFC18, ZFH+18, ZLY+19, ZtaTZ+17].

Schemes [YDNV16, ÁO06, BMZ10, CDR17, CJXX19, CHS11, DGA18, HSP+13, LLKF09, NZL+15, OPO13, PGSM05, RA12, Shi04, SAR18b, VCD+18].

Schlouder [MGG+17].

Scholarly [BH13, LZh+18].

School [HY03].

schooling [Sch01].

schools [MR03b].

Schroeinger [BFLL09, IS03].

Schwarz [SMC18].

SCI [STTK03].

SCI-based [STTK03].

Science [AC10, ABM05, Bis96, BDP11b, CBN16, CF09, DGST09, FEB+19, GLD+19a, HT02, LSA13, NSF87, NTN86, Ros94, TS99, ZBB09, AHP+18, ABM+07, ALFR16, BOWD+19, BHD09, BLB03, Bun03,CAC+10, CRSdS10, CH04, CDB+19, Coo86, CGJ+10, DRZ+19, DVJ+15, DX414, FFG03, GRZ+19, GRPL04, GDP+18, GRCP+17, Hul89, JHL+06, Jho99, Jho02, KZS+19, KS19, Kol89, Lit03, MR03b, MM18, MCW16, NJKF18, NLM+16, Rh098, Ros89, SAGL10, SPdS+17, SBG+09, SYB+19, SL97, SG14, SSMG95, Tan02a, TBK+10, TBlD16, Wei03, Wil89, WAD+89, WCKW10, XLL18b, Zhu14, AC10, BHI3, SGPP+19, KA13].

Sciences [AKMK05, SR03, CBBC+17, GCBM17, GRL11, GPS+17, Han03, Hul89, LWHC07, TWC+06].

Scientific [AL18, AGMT17, CBBC+17, HY03, LPV+16, MBZL09, PN13, PS13, SG17, AW03, AKB+01, Ans11, ABN17, BBBD01, Bea03, Bens99, BP10, CSW06, CTR+17, 

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CZ14, CPA14, CdSDS15, dCCDFdO15, DQ+19, DaI03, DR5+97, DnI99, DT08, EHT10, FTP14, Fin99, GAB+14, GHWZ94, GP09, GSR+19, GB99, HM18, HZP+14, HSB+19, HLCL16, JNPY06, JCD+13, KPM+18, KC19b, KB09b, LKN+13, LGY+16, LDCF11, LPS19, LZYC13, MJDN15, MdOO+17, MCT+09, MDO+15, MED16, MFL18, NF13, PNH99, PSG+06, PS19, PLL17, PAC+17, RL98, RK818, RB18, SV16, SSC09, SJV12, SCBK+16, TKS+14, TdPF+17, VCKB12, WLF+09, WSS+09, WWT+16, YMW13, YLYC10, ZSX+15, ZLR+15, dSFD+19, vdV09b, [C14, CPA14, CdSDS15, dCCDFdO15, DQ+19, DaI03, DR5+97, DnI99, DT08, EHT10, FTP14, Fin99, GAB+14, GHWZ94, GP09, GSR+19, GB99, HM18, HZP+14, HSB+19, HLCL16, JNPY06, JCD+13, KPM+18, KC19b, KB09b, LKN+13, LGY+16, LDCF11, LPS19, LZYC13, MJDN15, MdOO+17, MCT+09, MDO+15, MED16, MFL18, NF13, PNH99, PSG+06, PS19, PLL17, PAC+17, RL98, RK818, RB18, SV16, SSC09, SJV12, SCBK+16, TKS+14, TdPF+17, VCKB12, WLF+09, WSS+09, WWT+16, YMW13, YLYC10, ZSX+15, ZLR+15, dSFD+19, vdV09b].


SDN-based [dSN19]. SE [BT93].

SE-TC2 [BT93]. SEAI [vdR08b]. Seamless [SLS10, TDD+06, CDP13, DFG+06, LLF+18b]. Search [AN16, CT19b, FPL+19, MCT+15, TL19, XRPT18, ABMES18, AMC+19, Bal91a, BNP08, BS09, CZC+19, CZC+18, CZC+19, CWJ+18a, CC98, CZL+18b, DLH+17, Dzw97, ESW+17, EA17, FH13, FLR+16, HZL+19, JCO8, KMT14, LZW+19a, LAM07, MS00, NS17a, NSI84, PPZ12, PSIR14, RCMT18, RHMGC14, RNJK09, STA17a, SCBK+16, TWW+18, WXL+16, WCL+17a, WW13, XLZ+14, XTS+19, YD18, YXD18, ZZ90, ZL13, ZWZ19, vW19]. Search-based [MCT+15, XRPT18, RCMT18]. search-optimizing [vW19]. searchable [CLC+19, DLZ16, DLLZ17, HQZH14, LLL+18, WXYL16]. searches [HQH16, SA07, SF06]. Searching [CFG93, Sch93, LFH+15, RTS+16, SZC05, WH013]. Sec [SSRQ19]. Sec-SLA [SSRQ19]. Second [Ste85, BML95, WYN+09]. secrecy [BDNN02]. Secret [EHMS00, AIM+19, LEW19, SAR18b, ZS+15].

Section [CMa11, ChK11, CC11, CF09, G09, GMS09, HKPT10, JS12, KT08, LXL09, LS10, NF1K09, SGMM1, WSB+15, XZ11, Abo06b, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BN06, BLAV06, BB12, Btc05b, BR10, BRHH18, CRESS, CGD10, DLP06, DKD08, DDM+08, DT08, FA11a, FM10a, FM08, GA06, GMA07, GVTdL18, Hba05, HKM+06, HJ10, Ig07, JO11, L08, Kim07b, hKcF09, Lce12, MOK06, OM10, OLe07, PH07, PX07, RW13, SL14, SDBdL06, SBl09, SPEW09, SD07, TBK+10, TBdL16, VLG09, XLZ18, ZBB09, ZSH12, Zhu07, Zhu10, ZAP05]. sector [HHW+19, Nag86a, GGI0].

sector-based [HHW+19]. SecTrust [AGR19]. SecTrust-RLP [AGR19]. Secure [AEK+18, ABCD00, BK16, CDDR17, Clu10a, HQH16, HYSH17, HYSH18, KKL09b, LLQ14, LNL19, LLH15, LZZ+18b, LH16, MLW+18a, Mer13, MAA+19, RHH+16, RTS+16, SAR18b, SSF+09, SYW17, SPK818, WX16, WDW19, SMS15, ZMH+18, ABMM18, AGR19, APK+18, BDFP05, CPD+15, CFb+19, CZZ+18, CDL18, DJZ+15, DEL19, Din03, FLT+19, FLPP05, FS18, GPA00, GCTLA+19, GA1+18, GZL+18, GZQ19, HAAW+18, HZL+19, HLV+97, HPP+18, HMA+18a, HLL+11, JFDF09, JSC+15, JCL+15, ECE+19, KZA11, KKKM13, KPA17, KKF19, KLL+17, LL04b, LTJ12, LJS17, LLLW13, LCHW14, LWK+18. 
LAL+15, LYZC13, LL16, LWF+17, LZY+16, MLC+18a, MK17, MHY+18, NRV+17, NLS19, ODK+17, PGCM+19, POJ+16, QGT+18, RPH19, Rao17, RSK16, RPA+18, RACA18, RHPV17, SRZD15, SGGCR+16, SB17b, Sin07, SBL18, TX14, TMB+19, TCN+14, TAS+18, VCDK18, VGD+19, WWW+16, WMX+17, WWDF+19, Wian19.

secure [WDKV19, WZCH17, XZP18, WZWW18, XDWL15, YYS19, AEME18, BMH10, DD05, FSM88, GZL10, CRM+16, DMZ12, DD15, FJJ18, FTH16, FJP19, FS07, DT16, DDR+07, FTH16, GMLGB+17, GHD19, GMC03, GKK15, GJK18, GSN+18, HCJ14, HCTN14, HPP+18, HIA+18b, KR19, KS18b, KLH+04, KKL09a, hCf09, KBdLG18, KKKM17, KKKM18, KKKL18, KCC18, LS07a, Lan00, LLW+12a, LNB14, LGY+16, LGL+17, LLIW18, MGN+16, MPPM09, MSN+18b, MWL+18b, NV11, NWWM17, NZQ07, OA17, PSS13, PGCM+19, PSW+19, PM00, RR18, RLM18, RM16, SFM+19, SAGGB17, SYJ+19a, SM03, SWY+17, SZS13, SGS+18, SDK9, SSB13, TZZ+18, TBR+19, TVV13, TMS+17, VPP+19, WXYL15], security [WSL+19, WZ18, WS10, YH18, YN18, YS16, YNY+14, ZYN+15, YKÖ17, ZCYZ18, ZG18, Zln+18, ZL12], security-aware [GHD19, HCJ14, WS10].

security-by-design [VPP+19], security-enhanced [AMN18, KKKM17, KKKM18], Security-Oriented [YAA+19, WZWW18], segmentation [DH16, LSZ+16, SBCF16, TCCW19, DMM+99], segments [TV08], SEIM [TL19].

Selected [BGL08, DMW04, Ig07, TCG14, CC11, CCR18]. Selecting [CLC11, GBKJ18]. Selection [DLH+17, ABMMC18, AKP+18, AFSH+18, AFSH+19, AT18b, ATT96, AWN+13, CC07, CM1+19, DPK+19, Du94, DMN+05, ET08, FTK+14, FCY18, FJJ+18, FA11b, GNY+18, GB10, GAA19, HD17, HDJL19, HD19, HIA08, HIA13b, HIA13, HG16a, HCTN14, HPP+18, HIA+18b, KR19, KS18b, KLH+04, KKL09a, hCf09, KBdLG18, KKKM17, KKKM18, KCC18, LS07a, Lan00, LLW+12a, LNB14, LGY+16, LGL+17, LLIW18, MGN+16, MPPM09, MSN+18b, MWL+18b, NV11, NWWM17, NZQ07, OA17, PSS13, PGCM+19, PSW+19, PM00, RR18, RLM18, RM16, SFM+19, SAGGB17, SYJ+19a, SM03, SWY+17, SZS13, SGS+18, SDK9, SSB13, TZZ+18, TBR+19, TVV13, TMS+17, VPP+19, WXYL15], security [WSL+19, WZ18, WS10, YH18, YN18, YS16, YNY+14, ZYN+15, YKÖ17, ZCYZ18, ZG18, Zln+18, ZL12], security-aware [GHD19, HCJ14, WS10], security-by-design [VPP+19], security-enhanced [AMN18, KKKM17, KKKM18], Security-Oriented [YAA+19, WZWW18], segmentation [DH16, LSZ+16, SBCF16, TCCW19, DMM+99].
Self-managed
[CRM16, LHPC19, NJHT11].
Self-organizing
[DD05, FSM88, FS07, MPR+16, dRRR+18, dRRdQGR+18, SJL+18, 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, JXC+19, PBV+13]. SemantEco [PSW+14].
Semantic
[ARP14, BPC+14, DNW+19, HB08, HC17, HQ10, KARP14, MRS+18a, PBC+11,
RVST17, Sun10, WZL18, ZL04a, AD18, ABTF16, AHWY19, ACMM19, AGA16,
AGA18, ACC+16, BDH14, BX04, CPSRG14, DLZ+14, DT16, DSS16, DMMM11, FLR+16,
FC09, GACM17, HK88, Ha18, HSB+18, J008, LA19, LXL+17, LvW14, MPCA15,
NAM+19, ODC19, PTT12, QGT+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17,
UZI11, VGBLS+06, VPT+10, WLLF16, XCGD10, XLZ+14, XWL+15, YCZ18, ZS10,
BDE+16, CAS+16, LWHC07, LSW+04, LKA+19, WCO06b, WFQ+10, Zhiu07, Zhu10].
Semantic-aware [BPC+14].
Semantic-based [ARP14, KARP14, PBC+11, ACMM19, LA19].
Semantic-supported [HB08].
semantically [AAF18, BCMA07, Li10, PSW+14, RGVGGSSZ14].
semantically-enhanced [RGVGGSSZ14].
Semantics
[JD94, SPdSR+17, XB14, Zhu04, ZS16, Ber00, BL92, CPB00, DFL017, Hal88, HPJ92,
LLG+16, RTHB17, SOA17, TCC19].
semantics-based [TCCW19].
Semi
[ADBO18, AAF18, AC01, BDHK06, DBS14, HLL12, J09, NB04, WHCZ18, YWY+17].
semi-automated [AAF18].
semi-automatic [AC01].
semi-autonomous [DBS14]. semi-discrete [NB04].
semi-Markov [BDHK06].
Semi-online [ADBO18]. semi-structured [JC09].
semi-supervised [HLL12, YWY+17].
semi-tensor [WHCZ18].
self-modifying [HHG95b, SGFS01].
self-organized [CCT13].
self-scheduling [DRNMC09, XHY+90].
self-similarity [DMZ12].
self-sizeing [GDR+14].
semi-discrete [MHZK18].
Sensing
[HPB01, LCH+18, PBT02, SWW+13].
Sensor
[SYJ+19b, AS18b, AZO+19, FPPD14, RRS10, SMS16, TKA18b, YWW+18,
ARSMY19, ASO14, AKP+18, AIB+18, BLAN+16, CZY+18, CJ14, DJMP18, FG18,
FJJ+18, FP14, GRTV10, GBKJ18, GLXF17, GZL+18, HKA+18, HAAWH+18, HST+18,
HDH+18, HZZ+18, IASK14, KWK+18, KS11, KLW+16, LZY+19a, LC17, LBYL08,
LQ14, LCZR12, LZXG12, LWW13, Lok12, LHBC16, LFY+19, LZY+16, PC17, PPS+18,
RAA+19, SJ14, SCY+18, SMS14b, SYCH18, THA+17, TSD18, TYWW18, TCCW19,
WCB+18, WGG19, WLS+18, XKJ+18, YHL+19, ZWS+12, ZBL+14, ZZHL18,
dFPFG19, RVST17].
Sensor-cloudlets
[Lok12].
sensorized [TCB+17].
sensors
[BDE17, BSE+13, CFMC19, GRX19, HUMA18, KMU19, LRBW17, Mat18,
OMPSPL® 19, SPD® 19. sensory
[KLMB19]. sentence [Mzp® 19, Nit86].
Sentiment
[AAYL19, MQV® 19, ZWWL18, CC19,
DMPs19, GGMs18, Mzp® 19, ZLLZ18].
sentiment-based [GGMs18]. separation
[FDsCO7, LLLZ19b]. September
[Ano84k, Ano19j]. seq2seq [WLZ19].
Sequence
[LLJ17a, BORm07, CS05, DMR93, DCS® 07,
KKvdB® 17, NGB18, VR12, WSL® 19, YD05].
sequence-based [NGB18]. sequences
[LeOO1, LJW® 19a, ML19, MP02, TKT® 08].
Sequential
[CKFJ06, CGL15, DPL14, FZT® 18, JBA94,
KMC18, LYMZ09, LBU® 10, MWYC12,
TNY17, WHCZ18, YGY® 19]. SEQUIN
[BCPS03]. SERAC3 [LLZ® 18a]. serial
[RS94, SGFS01]. Series
[Ano86i, Che14, GKIz05, HHS® 18, LFVV05,
MZI® 17, MFT® 17, NA19]. serious [AW19].
ServBGP [IBG® 14]. Server
[FNCR11, LL15, BGR® 99, CWD04, CGL08,
CWSW14, Cho04, EDD® 10, FHZW18,
GW01, HAC92, HJCD05, KLW® 17, Lee04,
Len16, LX17, LLLW18, LHI3b, LHL03,
LWW® 18, MP17, MD12, PA01b, RT15,
XDLH12, ZBBZ19, ZFC17, ZFC18, BSR1R].
Server-aided [LYL15]. Serverless
[PMCC18, GAmC19, SWCP03]. servers
[BR18, CLHI10, DZZ® 15, JH19, JOP14,
JZWL17, KAE® 18, LPE08, SMA08,
WWC® 97, ZWW® 13]. Service
[ANE13, AJY15b, ACC® 19b, BZSI14, CBS17,
FMN® 17, HSBE19, HB19, JY15, JGB19,
KK19, KT17, L17b, LNA19, LIZL19,
LYW® 16, MJRM16, OF07, OVK® 09, PRS12,
SCL18, STM18, SMG18, SS17, SZK18,
TSHB11, VDTK12, YGI18, ZWJ® 19a, ADI14,
AAB® 10, AAAQJ® 18, AFSH® 18, AFSSH® 19,
AWN® 13, AK14, AB18b, ADF® 05, Ano12r,
AN08, AM19, BBC® 17, BS17, BJA® 05,
BML18, BSC06, BBT19, BCDP12,
BPC® 01, BGK® 05, CMZ® 12, CPD13,
CCT13, CMB17, CCI1P18, CPE® 17,
CMG® 19, CKFJ06, Cha14b, CSL17, CSL19,
CGSO9, CRWZ19, DCS® 07, DLW07,
DVD12, DIA03, DDR® 07, DM12, EK11,
EEAD18, EG18, FLR® 16, FD12, FTP14,
FWB13a, FWB13b, FA11b, GMM18,
GYH® 18, GVURITBV14, GJGB19, GA13,
GAJP18, GPK05, GMEL08, GJI® 19,
GGA® 17, GLJ19, GPVN19, HIA18a, HA16,
HA18, HC17, HJS® 99, HSY® 07, Hua05].
service [HLT® 18, HL1® 19, IGB® 14,
JGFB18, JTL® 19, JSS® 12, KZA® 18,
KSF® 13, KTKN11, KK10a, KKB14, KPA17,
KuRAK® 18, KSW® 13, KK16, KIC12, KK14,
KCC18, LPMY18, LL03, LvSW® 04, Li15,
LLW® 18, LD17, LDJL19, LKA® 08, LJW08,
LWS® 12, LWL® 12, LX13, LDS® 18,
LWL® 18, LSMVML13, LS08, LLW® 18b,
LMH® 09, MLL15, MCL® 16, MZH® 17,
MCJ19, ML11, MLM16, MHZK18, MAD® 16,
MEW® 19, MHA08, MRS® 18a, MV09, NK15,
OE13, PaI06, PlI13, PC18a, PKC04, PRS® 13,
PRSR14, PBA18, PTM® 18, PTT12,
QZD® 18, RZ16, dRRRR® 18, RMVG® 10,
RB18, RHMG14, SVC® 07, SY® 07,
SBLW14, SSJ19, SLSS19, SPSP17, SKS17,
SRKS18, SDC11, SMBNHT® 18, SPBT07,
SMZ® 16, SLL® 18, SLY® 19, SDH® 19,
SAC11, THN® 06, TDLC17, TJSW10,
TIZL® 18, TGM® 19b, TBFN09, TAKV12,
UGBM® 17, UDS19, VCE® 19, VDK12,
VOS12, WWG® 97, WLZ® 16, WHS® 17,
WPY19, WSH99, WZ13, XSM15, XWW19,
XGD10, XLW® 17, XRPT18, XCRZ® 19].
service [WJyF19, YKL® 07, YCL® 19,
YW12, YVBC10, YKK13, YCZJ18, YLAI18,
ZSL® 19a, ZZ09, ZGS® 13, ZLHL18, Zn18,
vdPGZ® 16, CLM® 16, EMJ® 13, GMEL08,
GvDBdL15, IKDI19, KLG® 03, KTM® 08,
LPD® 13, RA12, SCH® 17, YPF05].
Service-aware [SMG18]. Service-based
[OVK® 09, BBT19, GAJP18, HJS® 99,
LMH® 09, TBFN09]. Service-Oriented
[BZS18, SCL18, AB18b, CPDJ13, CGST09,
Services

[AFP07, ABP18, AM17, BMFC07, CFP+19, DA18, HML19, HX1+17, LK1+19, PZY16, YAP16, ABMC18, APBdI17, ATF11, AHP16, ARB12, AEM10, BK1+14, BBW08, BAV16, BZ19, Bel16, CSV+12, CdcD07, CDP+15, Che13a, CAC+15, CYW+19, CDB+19, CGL15, CTT07, CLM100, DQC19, EAS18, LMLP13, LJS17, LK1+14, KH18a, KK16, KF00, Kyr19, LGH97, Sin07, WTG+14, XYZ05, YAO14, ZLD+03, vdR87f], setting [WM07], settings [FFL+19], setup [MD12], severity [AXT13], SFaaS [KCC18], SFC [CWL+19, LN18], SFC-based [CWL+19, LN18], SGrid [LvSW+04], Shack [vdR87c], SGX [CDMR19], SHA [LC17], SHA-3 [LC17]. Shack [MAPA19]. shades [CPMG+19], shapes [DS04a, Sch98]. shape [BBL+05, LGK08, XJZ+19]. share [NP06]. Shared

[KGX95, PBM95, BK97, BOP+14, BBSV92, Ber98, BBC+12, CR92, CYH04, CCL09, Ciu10b, DFC+10, DPA16, FP03, GM+16, GB99, HH98, HSH16, KMB16, LTN10, LWSC07, LBU+10, OB04, PADD03, PY00, PH94, RCOP11, RCD03, SF06, TC06, TYH04, WYJ09, Wu16, YIA17, YDT19], shared-image [FP03], shared-memory [BK97, CR92, SF06], shared-nothing [KMB16], shares [AIM+19]. Sharing

[DL00, QCW19, AM19, BBM+03, BJ+17, BDCC19, CD16, CT+08a, CWD04, CCS+10, CLC+19, DZ04, DG09, ELvD+96, Erd13, FSM+18b, GGC17, GCTA19, GGI0, GLB+18, HLY17, HMA+18a, HYF18, KI11, KLMB19, Lel13, LLJW13, LLZ+19, LAL15, LHL15, LWS18, LLL+18, LEW19, LLW+19b, MM08, MM18, MML018, NV11, NZL+15, OD1+17, OB17, Opp00, PVN+12, PK09, PH99, PLW+19, Pol08, Pol99, PZY17, PPSS06, PKI+18, PFS+13, PE05, PBB+05, QCD16, QP08, RZ16, RB13, RW18, RGVG+14, RG04]. services [SRZD15, SPMC10, SMPC12, SBK+16, SSK+19, SCN+14, SLL+06, SZGbC04, SCG+18, TS08, TGM11, VAR14, VGFL+06, VSMR12, VSP+14, VPT+10, WRCC17, WVD19, WGI13, WCC+09, WYH17, WHY18, XB14, YMLT13, YAO14, YCX05, YKO17, ZCW11, ZCLW18, ZLT+19, ZWQ+19, ZJWZ04, ZaTZ17, daCNC16, AKM05, ABS11, RVST17, CJS19], serving [CZM+18]. Session

[Ano86h, LZY13, KMC18, dSB19, OVK+09]. Set [Zna94, CS+17, CGH04, DLI04, HXXW18, NK18, OB19, RNJK09, Xia06, YLG+16], set-splitting [CGH04], set-union [HXXW18, OB19], set-up [RNJK09, Xia06]. Sets

[BRH18, ABMCM18, ABM19, BCW01, CPE+17, DB99, ECPF17b, EA17, HAB+06, LGH97, Sin07, WTG+14, XYZ05, YAO14, ZLD+03, vdR87f]. setting [WM07], settings [FFL+19], setup [MD12], severity [AXT13], SFaaS [KCC18], SFC [CWL+19, LN18], SFC-based [CWL+19, LN18], SGrid [LvSW+04], Shack [vdR87c], SGX [CDMR19], SHA [LC17], SHA-3 [LC17]. Shack [MAPA19]. shades [CPMG+19], shapes [DS04a, Sch98]. shape [BBL+05, LGK08, XJZ+19]. share [NP06]. Shared

[KGX95, PBM95, BK97, BOP+14, BBSV92, Ber98, BBC+12, CR92, CYH04, CCL09, Ciu10b, DFC+10, DPA16, FP03, GM+16, GB99, HH98, HSH16, KMB16, LTN10, LWSC07, LBU+10, OB04, PADD03, PY00, PH94, RCOP11, RCD03, SF06, TC06, TYH04, WYJ09, Wu16, YIA17, YDT19], shared-image [FP03], shared-memory [BK97, CR92, SF06], shared-nothing [KMB16], shares [AIM+19]. Sharing

[DL00, QCW19, AM19, BBM+03, BJ+17, BDCC19, CD16, CT+08a, CWD04, CCS+10, CLC+19, DZ04, DG09, ELvD+96, Erd13, FSM+18b, GGC17, GCTA19, GGI0, GLB+18, HLY17, HMA+18a, HYF18, KI11, KLMB19, Lel13, LLJW13, LLZ+19, LAL15, LHL15, LWS18, LLL+18, LEW19, LLW+19b, MM08, MM18, MML018, PV18a, Rao17, RBC+15, SHBP10, SAGL10, SBG+09, SCY01, SAR18b, SSB13, TTC+14, TCN+14, TCH19, VG+19, Wan19, WVD19, WZ18, XCS+18, YLN15, YZW14, YZZC19, ZGL19, ZZ15]. Shedding [SHB89], sheet [FZT+18], shelf [RV95, SMM+14], shell [KTY03, Tab06]. Shells [TA06]. Sheltering [DR15]. ship [BRL19, Suz89]. SHM [SCL18], shock [Kni89]. shockable [AFO+18], shocks [MID16]. shop [ABMES18, BZMY10, DDV92, ED04, RNJK09]. shop-floor [DDV92]. Short [KLJS19, ZNC+18]. Short-term [KLJS19]. Shortest

Situation

[Hal88, NSHP88, WBT+08, YYS+19].

situational [AL14, RR18, ZRZR19]. situations [BDM+19, BKB18b, RGS18].


SkyDrive [QC13]. skyline [LLM+16]. SLA [AB16, BS11, BCP93, CMZ+12, DMZ99, ENC+12, GEG14, HY90, JTB95, KKB14, MG14, MG16, MBEA12, NHH+19, SBK+16, SSL12, SSRQ19, TMS+17, ZAC+18]. SLA-based [AB16, CMZ+12, KKB14].


small-world [LAM07, PM14]. Smart [APRC16, AFSH+19, AT18b, ACM+19, BA17, BNN18, CAB+18, CDH+19, DP17, DP19, HYC+18, HSS17, KPA17, LLZ+18a, LNA19, Mar90, MIP+18, PMS18, PC18b, RMSPP17, RPA+18, SAGB17, SDDG17, Sta17b, TF17, VPA+18, WLA17b, WLA18b, WSY+19, XJZ+19, ZYW+18, AMN18, ABMM18, ABC+18, AJR+19, AR18, AFSH+18, AT19a, ATA19, AAQ+19, AHdJF97, Ale97, AHYF19, AC18, BAJ+19, BBC+17, Bae14, BLO+18, BGV97, BWG19, BW19, CHS11, CLH+18, CFH+19, CYW+19, CBPP18, CKLC06, CS19, CCC19, CZL+18b, DFRW17, DQ97, DDMPG17, DF97, EADE18, FG18, FTK17, FSM+18b, GHD19, GAI+18, Ham19, HC17, HCZW17, HMA+18a, HMA18b, HX19, JBC16, KLJS19, KAS+18, KFK19, KS18d, LRJG19, LNK+18, LKFB18, LN+19, LSV+18, LCY19, LLW+18b, MCN+18, MLG18a, MK17, MLV+18a, Mat18, NAGD18, NWMG17, NWL17, OCW14, Osm19, PC17, PRL+19, PPS+18, RGN+18]. smart [RGS18, RadARP19, SP18b, SAG19, TGM+19a, TOD17, TLL+19, TWZP18, TCB+17, UGB+17, WDJC18, WHBC19, XLYZ18, XLL+18a, YJS18, YSHM19, ZXD+19, dSK+19, AR18, AL14, CGS17, FAMA+17, GXL+12, GMLG+17, HSS17, hKRM17, KADJ14, LSL+19, TAS+19, UP17]. Smart-cities [AT18b]. Smart-Cities [Sta17b]. Smart-grid [AT18b]. smart-spaces [AT19a]. smarter [APBdI17, FRM+18]. smartification [BZ19]. smartphone [AB19b, HUMA18, VOCH17, OMD+18]. smartphones [WWJ17, YYD+14].

SmartSantorini [DDMGP17]. SMiLE [STTK03]. Smith [vdR87e]. smooth [LSW+19, ZY04]. Smoothing [DV13].

SMP [BSG+05, BTM10, CRE01, MTKS00]. SMS [CYZK15, PCK19]. SMT [PAB+14].

SMT-based [PAB+14]. SN [RMDB18]. SN1000 [CGSZ95]. snake [RDSA18].

SNipe [FMD99]. snoop [Yam92]. snoop-cached [Yam92]. snooping [DSS98].

Snort [SI18]. SNR [RJN+19]. SNUSE [DEL19]. SOA [BDP11b]. SOAs [KB09b].

SoC [DQC+19, QZM+18]. SoC-based [DQC+19]. Social [AC16, AMP19, BCJT13, DMPS19, DCF19, EGVT18, KZA+18, LSAI13, NJ18, PLLP19, PYM18, RN+19, SP18a, SRP19, WZWW18, ZCYZ18, ZG18, ZSGJ19, USA19, AKP+18, AQHR+18, AQR+18, AT19a, ABG18, ACM+18, AMPS19, ATM+19, ACD+19, ACW+19,
Social-aware [DCF19, JLQ19, SA19, SB18, SKS14, ZZC14, ZZLZ18, ZSS16], social-based [AMQ19, GCPPBGS10, HAT19, IJCR19, JBM19, LKCS18, MWQ19, RC18, RC19, SYJA19, SSW19].

Social-aware [DCF19, JLQ19, social-based [JXC19], social-IoT [AT19a]. Socially [LAQ19].

Social-aware [LAQ19], social-based [APRC16, Ano87c, LSS14, Mar98b, Mar98a, Mar99b, PKF14, Zhu14, Zhu14].

Social [ABB19, KKS18b, CC19].

Social-cyber [ABB19], socio-economic [CC19]. socio-inspired [KKS18b].

SocioScope [NJ18]. Soft [EA17, Hab05, TA19, BB16, DB04a, GKWK12].

Soft-biometrics [TA19]. Soft-computing [Hab05]. Software [AO06, BHH91, Cas94, CWL19, CS19, DO15, GRCP17, GTSP19, JAAAD16, KB18, KKVdB17, Kow84, Kow85, Mai91, Mat89, MKR19, NAGD18, Sch94, SK97, SGM18, TDSH16, TD95, TSTD16, WRK15, AAB92, AMB03, Ano87b, Bao03, BBL05, BHH92, BKL01, CMZ12, CY12, CKP19, CCCC19, CDMR19, CGSZ95, Cur92, De98, GZLZ16, GVBG17, GJS94, GHYK18, GCK98, GXL19, HA16, HA18, HZC98, HLV97, HYG9, Hum92, IMSV90, Jun00, KHG18, Kol18, KKL18, LBM18, LGP19, LWS19, LLW19, LDS06, LLS14, LRC19, MB01, PLL19, PSL18, Poh87, QCY19, RA12, SF19, STTK03, SMS14a, SLZ95, Tak05, TBK06, VSDD13, WHS17, WZWC18, YLY17, ZG19, ZWJ19a, ZLZ13, ZBCT17, ZZSZ18, ZMN99, dSK19, BRH18, EMJ13, IDKD19, RGL18, RA12].

Software-as-a-Service [EMJ13, RA12].

Software-Defined [CWL19, SMG18, GTSP19, CJ18, CKP19, GHYK18, GXL19, HYG19, QCY19, ZG19, ZWJ19a, ZBCT17].

Software-Intensive [DO15]. soil [LNJ04, ST98]. soils [SDT18]. solar [SZC05, TTC19, GCCPGBGS10]. solid [GNOY01, PLZX19, WKP19, MPCA15].

solid-state [PLZX19]. solution [ATH19, BS17, CGH04, DMM18, GYH19, HCL19, HXY13, IDKD19, KA09, KNI18, LZX16, MGV19, PIP18a, RPMG10, SJR13, SS03, TDS16, VRS19, WGT19, YLN15].

solutioning [MNY19]. solutions [AR17, ACL18, BCP18, CsdCM17, CCR18, EGV18, KS18b, LK19, Od14, OMPISP19, PAL19, PYM18, PDH18, PWA19, QC16, ZEO98, ZEO01, dCRL19, dCTVC18].

solvability [Ned06]. solve [Del06, ED04, SSQ17, ZZ18]. solver [BG05, ID98, MMV08, PH94, SGFS01, SS04, vM94, Jun00]. solvers [BBN05, BRM04, BGC03, BEW10, NHT06, dSL98]. Solving [HP04, KKS08, SG04, YPF05, vdV93a, BJA05, CSC05, CMT16, CRM05, DHD09, EPJ05, FPS010, NMC05, Pad92, PKC05, Sch03, SMK05, WH05, ZS05b, ZAP05, tTVH96]. Some [Luk89, MDD89, Pad16, DS99, DT03, KAW12, Man15, MID1, SZR18, Kat04].

SOME-Bus [Kat04]. Sons [Ano87c].
Sophia [Zna94], Sophia-Antipolis [Zna94].

Sort [MAC17, ZSZ+19, GK18]. sorting [CG02, CKFJ06, Kat04, LQK+16]. SOS [AMPP19]. sound [DH16, RJN+19].
soundness [KYZ19]. sounds [WLZ+14].

Source

[QC18, TKA18b, BP01, GBKJ18, HZW+18, HHW+19, 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, AI02, BORM07, BW97, DZ04, DFC+08, DL00, DBD+14, Fuc93, GQLX18, JHC10, JL95, KL19, Lau92, LGZ18, MSM+18b, NHG02, NHG03, SW05, SCK+00, SGH+08, SMMG95, TMV+07, VLC03, YPHH24, ZS15, ZYXL05, dLLA93].

space-filling [SW05]. space-shared [DFC+08].

space-sharing [SW05].

spacecraft [AFPG91, AFP+92, CSC+92].

Spaces [DP17, AT19a, BMS05, BR18, LLS+14, SNC18, SAG19]. Spam [EAA16, CYZK15, CWZ+17, SB18].

SPAMINE [AVPV17]. spammer [MK19a].

spammers [AM19]. Spanish [SGGR+16].

spanning [CFL+18, Luk89]. SPARC [AG92]. spare [sGbKS19].

spark [GLVC18, LZW+18, SJ18, SJ19, CSC+18, HSW+17, LWR+19, TZZL18]. sparse [BJN+05, BMZ01, FFL+19, HBCR01, IST04, LLSL18, NHT06, SK+08, SGFS01, SG04, XIY+18, YJY+18, ZWL+16, dSL98].

sparse-matrix-vector [HBCR01]. Sparsity [YSZW18, HDO16, MQI+19, YZGW18].

sparsity-aware [MQL+19]. Spatial

[ATM+19, GRL11, ATS14, Ban05, CGN18, CAL+18, Co090, FX07, GFD14, LWZ+19a, LLS+19, LZLB9, MTD18, NWD+18, NZL+15, SSZ+17, YYZX18b, YDD19, ZS1Z+19, YZL+19]. Spatial-temporal [CAL+18, NWD+18, YYZX18b].

Spatio

[HYC04, SSP17, MLW+18a, QNM+19].

Spatio-temporal

[HYC04, SSP17, MLW+18a, QNM+19].

spatiotemporal [WZW19b]. Spec

[MHZK18]. Specific

[AB06b, ADALZ14, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BB13, BN06, BDF+16, BLAV06, BB12, Bic05b, BR10, BRRH18, CMA11, CRS+10, ChK11, CC11, CSYY18, CF09, CD10, CPSR14, DLP06, DFRW17, DKD08, DDM+08, DPDS14, DT08, DDB14, DO15, FA11a, FM10a, FM08, GR09, GA06, GMA07, GMS09, GMP+18, Habs5, HYSS16, HKPT10, HMK+06, HJC10, Igl07, JO11, JS12, JY15, JL08, KT08, KZ14, K TN7b, kFC90, LXLZ09, Lec12, LS10, LNB14, Mes02, MOK06, NFK10, OM10, Ole07, PH07, PX07, RW13, SZV19, SGM11, Sle14, SBDL06, SBDL09, SPEW09, SD07, TCG14, TBK+10, TKRA14, TBdL16, VLG09, WSB+15, ZXL18, YGS16, YJHZ14, ZBB9, ZSH12, Zhu07, Zhu10, ZAP05, ADLW12, ARB12, CRW+16, GVTdL18, KJ12, PC18b].

Specific

[AJC15, BFK02, DR05, KZA+18, KANS18, PN19, SCZ+19, WBF08]. specifically [RLRC13].

Specification [Pro07, ATJMZ02, GGW+09, MCF+11, ZZ09].

Specification-correct [Pro07].

specifications

[ATdC+16, ABK94, BDFP05]. specimens [FGCM07].

spectra [CGM+07]. Spectral

[BvdHN+01, RJN+19, DW+19, GHEB+18, LLJ18, Mal94, MLZ+00, RM17].

spectrogram [WZW+19b]. spectroscopy [GPH+94].

Spectrum

[DSBC19, LSG18, GPH+94, JJS+12].

speculative [LAL+14]. speech [WZY+19, YXY18].

Speed

[CZM+18, HGMR15, SF19, ZTKX19, AB03, DJJ+18, HDB18, HG92, HAB+06, HJ16, Kas85, KCK19b, LC01, LSH+11, LYS12, MVL18a, MFP05, MAPA19, RPA+18, SSG+03, TYWZ18, VSNB19, DSBC19].
Speed-adaptive [ZTKX19]. SpEED-IoT [DSBC19]. speedup
[ABG17, BBB16, HPLL09, GL05, OS06, SDTA19, SMS14b].
spine [WW19]. SPINEware [WWP19].
spiral [HHS98]. Spiral [IEG04]. Split
[MK19a, PNH99, MYK16]. split-layer [MYK16]. splitting [CGH04, Cie04].
SPMD [MMRL17]. SpO2 [HJA19].
sponsored [NSF87]. sport [KM19]. spot
[CRL18, DR18, FE1A9, JTB13, LXJD18].
spot-checking [LKJD18]. SPP [SSM95].
SPP-1000 [SSMG95]. spread [WJL18].
spreading [DVC18, SSZ17].
spreadsheets [Asu13, SQL
[CKJ06, LZZ16, LRMS19, SW17]. square
[TM05]. square-root [TM05]. squares
[vdV89a]. SSDs [LQK16]. SSE [Lin18].
SSL [DC17]. SSL/TLS [DC17]. SSO
[MLM16, YP19]. SSOR [BTM10]. St
[vdV87].
stable [CCT13]. Stable
[CHHW91, FT1K14, ZF16]. stack [PDK10].
stacked [LC18, RSY18]. Stackelberg
[LN13, SSJ19]. stacking [LYC18]. Stag
[ZSS18]. stage [QDZ18]. stages
[AA17, KN10, UZ11]. staging [MTM08].
stakes [CND19]. state-lmate [Chv87].
stalks [EA13]. standard
[RNR18, ZMN99]. standardization
[Kob92].
standardized
[BAB13, MEA12, WBKL16]. standards
[ACW19, MLD08, RS94, SDK19]. star
[KSOK08, LlpC12]. star-topology
[LlpC12]. StarCAVE [DDS10].
StarPlane [GMM10]. STARS [vV85].
start [BKY18, KMT14, TJJ15]. State
[CszZG13, CN98, GBY16, SJV15].
SGL+19, WW13, XWW19, dCTVC18.
ANG19, BDHK06, GHLW18, Kyr19.
LCC19, LTC12, LSL+15, Mér17, PLZX19.
State-based [WW13, Mér17].

State-of-the-art
[dCTVC18]. statement
[Leo01]. statements [Leo08]. states
[REM04, TUL04, WII84]. Static
[ABG17, BBB16, HPLL09, GL05, OS06,
SDTA19, SMS14b]. station
[XTL19].
stationary
[CTZ15, GHEB18, UMHB19].
statistic
[GW19]. Statistical
[LCG19]. MSA19, ZMZ19, Ald89.
BNP+16, HMF19, HPS97, KHWZ18.
MCA02, RS16, SCH17, Z190]. statistics
[Pan95a, WSN18, vdR87k]. Status
[CBB17, MK88, Abe92, FK90, Fur92.
Kaw92, KARP14, LAQ19]. Miz89a,
Nag89b]. STEER
[LWHC07]. steered [PHM19].
Steering
[LU110, WCK10, LJS05].
LBB+09, MDO+15, MvW98, MvW09.
RMCN10, LSC19, VMW97].
steganography
[MSM18b]. Stellar
[LNM08]. stem [BPP10].
stabilization
[BTM10]. SSE [ZSS19].
still
[Leo01]. stone
[Leo98]. Stokes
[ID98, vM94]. stone
[HZ19]. Storage
[SRN+18, AMD06, AR15, AKCY17,
AGA16, ADDV16, BSRR18, Bh18.
BBB+19, CW16, Che13b, CBT19, CDL18.
DLR09, DLZ14, DZZ17, DKE13.
DLH17, ED16, ED19, FH13, FLT19.
GTSAR14, GTSP19, GGSZ09, G10.
GLB18, GZQ19, HSM13, HDO16.
HNN18, JSC15, JCL15, KK97, LSL17.
LSS11, LFH15, MPP13, MY19.
MPC18, MAA19, MM18, MRR19.
NJW06, NZQ07, OB04, PWX17, RP08.
RST16, RAA18, SJTN18, SY17.
STC15, SGBK19, SS0K13, SMS13, S19.
SubSift [PFS+13]. subspace [CHJ+04, Dat03]. subspaces [HV03].
Substation [ONHT89]. substitutable [SVB07]. subsystem [CPSD18, WTC+02].
subtalar [Bo19]. subtraction [DGA18].
Success [vdR93a]. successful [KG93].
successive [LWX+19, ZWS+12]. sufferers [NDZ+18a, NDZ+18b, NDZ+19]. sufficient [XWL+18]. suggest [MVSM90]. Suitability [KP00]. suite [BBBD01, Ren03a, SPMC10, SCK+00].
summation [BCR+12].
Summarization [CZ+14, CZ+19]. summary [DR89]. SunwayMR [WHY+17]. SUNY [Lit+03].
Super [GHO+11, JP18, Kas85, MTV05, MCT+09]. super-peer [MTV05, MCT+09].
Super-resolution [JP18]. super-speed [Kas85].
Supercomputer [KMN+05, KGLA85, LM90b, SS90].
Supercomputers [Fer84, DFSZ88, DHD89, LM90b, Per86].
Supercomputing [Ros89, AS99, Han03, LPC+95, Mum04, WTC+02, WAD+89].
SuperFine [NS+17b]. SuperJANET [Coo94]. supernode [PR+95, CGSZ95, AAB+92]. superscalar [BFR05, Goo01, RMCN+10].
superscheduling [MJRM+16]. supertree [NS+17b].
Supervised [KBBBB11, HLL+12, YWY+17]. supervisor [DMR93]. supplier [ABMMC18]. supply [ABM+18, AB19a, ABGMC19, JLRQ18, LBJ+18, PYH17]. supply-demand [PYH17].
Support [BCM+95, CLAL19, CLY+14, DDO+92]. DJPM18, Gra92, ADBM19, BBWB+18, BK97, BRB19a, BKB18b, BMP+16, CAS+16, CFMC19, Che+13a, CY88, DMR93, DSH+99, EP12, FK11, GGTTRC16, GS95, GHLW18, GKT+15, GSY+19, HHL11, Ham17, HAA+16, Hum92, JNS+19, KFBKD14, LGH97, LZX10, LPK17, LGW07, LLW+19b, LDY+18, MDB+18b, NHG02, NHG03, ONHT89, OV+19, PM04, Pal06, Pal09, Per86, PWB+13, SB97, SGP+09, Scec18, TKTG19, VR05, VDK12, WLF+09, YJG+15, YCX05, ZZM+18, dFVPSHL+14, dLLA93, LPK18].
Supported [DPDS14, JO11, HB08, HJA+19, KSM+07b, LN04, PPS+19, ZAI+18].
Supporting [BMS05, EMB98, Fra08, GJF+12, JHI+10, LK+18, LHCC+18, ADT03, CFS+19, CMP+17, CDB+19, CPLH19, DMP+16, GD+19, HZL18a, KT08, LG08, Pag99, SZP00, SB11, SAK+10, SHL08, YD18, ZBF14]. SUPRENUM [SS90]. Surface [ALb04, CFG93, GL95, IEG+04, NUP+16, SU93]. surfaces [DY04, ZY04]. surgery [SGL99, WW01].
Surgical [EBK00, WWSM98]. surrounding [SLTK19]. Surveillance [MPI+18, AMB+18, HST+18, HZZ+18, RHH+16, TWZP18, UMB+19]. Survey [GBB18, JAAD+16, AM16, ABP18, ASD12, Ano84a, Ano87m, AMS19, BMK+14a, BdDPP+16, BRR+15, BBI+13, FSV+19, FS93, FLR13, GXL+12, HQH16, HAP11, HMQ18, HDB18, Igl+04a, IAM+18, KKKM+13, KA+19, KAW12, LY+19, MDO+15, MvW+19, RLM+18, TVB18, VNAMM+19, WGM15, ZZF18, ZAI+18]. surveying [YWZ+18]. surveys [DGD+16].
Suspending [ALM+10]. Sustainability [GLD+19, AK+18b, KPB+18, LIC+18, SA19].
Sustainable [KHG+18, HYC+18, KZS+19]. sustaining [BFN16]. SVD [CH+18, PP06]. SVM [RW18].
SVM-based [RW18]. SVMs [FZH+14].
SVMs [JP18, LZX+19a]. SVSC [HYC+18].
SW [XZL+19]. SWAN [PTM+18]. swap [CS+17].
SwapBench [ZL+17b].
swapping [ZL+17b].
Swarm [CT+19b, XR+18, GHE+18, JNR+12, LAL+10, LSV+18, MAC+02, OBI+19, SJI+18, WCL+17b, XZW+19, ZSM+18, HAT+19].
SWARM-based [Hat+19]. Swedish
Swiched
[CBD10, CKL06, CGJ+10, KK10b].
switches [LKTC14]. switching
[CKH13, CFVP03, CWL+19, HAP15, MGyC06, GSM+18a, SKP+09].
switching-frequency [CKH13]. Sybil
[AQRH+18, AQR+18, JNHL18]. Sybil-precaution [AQRH+18]. Symbiosis
[CSP98]. Symbiotic [ANA16, EA17, Sko19].
Symbolic
[Fah98, GJs0, CszZG+13, FB93, Ref87].
Symbolic/numeric [GJs07]. Symmetric
[LL18, AKH+04, DLZ16, FH13, GMDfP17, TC06]. symmetrical
[RS17b, USK16]. symmetry [XJZ+19].
SYMPATIX [CEKJ94]. symplectic
[IS03, MR03a, MR04b]. Symposium
[Bis06]. symptom [YJL+18].
symptom-matching [YJL+18].
synchronisation [PDDS10].
synchronization [ANG+19, AC92, BB06, CZT+15, EV96, GJ07, GE90, HX13, MM18, MML018, Pan95b].
synchronization-based [ANG+19].
synchronization-based [KYY19]. synchronized
[LKK+16]. Synchronous
[Dui89, GL05, DRdGGR+18, AT01, GGLD10, MD92b, OPT+17, XZZ+19].
syndrome [Bo19, KA88]. synergetic
[XFM16]. synergetic [AMB03, KSS11].
synoptic [DGD+16]. SyNRAC [YA07].
syntactic [GMM18]. syntactical [KL02].
Synthesis [wZkZ+19, GPA96, RS17b, SK18, TA19, Yos89]. synthesists [SvA17].
synthesizing [LJH+19]. synthetic
[JLRM00, PFMC04]. Sys [MR04b]. Syst
[AB19a, BFS+17a, Cha14b, HYS18, KSM+07a, NDZ+18a, NDZ+19]. System
[AMPP19, BZS18, CFH+19, CCM+14, CCKW88, DLW86, GCD+18, HRSW99, KV17, LSD+17, LRZ+18, LSG+19, LSS94, MPI+18, ML17, OSHH96, RT16, RMA+18, SVN+10a, SS17, ZYA+18, AD18, ABZK15, ABDH19, ACC+05a, ABC+18, ABD+19, ANN+92, AKCY+17, AQR+18, AAS17, AHYF19, AHM+18, AHMS18, AMR+19, AIB+18, AGJN00, ATM+19, AS18b, AFPG91, AFB+92, ACC+19b, ABH18, BAJ+19, BDE17, BG12, BFFW03, BL98, BT93, BFC+14, BG05, BLRS98, BPAP92, BW19, BDNP92, CM01, Cst91, CTT+08a, CGT07, CCT13, CM17, CWSW14, CLL+14, CYZK15, CLH+18, CZH+18, CW13b, CSL18, CAS+18, CGST09, CRC+19, CSC+92, DLW07, DGST09, DV+15, DBA98, DP19, DCF19, Din03, DIK+06, ESFD06, ED04, FPX+09, FK11, FMV14, FAL+19, FAMA+17, FPR18, FNA11, FW02, GLM+12, GCCC+07, GVBG17, GS95, GHWZ94, GML+13, GPA96, GGC18, GGDM+18]. system
[Gos00, GJKP18, GG10, GE90, HWS07, Han89, HUMA18, HPP94, HKM+06, HDA+19, HLA+18b, HZM14, IMKB89, JBC16, JAAD+16, JXC+19, JSC+15, JSZ+19, JSD19, KKB18, Kca93, KFF89, KIAD17, KKL09a, KRLR01, KS17a, Kom89a, KLJS19, KKL11, KVHT10, KLV+18, LCH+11, Lau92, LL04b, LRL+14, LBJ+18, LXD17, LL03, LC05, LZX13, LLC+16, LLN+18, LSS+18, LWSC07, LJY12, LDSH95, LLW+12b, LDY+18, LLL+18, LF95b, LY+16, Mae89, MVL+18a, MKK13, MD92b, Mat18, MTD18, MPM+16, MS01, MAY18, MOFGP18, MGLV04, MFSV19, Mur86, MQN19, NWE04, NDA+19, Nis93, NLS19, OFO+99, Ohy89, ONHT89, OSt92, PZC19, PHL98, PdASM18, PK99, PH99, PCG+06, PBA18, Pit96, PKS02, RBGA18, RHH+16, RRP+14, RML+19, RB12, RGM+19, RGS18, Rho06, RWV+13, RSSR01, RG04, SK+08, SPK+07, SZP00, SSG17, SI18, SPSP17, SCL14, SZD+17]. system
[SSW+18, SM18, SB16, SLW01, SYC18,
Suz89, Tak89a, Tak89b, Tak05, TTC14, TSK03, TNY17, TMF13, TCC11, TDL05, Ueh86, Ueh89, UPP17, USK16, UDVdW18, VSP+14, VPT+10, WCF+15, WMX+17, WWZC19, WY19, WDS19, WLP18, XCS+18, XKBA18, XKJ+18, XWL+15, XGY+18, XYML19, XXY19, Yam89, Yam92, YMW+18, YCY10, YWL+17, YZL+18, YJS18, YYZ+18, YZL+19, YCD+19, YCAS03, YS16, YZ12, YZW14, YWA+89, ZWL13, ZFW14, ZSX+15, ZGL+18, ZZW18, ZZX18, ZRR+19, ZCQ+16, ZWX+19, ZW10, Zhu18, ZAI+18, Zin18, ZXL14, dLLA93, APRC16, Ama86, BBB+11, BBSV92, Bre89, GCCPGBG10, Gut00, SH00, Suz89, WXYL15, ZPP17, dRSBH94, vdR93b.

**System-level** [SVN+10a]. System/6000 [BBSV92]. **Systematic** [Kac00, KT17, Hol93, MCW16, PVPT19, SAC11, WZH+19, WLHY18]. **systemic** [ABF+15b]. **Systems** [AWYJ16, AMSPL19, ADALZ14, CCR118, DVS19, DPD14, DO15, DSSU97, EGVT18, LJC+19, MOK06, NHG03, PW09, PIP18b, SHS+19, SdR99, SAPA17, Sth93, SJTG07, TCG14, Van87a, VLAC+13, Wei91, YGS16, YZ18, ZZL18, ABA06a, ACML05, ABMM18, AMH02, AMH04, Ais88, ASAB+18, AHJ97, AB18a, AB19c, AKPN01, ATDC+16, ABF+15b, ADF+05, Ano84j, Ano86j, Ano87m, AR10, AB17, AB18c, AM10, ADLM18, ADBO18, AM18, AH11, BM15, BK16, BBWB+18, BJWZ08, BCDY05, BFP18, BJNIH05, BPS06, BDNP13, BDWM17, BMZ01, BBMG10, BSS94, BKK02, BDL06, BBP+19, BRN15, BR10, CPGd+13, CMEA+19, CDF+05, CSdCM+17, CDM1+16, CFCG03, CTR+17, Cas94, CLM1+14a, CCJ16, CXL+17, CSJ+17, CY88, CBT+19, CLP+14, Cho04, CSC18, CCCP19, Coo86, CR14, Dal03, DZ04, DPK+19, DKV14, DEL19, DLP06].

**systems** [DM08, DFRW17, DFT92, DV13, DLDTGMP16, DRNMC09, DYT+16, DW87, DD86, DCMW17, EAED18, EG18, EO86, EMHE18, ECPF17b, Fer96, FDP17, FM10a, FM10b, GH19, GS05, GHZW94, GDJ+13, GJ15, GA13, GL19, Gil5a, GEAR13, GA06, GLW99, GM11, GDR+14, HH98, HAF+16, HRC19, HNKO18, Hen87, HrvW18, HCB16, HW95, His89, HPP94, HZP+14, Hol93, HPP+18, HXHL13, How91, HCL07, HKS18, HXL90, HDL13, HLL+17, HM98, HLT+18, HLNM11, HKJ+04, Ig07, IPG+18, JSK+06, JLCC12, JL08, JZWL17, JLY+18, Jol92, JC09, JM01, KH18, KKO0, Kag89, KANS18, KBVH14, Kha12, KB18, KKB+19, KLH+04, Kim07a, kRcF09, Kim14, KC14, KARP14, KH89, KB16, KFBKD14, KK97, Kun94, LBD18, LR06, LXLS09, LLES19, LKY+13, LRY17, LLF+18b, LWK+18, LC01, LCL14, LFH+15, LLGY18, LSAM13, Lok12, Lop03, LKJ17, LC03]. **systems** [LXZ+18, LM12, LZY+16, LSS94, LHCC18, MWQ+14, MBM18, Mar86, MB01, MGV+18, MM10, MKH06, Mat89, MRV92, MPQ03, MQL+19, Mxu05, MFL18, Mizz89a, MMR02, MRN19, Mul92, MMPF19, MKRD19, MGA+19, NPH19, NKB19, NFK10, NK15, NSSA+14, NQQL13, Nte86, OFD17, OFK10, OPO13, OAI17, OCCK14, Pal01, PLL+18, PdASM18, PK18, PPS+19, PY00, PWY03, Par04, PKF14, PARM14, Par87, PWXM17, PLP+19, PX07, PZ14, PQBP17, PB05, PSW+19, PB18, PVBH05, PH94, PYH17, PBS18, Pud87, QMCC19, QP08, RBA17, RD14, RDLM06, RVC16b, RVC16a, RG04, SZV19, SB19a, SH99, Sar02, SSF95, SG04, SB97, Ser89, SH18, SMS14a, SSSJ19, SBLW14, SK16, SH90, SOIS12, SFIN15, Sko19, Slo96, SNM+14, SSL+19, SS03, SMS13, SK19, Ste85, SCH+19, SGL+19, SVN10b, SM96, TKR+15].

**systems** [Th06, TAT18, THT12, TTP+07, TCH19, Tur18, URM19, VF18, VR05, Var03, Vau93, VS04, VGBC06, VR00, Ven09, VDK12, Vin16, VMN+18, VM93, VSV95, Wah84, WX02, WHZL10, WLZ+16,
WHS*17, WZWC18, WRBG94, WBT05, WYN*90, WPJ16, WZS*18, WLS*18, WZML18, WB90, XLZ18, YLJ*17, YYS*19, YP12, YL18, YMD*13, ZS05a, ZAB15, Zem86, ZCT*04, ZMTT16, ZA13, ZME*15, ZYB*18, ZBB09, ZYC*19, ZLG*14, ZWJ04, ZYTEC15, ZLL*17b, dSFP*17, dB90, vdrR86a, vdrR87c, vdrR87d, vdrR87f, vdrR87l, vdrR87g, vdrR93a, Gra92, HYZS16, HL*16, K189, LWW*16, Sl06a, Sl06b, TKRA14a.

**Systolic** [CCKW88]. Szpakowicz [Teb86, vdrR87].

T [Che18, QMSG12]. T-Alloc [QMSG12]. T-S [Che18]. T1000 [LYW*18b]. T3 [EMHE18]. T3-Scheduler [EMHE18]. T3D [MPG96]. T3E [SCK*00]. Table [JL14, FCW01, GXL*18, LTC12, LPY*18, MWY*12]. tables [CHS*18]. tablet [CPP*18]. tablet-based [CPP*18]. tabling [DS00]. Tac [SLH*19]. Tac-U [SLH*19]. tacit [MEDI16]. tactics [BS06, LLES19].


Taming [TGM*19b]. tangent [GKS05]. Target [K189, ASA19, HSV*17, LWX13, LXT*19, WFQ*10, ZBL*14]. targeted [NNC*19]. targeting [PNH99, SBCF16, wZcZN*19]. Task [AMS19, AEM10, BTM06, MVC*13, PCB19, SL11, ZZ19, ANA16, ADBO18, AMR18, BFL99, BKS*18, CLR18, CA13, CLC11, CdSDS15, CXL*17, CWJ*18h, DLW07, DKV14, EMM12, FGW*19, FDRP17, GCC*19, HPLL09, IDM*16, JLD*19, JM01, JEB18, KOT18, KA19, LTL11, LSTV07, LCMX16, LPL*16, LWR*19, MVRM08, MGMT18, Nag16, NPP12, PLLA18, P18, QZM*18, RS17a, SV16, SBHD08, SDTA19, TdfP*17, TVB18, WKC*13, WZM*18, WSC*19, WWG19, WPJ16, XAW*10, YYW*19, ZMTT16, ZS08, ZCK*15, ZGL*18, vKvW*13].

**task-based** [JEB18]. **task-efficient** [QZM*18]. **task-farm** [BFLL99]. **task-level** [PLLA18, ZCK*15]. **task-parallel** [SBHD08]. **Tasks** [DFC*08, APAZ17, AEGF*01, BDS*10, CFGM16, CA15b, CLR18, GVA*16, GGS13, HL*09, LYM*09, LGY*16, Li18, LLS*19, LG16b, MBLS11, MRN19, Nag16, Nos98, P19A, Reh06, SHP*16, SC19, Ser98, TLL*11, WHW16, WL05, Wu16, ZCL*14].

**TASSER** [ZZBZ19]. **Taverna** [ABG17].

**Taxonomies** [SV15]. **Taxonomy** [ALK15, DZH18, SYK*17, ATS14, BMK*14a, DC18b, DJ13, LCC19, LLWZ18, QKC19, TVB18, YHA*19, ZS05a]. **TBRS** [LLW*19a]. **TC2** [BT93]. **TCARS** [RMA*18]. **TCKPT** [KKJ10]. **TCP** [AbdL*03, AbdLL05, KHH10, WWD*14].

**TCP/IP** [KHH10]. teaching [FFG03, SYT09]. team [UZ11]. teams [DBS14, GLD*19a]. **Technical** [vdrR86b, CdCD07, GHWZ*94, UNM*16, Yam89].

**technique** [AKM18, DC17, DD05, GSC11, HRJ*06, HMP04, KHWZ18, KKA19, PCB99, RZDM01, SMRM13, SK*18, SLA*16, VS90, VM93, WCC14, WTS14, YSL19, dFPFG19, de 94]. **Techniques** [Gra15, WRK*15, ZYA*18, AD18, ABA06b, ACM05, AAN*18, AMI16, ATT96, AccM19, AB95, AMS19, ADK*09, CGN18, CLA19, CY01, CTM06, DMP919, Fah98, Gra92, Hab05, HSC15, JYY*17, KZC04, MVG18, Mic97, NWE04, P05, PdlS*99, SC19, SMS16, SV15, SKS17, SK12, TSBB11, VOCHC17, WKZ*03, WMX*17, WLB11, ZAP05, tTvH96]. **Technische** [Bum03].

**Technological** [dFVFPSH*14, Aig86].

**Technologies** [BDF*16, DPDS14, DMS97, Sim86, ZPEP17, AZH18, ABP18, BGV97, CPSRG14, DFRW17, Dub91, FM08, FR08, GVBG17, GMB*05, HSB*18, HJC10, ...
HSS17, IJCR19, KPS18, KS17b, LLMP13, Mal01, Mal02, Mal05, MGA+19, Nag86a, PPS+19, PKC+05, PGCM1+19, RVC16b, RVC16a, Slc14, SHH+19, STJG07, TMV+07, WCKW10, HMS15), Technology [BBD+99, ChiK11, LCY19, ZZLR18, Abe92, AB19b, Ano84a, ACPI19, BLAV06, Car86, Dek86, DvDHdL06, DD07, GMA07, Han19, HFW17, How91, Kaw92, KM01, KA88, LBJ+18, LMK91, NTN86, NLM+16, Poh87, Ser95, WZH+18, WAD+89, vDDB98, vdB86b, vDPYZ16, ABMS05]. TEE [DJZ+15]. tem [RMM+98]. tele-immersive [RMM+98]. telecare [LWK+18].
telecollaboration [AKB18b]. Telecom [BT93]. telecommunication [WWZZ18].
telecommunications [Che86, Mnc04]. TeleEEG [De 98]. telehealth [WQG15].
telemedical [De 98, JSS+99, Mar89b, Mar98a, Mar99b, Pol99].
telemedicine [EV98, FvL1998, FP03, Moc99, PK99].
telemetry [KMC18]. teleophthalmology [DRC+19].
telerhabilitation [AKG+17]. Telescience [LLH+03].
Telescope [CSV+19, BFK02, LcdPMCT19].
telescope-ready [BFK02]. tell [GMM18, VPA+18].
Temperature [RMRSA19, MLGGB+17, Tab06, ZXD+19].
Temperature-aware [RMRSA19].
temperature-dependent [Tab06].
template [LTJK19, LZZ+12, MCReB19].
templates [AMH+18]. Temporal [CPA14, GGM18, AVPV17, CAL+18, FX07, HYC04, KZCW13, LFL+17, LZZ19b, MLW+18a, ML19, NWD+18, OCW14, QNM+19, RAJK81, RMM+98, RKB81, SPP17, WXPL17, WMBV17, XLZ+14, XWL+18, XHZ+19, YXZG18b, YDT19, db90].
temporal-spatial [LZZ19b]. temporary [LZZ+17]. tenacity [LSG18].
tenancy [BPC+14, TCBPR16]. tenant [EMJ+13, GTSP+19, MDD15, PMLVLS+13, RB18, SWW+18, ZGB+17].
tenant-based [EMJ+13]. Tensor [BHE+19, CSV+12, DJPM18, EBOY14, SAG19, WHCZ18].
tensor-based [EBOY14]. Terabit [HRJ+06].
Teraflows [GGH+05]. TeraGrid [DK+06, VHML10].
Terascale [WSB+15, ZLD+03]. TeraScope [ZLD+03].
TeraStream [MWC+03]. TeraVision [SDLK03]. term [DLS+12, ECPF17b, HIK+16, KLJS19, MLL15, PBL+18].
terminals [Kam85]. terms [KMK+14, NB04].
terrain [OPO13, PFMC04]. Test [BP94, SAPA17, CsZzG+13, Cho04, FdAGdAFV19, GOMD+89, GMM18, KKL09a, MSA+19, Mal94, RRS99, RS94, WZCH17].
test-bed [RRS99]. testbed [KSW+13, MLC+11, MFFM+05, SAMN02, ZWD+18, ABB+05].
Testing [GAYTC18, MFT+17, SZA12]. tests [CDF+05, PR95]. text [ASY+18, BD18, FMV14, FS19, Kho05, KP18, NS19, SLZ+09, WLL+16, XZ16, ZWWL18, ZZL18].
textile [WPS+18]. texts [ZNC+18].
textual [CFM17, JTL+19]. texture [ZZN04]. theaters [KO11].
their [AMC+19, Ano86i, Car03, CMZ95, DRS04, Ig07, JBP+18, PR95, PIKM02, PFS+13, SS13, VPA+18, XYL18].
Thematic [Kaa99]. theorem [Sti93]. UM02, WC06a].
themeproving [Sti93].
 theory [CFF18, JTL+19, ZGZ+19]. theories [WRRB94].
Theory [ASW11, CDFZ16, FEP18, YLWW18, AS18b, AY16, CPE+17, DL03, Fer13, Ger02, IS18, JK92, LKCS18, LZL+19a, MH01, MKK03, NHP98, PBT02, PMPC13, SH00, SBK18, VSQ19, XL19, YMY+19, ZZG+10, ZDL+19, ZSL].
Theory-based [FEP18, LKK18, YMY+17].
 therapy [GZT+18, NZD+18a, NZD+18b, NDZ+19, ZMZ+19]. there [DA18]. Thermal [LZL18, Tab06, TZQ18, DS04b, SS01, ZTD+18].
Thermal-aware [SSG19, SSP17, ZTD+18].

Thermo [Ned06]. thermo-visco-plastic [Ned06]. Thin [JLX+19, DSD+11, KuRAK+18]. Thin-client [JLX+19]. Things [AT18a, AHYF19, ASAA18, CCL18, GTEL+18, GBMP13, KK19, LSD+17, PPXM+18, RMB18, ZYA+18, LLMP13, NWT19, ABMM18, AKP+18, ACWJ19, AR18, AGR19, AMQS+19, AT19b, AVPV17, AMPZ16, BA17, BAJ+19, BZ19, BRH18, BGS+19, BdDPP16, BRB19a, BRB+19b, BWG19, CT19a, CMG+19, CMI+19, CBT+19, CMP+17, CBPP18, CDFW18, CMZ+18, CDH+19, DPK+19, DZH18, DP19, DC18a, ESW+17, EAS+18, FG18, FJJ+18, FTK17, FRM+18, FMRS18, FPL+19, GQXL18, GLC19, GMLGB+17, GBIB18, GHYK18, GMD19, GCK18, GZW18, GLD+19b, HDKC18, HKA+18, Ham19, HZL18a, HZW+18, HAT19, HHW+19, HHK+16, HPP+18, HIA+18b, HNQ+18, HXL+18, HSS17, IJCR19, JKAU19, JYY+17, JYZ+19, KWK+18, KOT18, KCM19, Kim18, KLI+18, LKCS18, LKJ+19, LBD+19, LO17, LCY18, LDS+18, LYYW19, LZJL19, LRBW17, MWQ+19, MK17, MVL+18a, MGL+18, MLGBB+17, MMC+18, MDM+19, MGN+16, MPLM18, NSR+19, NJH+18].

Things [NNH+19, NWT19, OFD17, PC18a, PTD+18, PLMCM18, PC18b, QZM+18, RGN+18, RMSPP17, RACA18, RHPV17, RGM+19, RC18, RC19, SAGG17, SYJ+19a, SHS+19, SIT18, SWY+18, SYJA19, SDDG17, SSW+19, SCZ+14, SCG+18, TLS17, TLL+19, URKM19, WWX+17, WZW+19a, WZ18, WLZ+19, XWW19, YLYV15, YWZ+18, YCT15, YWLL19, YHA+19, YN18, YAP16, ZPPE17, ZAI+18, dFPB+17, uRYS+19].


TILE64 [LC14]. tiled [KWK16, PDK10, YDK11, KID+16]. tiling [YDT19, vWMBS14]. Tim [Her87]. Time [CWD+08, DFG+19, GBS10, JCMPC+18, JCA+19, MG18, NRV+17, RMA+18, SGH+08, SHL+19, ZWI+19a, AB19b, AQB15, AKG+17, ABP16, BKB11, BH03, BRR+04, BDHK06, BMP+16, CND+19, CCLS09, Che14, CRRC18, CKB+17, CC00, CDH+19, DFLO17, DT93, DGD+16, Dog09,
time-out [KSAOK03]. [LWW PGTBC18, Pfi99, PN09, RPA SS04, SD02, SST]

Time-aware [DFG LD04, MZH LFWV05, MFT JL03]. time-scale [ZJWZ04]. Toile today [HXY13].

Today [HXY13]. Timetable [BBI13, CLRL17, JLL17, RNJK09, SPSP17]. Timed time/cost-constrained [KCK16]. time-varying [KCK16].

time/cost-constrained [KCK16].

Timed [BP13, Pap05, PIKM02]. timely [QC18].

times [BBI13, CLR17, JLL17, RNJK09, SPSP17].

Timetable [WSZC18]. Timetable-aware [WSZC18].


TLS [DC17]. TMWSNs [MLW+18a]. TOA [HXY13]. today [MK16a, MK16b].

TODS [ZJWZ04]. Toile [BBG+05]. token [Ciu10a, Ciu10b, OMPSPL+19]. tokens [CJK+18, GXD+09]. TOLA [SZD+17].

Tolerance [PCBD99, AMR18, CdCD07, DSS07, GdVC10, LXJD18, LSTV07, MC04, NKP16, Sar02, SG05]. Tolerant [ACC+19a, SE19, AMH02, AFP07, AFB+10, BCh+08, CCL11, DZZ+13, DHB02, DK14, FD02, GCV+14, KL02, LCBF13, LHB95, LAM07, LS01, LYY+16, LS08, PWY03, PIP18a, RWY+18, SPR+10, TKH98, WHCW19, Xia06, ZTKX19]. tomography [FGCM07]. Tomograpy [LGZ18].

tomorrow [MK16a, MK16b, vdR87]. Tony [Her87]. Tool [LLSR02, AB19a, ABGC19, BGML07, DMRI93, FS07, FTH16, Ham17, KZLK06, LWHC07, MCG+15, NS17b, OS92, Reu03a, SB19b, SDST18, WSS+09, WBF08, WYN+90].

toolkit [AAI+19, CN92, GMD19, HAE+03, HBJ+03, IJLC03, LHWS07, SAM02, ZYB+18, MFE+08]. toolkits [YPF05]. Tools [CBS17, KV03, TBK+10, TA96, WRK+15, ACU95, BR92, BSG+05, BRN15, CAC+10, GLM+12, GD93b, KKay+17, MCSS00, SHP15, SP18a, TC06, WA86].

toolset [PTD+18, RSSD02, Tao10]. Top [CCJ16, MLW+18a, KMT14, MAD+16, TDRB18, ZCC14, CCHW03, RW18]. Top- [CCJ16, MLW+18a, TDRB18, ZCC14, RW18].

TOP-C [CCHW03]. topi [YTQ19]. Topic [AK18a, DL04, SZD+17, KH19, LDS+18, LZJ19, NO19, WJS+18, ZZJY16].

topic-based [KH19]. Topic-oriented [SZD+17]. Topics [FM17, PZY16, HO17, PPB16, PZY17].

Topological [AAC04, Bag19, SNXB17]. Topological-order [AAC04]. topologies [VS90]. topology [AAD+13, LPL+12, LKTC14, PRC+14, SHRE16, WXJ+16, EMHE18].

topology-aware [PRC+14, SHRE16]. Tor [WLJY11]. tort [Kag89]. torus [KD00, LOK09]. TOSCA [WBKL16].

Toshiba [Ama86]. totalitarian [JM02]. touch [Alp18, GCMC16, GCMC18, PDW+11].
touchstroke [Alp18]. Tourism [CT19c].
Towns [GMLGB+17]. trace
[KN06, PD11, SK06]. traceability
[Che18, WHS+18, XLL+19b]. Traceable
[LDZW19, QBW+18].
Traceable-then-revocable [LDZW19].
Traceback [JL14]. traces
[DMM11, PKB19]. tracing
[BK06, ZSBB19]. track [SSC+19]. tracker
[BMA18] tracking
[FAMA+17, JHC18, LWX13, SLK17, WJS+18, WWT18, YWD14, 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]. tradeoff [GLD+19b]. tradeoffs [KAEC+18]. trading
[Che14, GFW+18, HQ07, MVM+14, RT16]. traditional [GK18, KC98, QMSG12].
Traffic
[AT18a, BLO+18, DK17, EMHE18, Mid01, RN01, RGH+01, SNW01, VN01, ADOKM06, AS02, AC18, BMK+14b, CG09, Che13a, CAL+18, CS19, FTK+14, FAMA+17, HZL18b, JHM+18, JH16, KXS+16, KLJS19, KBDL18, LLZ+19, LSL+15, LWT18, LLZ+18b, LGZ18, LOK09, LFY+19, MG19, MRS18b, PGST18, RGS18, SLH19, SYL+19, TUR18, VVC+03, WLZ+16, WHBC19, WSY+19, XJZ+19, YCL+19, YSL19, ZCS+16, ZYK17, ZJW+14, ZMN19, ZWMC19]. traffic-aware
[BMK+14b, SYL+19]. traffic-indexed
[LSL+15]. Traffic-sensitive [DIK17]. Train
[MK19a, MWL18a]. training
[BLB03, EKB00, Gra01, Han03, IMKB89, RS98, DLB10]. trajectories
[CZZ18, NWD+18]. Trajectory
[WMBV17, DHW+17, FAJP99, KXS+16, SOR05, WSN18]. Transaction [Joh92, GXW+19, KJ11, KVvE18, LGW+17]. Transactional
[WZ13, GAYTC18, LAL+14]. transactions
[CLS+19, DR15, LAL+14]. transatlantic
[ABdL03, ABdL05, MMFM+05, RRS+99]. transbronchial [BD+10]. transceivers
[ABS+18]. transcoding [GFR+06].
Transfer [STP+05]. transcription
[MMF16]. transfers [TBD+02]. Transfer
[AMSPL19, NMZC06, BBD+99, HKU+11, KHH10, KKL09b, KMCH03, KB16, LCL+19, LRY17, LSD11, LKB18, MFL18, OS06, RSK16, RACA18, RLL+17, TZST14]. transferability [CLM+14a]. Transferring
[KLW+18]. transfers
[LBH18, DPBK16, WVPB12]. transform
[BWR12, BW13, GHEB+18, NUPA19].
Transformation
[BCL88, GHGP19, HQZ14, LZX19, LSL+16, MK95, PKP19, RM97, SR19]. transformations [CJXX19, DV03, DGA18, LTZ15, SSFF19, UMO2]. transformed
[SC19]. transformed-domain-based
[SC19]. Transformer [YYW+09].
Transforming [PSK+10]. Transient
[DRZ+19, AMR18, BHK06, EA13]. TRANSIMS
[RN01]. transit [AHP16]. transition
[GBY16, LXM+18]. transitional
[KRZ+12]. transitions
[DCK03, Fre94, KLC05, PM14].
Translation
[AMA86, ABF+15a, CGZ19, Mur86, Nag86b, NTT86, Nit86, Sim86, Uch86]. Transmission
[KESL17, WD+19, YZZC19, BWR12, HMA+18a, HYX+19, HJP03, KY85, PZ18, PMW17, PLP+19, SKF+09, TZZ+19, VSO4, YYL+17]. transmissions [HSP+13]. transmit
[HJK+04]. transonic [GL95]. Transparent
[MSI+12, CW+08, DW11, GTMZ17, KKK10, MGL13, ZW+13, vKvW13]. transplanting [KXJ+18].
Transport [HDC+94, AS02, CM99]. JHL+06, MKH06, ZMN19]. Transportation
[GCD+18, LNL19, AAA+19, NWL17, PLP+19, RN04]. transporting [CHJS+10].
twofold [LDJL19]. TXOP [HMW14]. type [BV04, Čie04, GGH19, IS18, L90]. type-2 [IS18]. type-theoretic [Li90]. typed [BM00]. types [SW17, YH18]. Typing [Goo02].


ultra-fast [VBL09]. ultra-high-definition [LRJ+06]. ultra-high-resolution [PDW+11]. ultra-reliable [GSC+19].
ultrasound [DNW+19, YTQ19]. unbiased [Bag19]. uncanny [CPMG19]. Uncertain [BN17, CAL+18, CLM14b, LY17]. uncertainty [Ano86i, CTV19, CAPG18, DM12, FZT+18, FB93, HFL+19, Kol18, LPBB+18, SPM86, TM05, ZMS+06, FW19]. uncompress [BD18, HKU+11, SKF+09]. uncorrelated [MSM+18b]. Under-fitting [MK19a]. undergraduates [BLB03].

understand [Eng14]. Understanding [CRE01, KCI19b, LG16a, SEMJ11, Ano85g, DM12, LMZ+14, NJ18, STG07].


up-to-date [Din99]. UPC [EGCY+06]. Update [GSD95, FS18, GZ+19, LT12, LYY+18, LGG+19, MCRB19, PWMX17, ZCL+18, ZWJ04]. Update-Based [GSD95]. updates [Kol18, LPY+18, SL19]. Updating [QCYJ17, LYL+19, WCM+19, ZDW+18].

Upgrading [WWC+97]. Uploading [CSDL17]. upon [PLLA18]. upstream [WLP10]. Urban [BAJ+19, KXS+16, ATM+19, BA17, GACM17, LSV+18, SSFFR19, SAG19, Tur18]. Urgent [BBKB18b, BBWB+18, KN+18, KKS+18a, LPK17, LPK18]. URL [LYS+19, LYC+19].

USA [vdR86b]. usability [APC16, GMB+05, GMM18]. Usage [CDL+16, EHI10, FD02, JOPW14, KI19, MM10, MMW10, PGPW09, RGAT18]. USB [CLK11]. USB-based [CLK11]. Use
[CTMO06, MCR+16, Niw89, Pip10, AR18, BSE+13, BKL01, CGCB+12, CT19c, HHSW92, JSK+06, JNPY06, Jon00, KMJ16, LNJ04, MJ00, Ser98, VHML11, VFHB14, VM03, WWA19, vdPGZ+16].

used [KMU19]. USEE [MZD+16]. useful [CN98, RCW+19].

User [AKB18b, Gra92, LJV+19b, PNZ14, SZK18, WZM+18, YHH+19, ZWJ19b, dNE05, vKvWD+13, ABZK15, ACL+18, AMQS+19, APK+18, AMB03, BvdV99, BFL99, BDWM17, aCKPM19, CFGM16, CHS11, DEL19, DRR96, DLLZ17, DGGH11, DMM+18, DYC+18, DgDL15, EKGS14, FK11, FTK17, FTD17, GGH+19, HCL+17, JRJ+11, KZA+18, Kam85, KJI11, KID+16, KKP19, KV09, KMK09, KBB+09, KGLY18, KLW+16, LJP+18, LHY10, LH13b, LHL03, LL+12b, LLGY18, LAS16, LZ+18, LZW+19b, MSK03, MCRB19, MBL+19, MLSI11, OAMS18, PLA18, PARFM14, PQBP17, PIP18a, PDW+11, QGT+18, RSSD02, RAA+18, RHR16, SBCF16, SSA+19, SRP19, SCN+14, SHH+19, SSS+19, Tak99b, WTTG+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 [DGGH11].

user-level [KMK09, MLBS11, ZLZ13].

user-orientated [ZDL+13].

user-oriented [BvdV99].

USERNET [KGLA85]. users [GCD+18, IG12, JER+16, KT08, Lok12, OS92, SCZ+19, SCH+17, VGD+19, YD18].

uses [Ano86i]. Using [AC92, AhdJF97, BB06, BCG05, CGM+07, CPP+18, Che13b, CdSDS15, CCHW03, CS97, Dal03, DvdHDL06, DBS14, Eng14, FDGR14, FR08, FMRS18, GTEL+18, GRZ+19, GMdFPFC17, GJKP18, HPGMM18, HGM15, HLS006, IJLLC03, KdGdL11, KKL11, KKA18, LTN10, LDS06, LFH+15, MRV92, OAMS18, PCC18, PGPW09, PBB+05, RMSPP17, RWV+13, Reu03b, RMCD12, RV95, RS98, SK97, SA19, STC15, SSC04, SBLT05, VFHB14, ZBF14, dSF+19, tTvH96, vDDBB98, vDHD+06, AD18, AAN+18, AsRA+19, AFO+18, AdI14, ABD+19, AAC04, ATFI11, AQAR+18, AEL+18, AHH+18, APK+18, AB19c, ABB+03, ACE02, AMPS19, AIB+18, AKM18, AKW90b, AKW90a, AS19, AEM10, AY16, BTG19, BA17, BAJ+19, BDE17, BC12, BLL+19, Bal91a, BDP11a, BG14, BYL+18, BvdHN+01, BRR+04, BBC+12, BKSS02, BR19, BRMN04, BG05, BMK+14b, BDG+19, Bi65a, BMP+16].

using [BK06, CT19b, CJPC19, CMX+16, CWD04, CSJN05, CWJD19, SLCD+17, CHJS+10, CHSA18, CY12, CPW19, CPK05, CH10, CFL+15, CLY14, CHS11, CWJ16, Che18, COC10, CXC+18, CKJ+18, CGSZ95, CRC+19, CFG93, CSQ17, DRZ+19, DNJG17, DP19, DC18a, DMM14, DNP14, EU19, ECPF17b, FE19, FC05, FLT17, FZW+18, FJA+18, FdAGdAFV19, FC09, FJ18, FZT+18, FAMA+17, FPFS10, FS19, FCD+14, GQLX18, GW+19, GHP19, GJGB19, GHP+18, GHEB+18, GBY16, Gil94, GVA+16, GCV+14, GD+09, GD03b, GGH+03, GGSZ09, GM11, GR+19, GMB19, GZWQ13, Ham19, HWS07, Han03, HJA+19, HSV+17, HUMA18, HCNT14, HBB09, HSB+18, HMA18b, HYX+19, HNQ+18, HQ07, HWZL08, HXY13, HBN+13, HZLH19, HAB+06, HKP10, ID+16, ILR01, JDFD09, JGBF18, JGB19, JP18, JHI16, JHC18, JLR14, JNR12, JOS19, KR19, KZLK06, KZG13, KMB+17, KLM+03, KM11].

using [KKYK04, KKP+05, KKL09b, KADJ14, KHO+19, KBdLG18, KFK19, KVHT10, KCH+13, KLV+18, KS18d, KS18e, KLW+16, LC17, LCP04, LL04b, LQK+16, LY17, LY18a, LYJ10, LZXW13, LXL+17, LJ18,
LLWW18, LYC⁺19, LD17, LH13b, LOJ⁺07, LCF11, Lin18, LLWN04, LYT⁺05, LH10, LSR11, LGY18, LL⁺18b, LJW⁺19a, LSW⁺19, LW⁺16, LLL⁺18, LKTC14, Luk89, LJW⁺19b, LT15, MLL15, MWL18a, MSS⁺13, MJJ⁺16, MK17, MCSS00, MBM18, MVG18, MJ98, MDB⁺18a, Mat18, MSBA16, MRH17, MC04, MK11, MDD15, MGA⁺18, MGLPPJ13, MBA19, MSM⁺18b, MRN19, NXS09, NS14, NK18, NNC⁺19, NSC04, NUPA19, NAAC19, OMKM⁺19, OMD⁺18, PZC19, PSI19, PSLZ18, PC18a, PA01a, Pap05, PPPS18, Pon19, Pri95, PRW14, PDDS10, QGX18, QTG⁺18, RdlSH⁺00, RBGA18, RRKA19, RJN⁺19, RLP12, RTHB17, RSK16, RSL⁺19, RGC⁺10, RKB18, RCD03, RSI17b, SCL18, SPT⁺18, SC19, SKT⁺08, SB19a. using [SZ98, SF19, SAGGB17, SPD⁺17, SMRM13, SH09, ST11, SW05, SVC⁺07, SLK17, SSA⁺19, SM14a, SPR⁺10, SGM11, SB18, SLS⁺18, SAR18b, SLL13, SF06, SCMS12, SHH⁺19, SKS17, SJV12, SSB13, TBS⁺18, TZA18, FT17, TKA18b, TV16, TS18, TCH19, UMHB19, VDPH09, VS13, VS19, VSK19, VBS09, WLZ⁺14, WMX⁺17, WCB⁺18, WCM⁺19, WNR19, WY19, WMA⁺19, WBKL16, WDD00, WFB08, WLA18a, WCC14, WTS14, WLS⁺18, WRL18, Xia06, XLZ⁺14, XSM04, YWJ⁺19, YJA03, YWJ⁺18, YD05, YLG⁺16, YSL19, YCZJ18, YWF⁺10, YK17, ZG19, ZMS⁺06, ZGZ⁺10, ZLZ13, ZWL⁺16, ZXW⁺18, ZGV19, ZZ19, ZZJY16, ZAC⁺18, ZSS⁺19, Zin18, dPFPG19, vVMBS14, vdv89a, vd04]. uterine [PS119].

utilisation [EPJ⁺05]. Utility [Pal16, PdAF12, BB12, BYV⁺09, FP13, GLD⁺19b, HIA18a, MSLP93, MPR⁺16, NK17, RZ16, VDPH09, Ven09, XY15, YVBC10, YK17, YNLY19, ZLL17a, GBS10, KLM⁺03]. utility-based [Ven09]. Utility-driven [PdAF12]. utility-privacy [GLD⁺19b]. utilization [DFC⁺08, GXL⁺18, LLC⁺14b, MDB⁺18a, NFO7, RSJ⁺14, TCH19].

Utilizing [GVI13, CZL⁺18a, HFM19, KTY03, SK19].

V [vdR87c]. V.1 [MCF⁺11]. V2 [CCL11].

V2I [SAH19]. vaccination [BOHCC17].

Vadera [vdR87]. vague [vdR87k].

Validating [LYT⁺05]. Validation [GHGP19, ZYA⁺18, Ho93]. validations [DC17]. valley [CPMG19]. Value [BT17, HA16, BH03, GAYTC18, HPZ18, VBV11, WHZ19]. value-based [VBV11]. valued [MZH⁺17], VANETs [SBK18].

VANETs [IOV⁺18, LWYS18, PRL⁺19, ROK19, SAH19, TA18]. variability [ASB18, HJA⁺19]. Variable [SCCS11, DRZ⁺19, FZT⁺18, RNNK09].


various [GGA18, LUX05]. vascular [S05b].

vectors [BB04]. Vehicle [SAH19, BBC⁺99, DOV01, DJH⁺19, HIC⁺94, OVDV98, TLL⁺19, XHW19, XZX⁺19, HLL⁺19].

Vectorization [vM94]. vectorized [LN94].

vector [BB04]. Vehicle [SAH19, BBC⁺99, DOV01, DJH⁺19, HIC⁺94, OVDV98, TLL⁺19, XHW19, XZX⁺19, HLL⁺19].

Vehicle-Assisted [HLL⁺19].

village-to-infrastructure [XHW19].

Vehicle-to-Internet [SAH19].

vehicle-to-vehicle [DJH⁺19]. vehicles [KM18, HAJ⁺19, JBM⁺18, KLM19, KLS19, LWZ⁺19a, LXF19, NLS19, WDW⁺19, XZQ⁺19].

Vehicle-assisted [KM18, KMR15, RQN⁺19, WSQ⁺18, BK16, FW19, LZY⁺19a, LLYW19, LLW⁺19a, SGCC⁺16, VCD⁺18, WLZ⁺16,
WSZC18, ZTKX19, LWW+16. vein [LWF+17]. vending [SDDG17]. ventricular [AFO+18, DNW+19]. VENUS [Mur86]. Verifiable [ABH18, CZZ+18, LLI+18, KKL09b, WCL+17a, WLXZ+18, ZZ15]. Verification [KYZ19, CY12, CMV18, DL19, EPB18, FLT+19, H0l93, LPMY18, LYZC15, LEW19, MKN11, MSR+19, TYH04, ZZ09, ZW10, dLLA93]. verified [HKJ+18, HHHL13]. Verifying [AH11]. Versatile [HTV07, SBD+18, ZWX+19]. version [JL95, LFVW05, QCYJ17, ZDW+16]. versioned [ED16]. versioning [HD16]. versus [BVDF00, BM00, FLN+18, GJS+94, MG19MT+18, NHT06]. vertebroplasty [WWPi19]. vertex [GL95]. vertical [FJL+16, KAEC+18, LLF+18b, Mca16]. vertices [LXM+18, WCM+19]. Very [Kh05, CWJ+18b, GLA88]. VHSCIC [Ano86m]. VHT [MYB1M18]. VI [HO02]. via [ATA19, AS18b, BBH18, BBN18, CZL+18a, DH16, DGA18, FB19, GCBM17, GD8+18, GLD+19a, GFF+12, GDAS18, HHG05, JHC10, LZT+19, LLS18, LEW19, MZH+17, MBC+11, MHA09, MYK16, NS19, DSL14, QCYJ17, RGM+19, SC16, SYJIA9, SAG19, WZW+19a, WJ19, XFL+18a, YHH+19]. viability [dACAM13].

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VSM02

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Williams:1999:FQR

Roy Williams, Julian

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**Wazid:2019:DSK**


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