Title word cross-reference

\((L, \alpha) [\text{SLW11}], 10 [\text{ABB} + 03], 16 [\text{Goo01}] \). 2
\([\text{AKB}18b, \text{AM}19a, \text{CEGL01}, \text{HvHAS04}, \text{JNR01}, \text{LGW} + 21, \text{NQH} + 20, \text{NCS04}, \text{RBS93}, \text{TJG} + 20, \text{VAS95}] \). 3
\([\text{AKB}18b, \text{BÖ20a}, \text{Bro19}, \text{CPD} + 15, \text{CH95}, \text{CLJM20}, \text{DJH} + 19, \text{EMB98}, \text{EdBG} + 99, \text{GWW} + 19, \text{HdAR} + 20, \text{HYRZ20}, \text{IdLR01}, \text{JZZD21}, \text{JL21}, \text{JHL} + 06, \text{KCK04}, \text{Kni89}, \text{KA88}, \text{MJ98}, \text{MJ06}, \text{NMRK21}, \text{QJZ} + 20, \text{RICW00}, \text{SGL99}, \text{SHN10}, \text{VF18}, \text{WKF03}, \text{XYZ05}, \text{XJY} + 18, \text{YMM00}] \). 4
\([\text{Avg00}, \text{DMM} + 99], \text{\$47.50} [\text{Teb86}]. 5 \]
\([\text{AT19a}, \text{DPK} + 19, \text{KSSR20}, \text{NLS19}, \text{YYS} + 19], 80/20 [\text{MRH17}] . + [\text{PYH} + 18]. 2 \]
\([\text{LG08}, \text{OSCY93}, \text{WTW} + 16, \text{ZY04}] \). 3
\([\text{LHM14}], \text{\$my} [\text{DGS09}], 3 [\text{TMDZ15}], \text{\$B} [\text{WCWC19}, \text{WCWC20}], \text{\$c} [\text{Bu18}, \text{LSZ} + 16], \text{\$D} [\text{PP06}, \text{SW02}], \text{D} \text{\$2} [\text{DRS04}], \text{\$\Delta} [\text{GLM21}], \text{\$diam log(diam)} [\text{SW02}], \text{\$\ell}_1 [\text{Tre03}], \text{\$\epsilon} [\text{GPS13}], \text{\$H}^2 [\text{LDCZ20}], \text{\$K} [\text{LYZ} + 19b, \text{PLL} + 18, \text{WGW} + 20, \text{ZLT} + 19, \text{ZZC14}, \text{CCJ16}, \text{HPY20}, \text{LRML21}, \text{MLW} + 18a, \text{MBM} + 20, \text{PSLZ18}, \text{Pan95b}, \text{SAKO30}, \text{SHDT21}, \text{STA17a}, \text{TDBR18}, \text{WFL} + 20], \text{\$\lambda} [\text{LY04}, \text{PTZ} + 20], \text{\$M} [\text{YH18}], \text{\$AVISPA } [\text{BGC} + 03], \text{\$\mu} [\text{JD94}], \text{\$N} [\text{Ref87}, \text{RW18}, \text{SvAS01}, \text{ZXM} + 19, \text{CFL} + 18, \text{Pan95b}, \text{SAKO30}, \text{\$\pi} [\text{TLC} + 20], \text{\$Q} [\text{CLL} + 18a], \text{\$R} [\text{CPK05}], \text{\$R}^2 [\text{TY11}], \text{\$T^2K^2} [\text{TDBR18}], \text{\$T^2K^2D^2} [\text{TDBR18}], \text{\$\tau} [\text{RGDML16}], \text{\$u} [\text{HZM14}], \text{\$w}^D [\text{Rice20}]. \)
\(* [\text{Vin16}], \* \text{AIDA} [\text{WM14}]. \)

.NET [AW03].

06 [Igl07]. Oth [RCMT18].


3 [LC17, YTH+84]. 3.0 [VEET18]. 3/512 [Cro95]. 37C [Cha14b]. 3P [CGS+95].


512 [Cro95]. 57.5 [vdR87f]. 5G [BBTC20, URN+20, AT20, ELAEAVAM19, HHZ91, LM20, LZGMVV20, MBJ+20, SCGV20, SNMWC21, URN+20, YGE21]. 5G-based [BBTC20]. 5G-oriented [AT20]. 5GNet [SNMWC21]. 5th [BYV+09].


72 [HYS18]. 7th [BGL08].


90 [AB19a]. 90B [OMPS+20]. 90s [Dub91]. 91 [Bo20b, DP20c, ZMZ+20]. 92 [GD93a]. 97 [Kaa98]. 98 [HZX+20, LJC+20, WWP20, WCWC20, YWG+20b, YTQ20a, YQT20b, wZcZN+20].

LWR+19, RJN+19, WLZ+14, ZCZ+18.
abnormality [GRS+19]. absolute [HKP10].
Abstract
[CPB00, DHS00b, GGC17, Némo00, RPF21, AC92, ACD+20, BM00, DV92, DHS00a, DK00, FTD17, WG00, YJL+19, dB90].
abstracted [AAD+13]. Abstracting
[MBGC20, CCMI20]. abstraction
[AFS16, KSM+07a, KSM+07b, MRV01].
abstractions [Kea99].
abuse [JSMG18, QRW+18]. AC [HMW14].
Academic
[Teb86, vdR87f, vdR87i, KLW+21].
accelerate [RGCC18]. Accelerated
[SLH+20, SGBC+20, FBMI9, HSP+13, JCP+20, LZX16].
Accelerating [CLDC19, FRB+14, GXW+19, GVCUGF20, VBL09, XJF+19, KKL11, LJW+20, WG+20].
Acceleration [GDEBC20, ABF+15a, HZDS19, VF01, XLZ+19]. accelerator
[LGW+21, YTW+20]. Acceptance
[SAP17].
Access
[AMSP19, AMR+20, BL13, BX04, DCMB15, HRR+14, KCR20, KRW+20, MDA+19, WZC08, YYK20, AS99, ASA+20, ASAA18, ABF+03, AMHJ10, AAG+20, BCN+19, BBTC20, BKHD20, BR18, BCW01, CWL+19, CC98, CJK+18, CCM+14, CF21, CdRRdCB19, DW11, DAM08, DLDTGMP16, Dog09, FXG+19, FLTQ20, FFAW20, FNA11, FX07, FS18, FSM+18b, GHMX10, HAJ+19, HZL18a, HLC11, KRD+19, KIS11, KHS21, LLMP13, LZXW13, LH017, LLW+18a, LLW+19a, LYYG20a, LYYG20b, LHC03, L Gilb18b, LL+20, MAC14, MYHZ18, MYBM18, MKW+21, MLM16, Mer13, NRV+17, NAT20, NJ16, NA19, PFR16, PSVLO2, PH07, QGT+18, QCX18, RPH19, SA19, SMSF18, Sin07, SCL14, SYK+17, SZR18, SKX+20, TLMP20, VPP+19, Wah84, Wah86, WC06b, WC06a, Wan18a, WG13, XYML19, YXZG18a, YWJ+19, YAX+18, YK20b, ZZ15, ZCL+18, ZZZ+21a, ZDW+16, ZFH+18, ZSL+19b, ZLS+20, ZMN99].
access-right [RPH19]. accessibility
[DFG+00, RMSPP17]. Accessing
[CLH10, YSC+15, YCY10]. accident
[MCA02, PWP+18]. accommodation
[LGL+20a]. accompanied [YW21].
according [ORPPG20]. account [WNR19]. accountability [CCB11, HCL+17].
accountable [Wan18b, XX14]. accounting
[BBC+12, PGPW09, SRG+03]. accounts
[LZP+18]. accuracy [DSM+19, ERL+20].
Accurate
[TMB+19, AOSA20b, BBL+05, CdST+20, CBC+20, SLS19, CSY+20, FZT+18, FWB13a, FWB13b, IDM+16, KSAOK08, MAPA19, NS17b, WN10].
Accurately
[CPSD18]. ACEIS [GACM17].
achieve [CWD04]. achievements
[Ano97j, Nis03]. Achieving
[DW11, GLD+19b, GE90, JLC18, KHG13, KRW+20, LSLS05, TSL17, VPP+19, XX14, YHC20, ZZX+19, ZJHW20, HRJ+06, NJHT11, WCL+17a, WHS+18]. ACID
[KJI11].
Acknowledgement
[Ano07, Ano08, Ano10, Ano11a, Ano12a].
ACM [BGL08, KZ17]. ACO [GPJC17].
ACO-based [GPJCI7]. Acoustic
[KWK+18, CJG+18, FZW+18, HAAWH+18, HST+18, TSD18, WCB+18, WTP+13].
acquaintance
[RQN+19]. acquisition
[AK19, BDZ13, JKS20c, LLS+19, XYLZ18].
across
[AM19b, BCPS03, CTVB12, GHW+20, HCB+20, KW20, LZX+19, LLM+16, LSMVML13, PBC+01, SG17, SFR15, Sin07, TMMVL12, UNM+16, WTR+13, ZZH+16, dFVPWHL+14, SMSF18]. Action
[UMHB19, BEL20, BH21, Cad86, GdBW06, KFP+02, LSH+20, vVDBB98]. actions
[ABG18, GIS20, SCC+19]. Activated
[SHJ06]. Activation
[TWG+19, SSZ+17, ZSO+20, ZBL+14].
Active
[BBG+05, CKK+04, KMI11, SFR15, STC15, WTL+20, BTP19, BGL+05, FGG13, HC99].
PvSS17, RBLvM14, SYYuR21, TAS+18, TGAP20, WWDF18, XGX20, XZZ+20b, ZGL19, ZZH+18. aggregation-capable [PvSS17], aggregator [LLQS14, RPP+20]. Aggression [SMU+21, KSDR21], aggressive [BMZdP21], agile [LG18]. agility [FLR+16]. agility-oriented [FLR+16]. Aging [FPR18, DLZ+14].

Aging-related [FPR18]. agnostic [KDQ+19, PTZ+20, TD21]. AGRA [CES+19]. agree [CAC+15]. Agreement [LYW+16, PB18, AQRH+18, APK+18, BGCL20, CDG+20, IOV+18, KLV+16, LMO7, LKA+08, MLC+18a, MJRM16, ODK+17, OSANAM19, PRS12, RZ16, YKL+07]. Agreement-based [PB18]. agreements [BSCC06, LJ08].

Agricultural [ZL18, CZH+18, HPZL18, LBJ+18, RWG21].

agriculture [APK+18, BNJ16, BW19, KH89]. ahead [Eng14, WYBS11]. AHP [ABMCC18]. ai [Pud87, CES+19, Fus93, KRA21, Lau92, LLT+19, LLW+20, MJO0, Oku92, Pol87, QLM+18, TC92, YWG+20a, YZS+21].


air-gapped [Gur21]. air-land [LLN+18].

Airavata [GRZ+19]. airborne [HYS04]. aircraft [TYWZ18]. airfoil [BBL+05, GKS05]. airplane [BGDG+20].


ALBUS [BHL+21]. alcohol [BAGRB+20]. alert [NJKH13, SSB13]. alerting [MVL+18a]. alerts [CPP16]. algebra [BFR05, BCG05, Dal03, DHD89, Ig07, JLR18, Lop03, MKM11, PH94, WZ16, vdV89a]. algebraic [Che13b, MDQ+17, SCC+04]. Algorithm [ABF93, CT19b, GAA19, HM+19, JGB19, MIP+18, PLBOC20, SE19, TA18, TKA18b, VSV95, Aba06a, ABMES18, AHEM17, AA18, AM20, ATF11, AIA+18b, AS19, AJPM20, ANH+21, AV16, Bag11, Bag19, BZYMY10, BMT12, CT19a, CPDJ13, CLOL17, CZY+18, CZL+18a, CLZ18, CVdRA+20, CCL09, CJ14, Che18, CFL+20, CWJ+18a, CGJS18, CCC19, CHY+18, CMZ+18, CZL+18b, DQXW19, DC19, DZXS21, DS04c, EAA16, Elg20, ESFD06, EA17, GKI20, Ger02, GB20, sGbKSS19, GPS19].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].

algorithm [LZG12, LWZ18, LLSL18, LW18b, LZA19, LZZ19, LZH+20, LCW+20, LZL+19a, LLL+19, LDW20, LC15, LWH+18, LJC+19, LLN04, LLZ07, LAH10].
VMN+18, WYBS11, WCL+17b, WJZ+17, WDD18, WWZZ18, WNR19, WGG+20, WG+21, WZ18, MLA17a, WLA18a, WCC14, WWZ18, WHCW19, XWM20, XL+21b, XY+15, XRP18, XHL+19, YWCC18, YHL+19, YJL20, YZZG18, YSZW18, YPJ+19, YDD+18, XXY+20.

Algorithm [ZRZL18, ZWL13, ZYCZ19, ZWH+20, ZWL20, ZL21, ZLZ21, ZBL+14, ZRZ+14, ZL18, Zi18, ST11, SMI01].

Algorithmic [CCG07, GTEL+18, AB18a, AB20, Hab05, WM14, Yos89]. Algorithms [ABMS05, BP20, Ber06, CCMGF18, CK20, DHD89, FTM20, MJDN15, RGCL18, ANE13, ACWJ19, AT01, AMČ19, AGKZ18, AB16, ACD+19, BPS06, CLCMG+18, CaVLC21a, CY+19, CKL20, CGM+18, CFG93, CSQL17, Cuz14, DE03, DP03a, DJ97, DRNMC09, Din99, DS20, Dog09, DMW04, DBT00, DDS00, ET08, ESPN17, Ep13, FK12, FGM11, Fio06, FM10a, GRH05, GCN21, GJS94, GDM98, GA06, GW20, GLJ19, HH19, HLVL+97, HKS18, HZ10, HV03, HNV+20, JS89, JOSD19, Kh12, KKP+05, KGT15, KVHT10, LR01, LCC11, LC+18, LKG08, LCO1, LAT+20, MCA+18, Meř17, MVCC10, NGCB20, NAD+18, RCJZ20, ST20a, SF19, SC16, SG13, ST99, TLYT05, VG21, VP20, VSDD13, WHW20, WLC+20b, WLQ10, WW+16, WXJ+16, XLW+17, YJ103, YKY+13, ZGV19, ZLZ+20a, ZLG+14, ZAC+18, LOJ+07], alias [MIWYC12]. ALICE [JCA+19, JCP+17].

Aligning [SBL14]. Alignment [MFE+08, CS05, KKvdB+17, KSM+07a, KSM+07b, Sch01, YD05]. all-by-all [BORM07]. all-in-one [RCLEB20]. all-optical [Pal06]. all-to-all [ZTKF17]. alleviate [DV13]. Alloc [QMSG12].

allocate [LLF+18a]. Allocating [MDD15].

Allocation [BEM+20, DFC+08, DXX+18, AOIS10, AJR+19, AAQ+19, AQ+20, AKA20, BAA+19, BAB12, BKG+20, BCDP12, CMX+20, CWM+20, CLY+20, CWL20, dCCDFdO15, DVB14, DVD12, DEG+17, EZTL19, EMJ+13, FDP+17, FEP18, GENC20, GCZ+19, HMH+17, HH+19, HDLW13, HLL+17, Hu20, HPLL08, IAL10, JSS+12, JMA19, KOT18, KJ19, KMCJ20, KKW+20, KA19, LHC+20, LN13, LPK17, LPK18, LL04c, LWD+14, LLZ+18a, LTTL19, Li20, LZC19, LSL+18, NGCB20, NCS12, PSSP16, PaASM18, PPL+15, QMSG12, QTGG+12, RCTY19, SP+19, SS21, SCMS12, TTH15, TSBH11, VDPHS09, Vau93, WC18, WY17, WCC+09, gWLW21, XGS+20, XSF20, YBQ07, YCY10, YSC+15, YLJL18, YC13, YW12, YJF+20, YZX+21, YMY+17, ZGL+18, ZXXL18, ZXY+20, ZLHX20, ZB19, YYW+09], allocations [SMS14b]. allowing [VRG16]. almost [LD04]. ALOHA [PZH20]. ALOHA-based [PZH20]. along [DFL07]. alpha [WLYL20].

alternating [CFL+20, SMC18].

Alternative [BDL06, DFT92]. alternatives [CHK13]. Alvey [Ano87a]. Alzheimer [NDZ+18a, NDZ+19, ESSS+21, KKP+05, NDZ+18b]. ambience [AM21]. Ambient [SMY20, VTK+19, YGSL16, CRC19, FKT14, LHF+20, MLG+17, NPH19, OdI14, SJS19, TF17, VRG16].

ambulance [KKS+18a]. ambulatory [XLS+21]. AMD [DRC+19]. ameboid [Len01]. America [GDCG20, PKP19].

among [CMF+21, ELv+96, GSY+17, HS19, LLF+18a, SAGB17, SCZ+19, SSS+21, VGD+19, dFPFG19]. amorphous [Ole07]. amount [PCB99]. amphibious [LLN+18]. AMPIC [CHW03]. amplified [GdAO20, SLDK03]. AMROEBA [MGY06].

Amsterdam [vdR87c, vdr87e, Ano86i, Ano87a, Ano87c, Ano87l, Baa87].

analgescic [WV019]. Analyse [ACMM19, Bel16]. analyses [ATDC+16, GCBM17, JHC10, OdO+13, SBA+17].

Analysing [BDP11a, WTP+13, CFC+20]. Analysis
[AM17, BBC+17, BHE+19, BGC19b, CMEA+19, CKL20, KVR15, KCH+13, KKA18, Li15, LRYJ17, LQ20, MCA+18, MG16, MCRB19, MKS+19, PRPPFLR20, SAKOK03, SYG+17, SHL+19a, SB11, TQC20, WTBG+14, WCWC20, AAYL19, AGDS+21, ASV+13, AS02, AB18a, ABB+03, AMR+19, AMW99, ABG17, ASYF18, AMC19, ABK94, AGKZ18, ATX13, AAS+19, AAI+19, AEME+18, AR20, Bag19, BCCS20, BJF+20, BNA+21, BBM20, BLMT20, BCT+07, BPP+07, BSRR18, BAGR+20, BBC+13, BHL+20, Bo19, Bo20b, BPS+03, CSV+12, CA15a, CaVL21a, CP06, CCR13, CFM17, CGIP14, CPE+17, CDG+20, Cha15, CHC+17, CLL18b, CRYG18, Cho04, CWUS19, CDMR19, DMC+19, DZH18, DNN21, DCBF19, DVT+20, DMP19, DDM17, DSW+20, DMM+18, DNW+19, DDL01, DMM14, DZLA19, ETR+13, FAB+18, Fab98, Fer13, FNA12, Fo06, FIABC+20, GI07, GWZ20, GF21, GHMX10, GDCG20, GAB+14, analysis [GL05, GHP+18, GLNT13, GBY16, GRM18, GPJC17, GMP20b, GRX19, sGKB19, GR+19, GHG+21, HHL11, HNP05, HKM+06, HPP+18, HAM18, HMW14, HXZ+19, HXZ+20, HOV0, HLL12, HJK+04, IPCA+16, JBC16, JAa09, JLS19, JYX+19, JSS+99, KZL06, KI19, KPS18, KN06, KC17, KBM21, KV03, KU01, LCGP19, LS+18, LOR+18, LZL+20, LWV+18, LCH+19, LOK09, LQF19, LWR+19, zLsZjX20, LZX+20, LGM02, LC20, MLL15, MZH+17, MFC+19, MZP+19, MT17, MH+20, MSA+19, MK19a, MH+19, MEB21, MMC+18, MSM+18a, MBL+19, MK06, MS20, MLZ+00, NRM20, NJW+06, NK16, NJ17, NAM+19, OKF10, OMPSP+19, OMP19, OCBO20, OCCK14, PVN+12, PWV+12, PBL+18, PH07, PABA20, DLS14, PTA+18, PPS+18, PS20, PR20, Qin07, RJN+19, RL98, RHH+19, RS16, RRV+20, RAA+18, RLM18, RGCL18, RHM20, SP18a, SVF20, SOR05, SOA17, SHN10, SVB+19, analysis [SG17, SBF+21, SWW+13, SLS+09, SAG19, SK06, SDV+21, SCC20, TSD18, TBK+10, TLS17, TBR+19, TM19, TKTG19, TSGV19, TAM21, TA21, TBNF09, TIA21, UC20, UAS+20, VCL+19, VMM+20a, VPA20, VBL09, VR12, WJS+18, WDJC18, WXZ+18a, WYJ+19, WZH+19, WZY+19, WGW+20, WMA+19, WSS+09, WZL18, WCWC19, WBF08, WLA18b, WZ16, WWA19, WLZ+19, XFTZ16, XL19, XCB+20, XW21, Yam89, YPCK12, YWS21, YPJ19, VYK20a, YPX+20, YJP+20, ZZD+18, ZSX+15, ZWZ+18, ZWWL18, ZM+19, ZRZ19, ZPLQ+20, ZMZ+18, ZJW+04, ZWJ19b, ZXL14, dACAM13, DD+13, analysts [SOAP17, analytic [LJC+19, MMVP13, Analytical [ACG+20b, JAA07, ZY04, CPBC16, GSW12, JS13, KSIO03, PBA18, YG21, Analytics [BP20, DP20c, MGL+18, PN13, Sha20, UUK+21, ABD+19, AAA+19, ATM+19, ADLM18, BAL7, BAJ+19, BMP+16, CaVL21b, CZZL18, CMP+17, CFÄ+20, DP19, DGC21, FSV+19, FFGP+19, FRM+18, GQLX18, HBB+21, HHZ16, IDN+20, HAI18, JKS20c, KPB18, KMST19, LJI9a, LCI+20, LHP+19, LCI18, MID16, ML19, MAC+21, MDT+18, NFK+20, Osm19, RBLD21, SAT20, SSA+19, SKH20, SG19, SVN20b, SJA19, WSQ+18, WHY21, WLH+19, WXZ+19, YSHM19, ZZH+16, ZWQ+19, uRYS+19, uRLW+21, analyze [BPAP20, C2P+20, RWV+13, Analyzer [ELS20, VM20b, VOV17, SHL13, Analyzing [AT01, CRB+16, CLBS13, GNF+20, HSB+18, PLL+18, RPdVR20, WYG+20, HH+19, HHH+12, UZ11, WWSL19, WW20, WML14, YDL+20, anatomy [YCG+20, anchor [SZO+20, and-or [GC94, AND-parallelism [ZS90].
LPD+13, LBB+19, Low05, MDT+20.

**Application** [MAB+20, MM03, MBD+20, MSM+18b, PO00, PAL+19, PGTBC18, PPJ05, RBN13, RRS99, RVC16a, RMPG10, SRZD15, SM03, SEMJ11, SAMN02, SI18, SGDMM96, SM+20, Shi92, SSL13, SLS+09, SCJ+19a, SLZ95, TDFZ18, TOD17, TMW+17, VTTK17, VCL+19, WLYL11, WWD+14, WSL+19, WBF08, WHL+19, XLL+14, YSC+19, YZWG18, YY11, Zha20, ZL21, ZST+20, ZJW+14, dCR+19, ABS11, BBC+99, FCD+14, MS01, YPF05].

**Application-aware** [RMDB18].

**Application-based** [WW+14].

**Application-defined** [MAB+20].

**Application-driven** [MIMS20].

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

**Application-Level** [PRF04, KKK+19, LBB+19, RPMG10, SRZD15, SEMJ11, SSL13, WLYL11].

**Application-specific** [Deh20, DR05, HAB+20, KANS18, WBF08].

**Applications** [Ano86i, CHK98, CSP98, DDM+08, KLM+05, MG18, PN13, RC18, RC19, SZW+19, WHW17, YMY21, ZTP20, ZLZ18, ZLML20, ZYA+18, dRSBH94, AHS+18, APpz17, AOI10, A003, AAA20, ALTG19, AB01, AUSA19, AC+11, AK20, AKCY+17, ATJ17, ABS+18, AAS17, AUH+19, AHI11, AJY12, AS19b, AD00, Ano87b, ACCM19, AB16, BMRW01, BWF03, BG14, BKS+18, BC15, BC17, BHKD20, Ben99, BPS06, BDNP13, BB00, BKSS02, BLAV06, BCW01, BCG05, BF02, BFW+03, BGK+05, Bic05b, CGN18, CGCB+12, CVKB12, CTVB12, CTVN9, CLCMG+18, CaVLC21b, CPGBC16, CSdCM+17, Car03, CSW06, CRVZ15, CBK+01, CA15b, CMZ95, CCL1, CMNK19, CES+19, CXL+17, CW13a, CGL15, CGSV17, CCW03, CdO20, CN98, CRM05, DQC+19, DZ98, DHB02, DST10, DST14, DRGC+19, DMG+08, DFG+00, DCZ20, DMM+18, DPL14, Dub91].

**Applications** [EAS+18, EAED18, EMB98, EET18, EO68, EM+13, ECA+18, EKGS14, ETR+13, FG18, FTP14, FRM+18, FH+99, FS07, FCC12, Fr14, FM10b, FdSC07, FSP+18, GVRUVB14, GBS10, GAW+18, GKB+20, GRN20, GHD19, GHMW94, GHEB+18, GAJP18, GMD19, Gl85a, GKW+12, GMA07, GMB+05, GIM16, GIK18, GVD+03, GPS+17, HY09, HGG+14, HC17, HBB20, HRSW99, HM+19, HPGMw18, HKT10, HXA+17, HHW11, HSC15, Hua05, HM06, Iglo7, IDCJ11, IDM+20, JYSH20, JAS+20, JOPW14, JP18, JQL18, JMAG19, JBP+18, KT08, KA09, KZL06, KMB16, KWK+18, KK19, KZ14, KC14, KST92, KSC+19, Ks02, Kol18, KMK19, KBU00, KAS+18, KFK19, KPP00, KB09b, KKK17, KKKM18, LB03, LC04, LJW13, LMZ+14, LRY17, LTT19, LWTL19b, LXH+21, LCL14, LZYC13, LZX16, LBB+19, LGM+20, LZHY19, LS08, Luk00, MTM08, MMH+20].

**Applications** [MBB10, MFN13, MWC+03, Mam09, MVRM08, MAJD18, MC10, MBF+20, MLD08, MVT+99, MZL+19, MM08, MAD+16, MSM+18a, MFE+20, MTH+05, MDD15, MEC+20, MRL14, MND+19, MPPF19, MLZ+00, MMRL17, MVC+13, NF13, NAG18, NS10, NHG06, NLV+19, OGO+20, OWX19, OS01, Pal06, PSAL20, Par94, PKY+17, PC17, PRL+19, PMPC13, PVHTP19, PBHK01, PA01b, Pro07, QCY17, RRS10, RBJ+13, RBS93, RMCN+10, RVC16b, dRR+18, dRR+18, dRR+18, dRRdQGR18, dRRCgdc20, RSJ+14, RBC+15, SHZMA21, SACN+21, SB19b, SHN10, SBHD08, SG05, SBD+18, Ser95, SY04, SD06, SPR+10, SJ18, SNC18, STB+19, SB17b, Si12, SLS+19, SSKK13, Slec14, SL97, SPM86, SLJ+06, SG14, SSCO4, SPEW09, SDA21, SSK+08, SK19, SCL+19b, SSMG95, SHY+21, SVN06b, TQZ18, TW20, TKA+18a, TKTG19, TVB18, TAHS14, TJLT00, TBB+17, TCBC18].
applications [TSB18, TGM+19b, TSB20, TSAER18, URKM19, VCK12, VETT16, VL19, VSKS19, VMV20, VRS+19, WYBS11, WTM+17, WJS+18, WY17, WLW+19, WLD+20b, WS05, WL05, WCVL12, WBLK16, WOPW13, WG13, WWT+16, WHYZ17, WPS+18, XYLZ18, XLZ18, XLL+19b, YZC+19, YHJC05, YNSM12, YFY+13, YWCC18, YTW+20, YJHZ14, YLC+06, YAZ+20, YZS+21, YL16, ZME+15, ZZ15, ZCK+15, ZCS+16, ZZC19, ZHW19, ZWA+20, ZXY+21, ZBB09, ZSMS18, ZBF14, dSFP+17, dFPFG19, dKdOS03, uRLW+21, vdR87c, vdR87d].

appraisal [OBK88]. applied

[ACG+20b, DDD+13, KG01, MGMT18, SSFR19, Szu98, WAE06, ZPPE17].

Applying [CLLCK20, CFVP03, SHDT21, UB07, ACM05, KNi+18, MEE04, OCdAM07]. Appraisal [Tic93, vdR93b].

Approach [ASAM20, FZ20, SAH19, SK21, ArH+20, ABZK15, ABDH19, AMM+20, ARP+19, AR18, AGYS20, AIP+19, AEGF+1, ACSDR17, AGP+92, Ale97, AAP21, AVPV17, AL18, ACC20, Ano12r, ASY+18, APC+20, AB17, AB18c, ABN19, ATX13, AMR18, AMBC19, Bae14, BBD+19, Bal16, BBWB+18, BRXS11, BFS+17a, BFS+17b, BK20, BP01, BRS04, Bel16, BRH18, BAC02, BMZ10, BS20, BRB19a, BCP03, BVD00, Bu18, CQW+19, CGCB+12, CWD19, CCR13, CA13, CFG+19, CPK05, Cha11, CES+19, CAL+18, CLZ+20, CPT+20, CLY+20, CMP+17, CM99, CTV19, CGM+19, CD020, CDRS20, DEL19, Del06, DS00, DFW+17, DAM08, DAI6, DV13, DLDGMP16, DMM11, DSW+20, DC18a, DDM10, DLXR14, DSDN+19, DPL14, DC00, EG18, ED04, ECA+18, FTK+14, FP2H+21, FJL+16, FEPC18, FPFD14, GS20, GEN20, GKI150, GDGCPV21, GPRM21, GRN20, GHEB+18].

approach [GAJP18, GGK20, GF+20, GDP20, GLD+19b, GLW+20, GNGG17, HAAH05, HO17, HDKC18, HBEK20, HAK+21, HHL11, Ham17, Ham19, HZC10, HLYW17, HSBE19, HBBH9, HHK+16, Ho93, HFL+19, HZ19, Hua10, HQ10, HZ16, HHL20, ICBB20, JYSH20, JTG12, JLCC12, JHV+20, JS13, KSS11, KZA+18, KTKN11, KKB14, KJ11, KSA+20, KA08, Kho21b, KNV20, KK14, LBD18, LA19, LY17, Li09, LC05, LRLW13, LXL+17, LPY+18, LW+18a, LQW+20, LDJ19, LRMS19, LW+12, LSL+15, LHW+18, LLZ20, LCDZ20, LO19, LCCM18, LK17, LSGA20, LGMV02, dSMAdR17, MD92a, ML11, Md0O+17, MdMMNS+19, MBZ+21, MCT+09, MZC08, MEBA12, MeC96, ML08, MSBA16, MHZ18, MFE+20, MBL+19, MC04, MMBD20, MBGC20, MSS+16, MAB+15, MEC+20, MSM+13, MMRL17, MAQ+20, NSR+19, NS17a, NMRK21, NSP07, NJH+18, NGB20, NKB+20, NNUV20, NKKH13, Nos98, OMKM19].

Approaches [ORLV20, ODC19, PZC19, Pal13, PC17, PNN+14, PSY+19, PVHTP19, PS19, Pn019, PDW+11, PBP16, PPJ95, PA01b, QZD+18, RA1K18, RGN+18, RMC20, RDSA18, RLP12, RSQ21, RAS+20, RPP+20, R17, RW+19, RBW20, SSCH19, SK20, SBCF16, SSFR19, SCAB20, SD18, SAM+19, SB97, S121, SM14a, SJS19, SCZ+19, SEP19, SSI19, SGJ18, SCMS12, SBA+17, SMM+14, SRK18, SL19, SK19, SCJ+19, SLL+17, SAC11, TOM+20, TM19, TV16, TAM21, TOS18, TSM+17, TCCW19, TC92, UZ11, UPP17, Var03, Vn103, VG1G16, VOS08, VV16, WN10, WY19, Wn20, WXZL11, XJF+20, XL20a, YAO14, YP12, Yos89, YZ12, YNL19, YNK+20, ZBC17, ZYB+18, ZZJY16, ZS90, ZW+18, ZL04b, uRK1+21].
Approaching approximations [CAC+10, LZCGMV+20]. approximate [DGK+20, DK+14, FSD+14, FFW+20, GPS+13, sGbKS+19, HMA+21, MM+03, SK+19, WLW+19, YDQC+19]. approximating [SK+04]. Approximation [Tho+06, BTG+19, SC+16, Tab+06, WYG+20]. approximations [Gue+01]. аппы [AMRM+18, BHL+20, DC+18b, MS+20, PZ+19, WLW+18, WTT+19, HXC+18]. AppTCP [WWD+14, April [Ano+21j, Ano+20m]. APT [DC+18b, ZCW+19]. APTs [LA+19]. AR-RRNS [CBT+19].

Arabic [ALS+21, AJJ+21, OCBO+20].

arbitrary [kHsZ+18, JLL+17, VMRS+12].

archaeological [LKK+13]. ArcheaSTOR [GML+13]. Archeological [GML+13].

Archit [TM+19]. architect [GLSV+07]. Architectural [GS+05, KR+14, GBI+13, LLE+19, LTZ+15, Niw+89, QCD+16, SSK+08, TZZ+18, TSO+15, ZZ+21].

Architecturally [Cha+20]. Architecture [ACC+19a, CBS+17, FP+03, GLM+12, Ger+02, Her+84, HKT+94, MSV+20, MBM+18, PGCM+19, RSR+88, SL+18, SR+20, ZDL+13, ZLG+14, AAA+20, AKB+01, AG+92, Ad+14, AK+20, AM+21, AGP+92, AM+99, ACD+20, BCB+17, BLO+18, BZZ+20a, BOC+05, BCC+17, BRH+18, Bh+95, BDGG+20, BGL+05, BHD+14, CST+91, CDF+05, CBK+01, CFC+20, CJ+14, CWW+13, CWW+16, CS+96, Deh+20, DVD+12, DGG+17, DJ+13, ED+13, ES+94, FNA+11, FRM+18, GDJ+13, GD+05, GIK+18, GSY+17, HIA+18a, HDO+16, HHS+98, HSG+20, H002, HML+07, HML+09, JYY+17, KR+19, KSI+11, Kat+04, KSS+19, KB+18, KLH+04, KKK+07, Kim+07a, KIm+07b, KOb+92, KGL+85, LG+08, LBJ+18, LLW+12a, LKN+13, LFP+17, LHL+03, LRC+18, LML+19, LJ+20, Liu+21, LMA+19, LMC+19, LHBC+16, LzZ+20, LYH+19, MH+01, MVL+18a, MPCA+15, Mar+90, MPF+16, MRH+17, MHA+08, MPP+09, MRS+18a]. architecture [Mur+88, Ném+00, OB+88, OFT+09, OGB+18, PO+00, Par+06, PSW+14, PSR+07, PSA+09, PBC+11, PPM+18, PMLV+13, PSS+01, PSB+15, PTZ+20, QHE+20, RBG+18, RSL+21, RHP+17, RCR+21, RCOP+11, RHI+20, SA+07, SZ+05, SSO+02, SKG+10, SVN+20a, SP+18b, SH+20, SHJ+06, TST+16, TJJ+00, UK+19, VG+21, VET+16, VMM+20a, VDK+12, VHF+14, WZW+19b, WSH+16, WZ+16, XWW+19, XGS+20, YAJ+15, YS+16, YCX+05, YCS+20, ZMP+10, ZFM+20, GML+08, STH+20].

Architecture-based [ZLG+14].

Architectures [DO+15, HYZ+16, HV+84, P99+9, TKR+14, VDT+12, BFLL+99, BSC+06, BFP+18, BW+95, BPC+14, BSG+05, CA+15a, CDG+14, CG+09, CPG+14, CIST+20, CCL+11, CPSR+14, Din+91, DLH+17, DDB+14, DM+12, EBC+18, FFC+12, Gii+85b, GRCP+17, GLJ+19, Her+87, IS+18, IGB+14, JP+17, JBA+94, Kn+94, LX+13, Lop+96, Lop+93, MAC+14, MCA+18, MSL+93, PSSP+16, Pa+13, PMCC+18, PPPS+18, RC+18, RC+19, SB+19c, SGdM+96, SCAC+19, SMBM+18, TR+85, UVW+92, WBT+05, ZMN+99, dLB+10, uRIW+21, vM+94]. archival [SGP+20a]. archive [Fin+99, GML+99, ILJ+08]. archives [AMW+99, HC+99, SB+99]. archiving [PCM+99].

Ardent [LM+09a]. Area [AS+18a, PP+10, WHF+20, AL+14, GGH+06, GGSZ+09, GG+10, HAB+20, HLW+17, LCBF+13, LR+06, LWS+17, NAGD+18, OS+01, PSVL+02, RRS+99, SCS+18, VBS+09, ZGV+19, rdR+87]. areas [Hab+05, RAA+20]. arguing [Sch+00].

Argument [SWC+95]. Argumentation [DKFF+18, QAMS+18]. ARIANE [BPAP+92]. ARIANEXPERT [BPAP+92]. ARIES [BDM+20]. Arigatoni [CCL+08].

arithmetic [FG+03]. ARMs [OBG+18, RRP+14, SGN+17, ZY+20, MGG+20].

ARM-based [OBG+18, RRP+14].
Armada [OK02]. ARMCO [PPB16].
ARMOR [MML+18]. arms [Poh87].
Arranging [Leo98, GVdBLA15]. Array
[CCW88, VV92, KSC20, Mur88, Pan95a, PHL98, WHZL10, CSV+19]. arrays
[Di89, EFDO0, Van92]. arrhythmia
[MdMMN+19, SD18]. arrhythmias
[AFO+18]. arrival
[CL20a, MRN19, WMLS14]. ARS [TSK03]. art
[CsZzG+13, IDM+20, LCC19, LZZX20, SGP+20b, SJV+15, Van87b, VLC03, dCTVC18]. arterial
[DIK+06]. arthritis
[YTQ19, YTQ20a, YTQ20b]. arthroscopic
[Bo19, Bo20h, WWSM98]. article
[LZL+20]. artifact
[KYZ19, ODET21, XLS+21].
artifact-centric
[KYZ19, ODET21]. Artificial
[All92, Ano84e, Elg20, InRJ+21, Kow85, LFY+19, LCLAI21, Sch85, Sha20, SRP20, SLS+19, vdr87a, AGD+21, Ano86l, BZMY10, Che18, CZZ+18b, DSW+20, ED04, EOS6, GJKP18, HXXW18, How91, HLZ18, JL98, KRLR01, Kow84, KS18c, Lop96, MSLJ20, MGA+18, Niw89, RAA+20, RBC+88, SMS+19, Wii84, XLIW+17, YZWG18, ZL21, ZNZ04, vdr87b, Ano87b, Ano87c, GKT15, vdr87c]. artistic
[UNM+16]. Arts [BHD09, VP20]. ary
[Pan95b, SAKOK03]. as-a-Service
[ACC+19c]. ASA [SCH+17]. ASIMOV
(CG21]. ASAP [ABF+15a]. Aspect
[MWQ+19, GDCGV20, MZP+19, YPX+20]. Aspect-based
[MWQ+19, GDCGV20]. aspect-level
[MWQ+19]. aspects
[AR18, BBvdB+11, BCPS03, CSL18, LLRS94, Lop30, MZP+19, MZC10, QCD16, RGH+01, TIA21, WM14, vdV89b]. ASPenn
[LMM09a]. assemble [LAS20]. assemblies
[RSRA18]. Assembly [KM01, DCMG20]. assess [FFGP+19, Kim18]. Assessing
[PRL+19, SG15, ZGS+13, RJM+21]. Assessment
[FW19, PM04, vdpGZ+16, AB19a, ABGM19, AJ19, ACSV18, BBC+17, BARGRB+20, CCL19, CHJ+20, FJA+18, GAMC19, JZZD21, KNRI21, KHG+18, LCGPC19, LZT+19, LWZ+20, LJ21, M21, MBD+20, MLZ+00, PRSR14, PB18, PKA19, PVA+20, QC21, RHH+19, YYS+19, Zhu20, ZL04b]. Asset
[PLL19, PMMG+20]. assets
[GTM19, WHJ20]. assigning [HCL+17]. assignment
[ACG+20a, ADOB18, AAM+16, DLXR14, FGW+19, GCT+20, GZF+20b, HYG+19, KMT14, KRZ+19, LTB12, LXD17, LHC03, MC00, RS17a, RN01, THKG98, TRF01, TdPF+17, VAdIP12, Var03, VTTK17, WZM+18, YHW+20]. ASSIST
[Ueh89]. assistance
[Oly89, SOR05, SZD+17, Tak89b, TD95]. Assistant
[VKT+19, FGW+19, HIA+18b, KFF89, LCMX16, SNC18]. assisted
[AQN+20, AKJ+20, BKHD20, BRM+20, BDS+10, CDG+20, CHC+20, CCC19, FKT14, FFL+19, HMA+18a, HDMW13, JY+19, LZY+19a, LCC13a, LBGL20, LKG08, LNY+19, TL+19, NAT20, NDA+19, RK20, RSK16, SNM+20, SJA19, TMB+19, VRS+19, WXLYL15, WXZ+18a, WLAC20, XLCB20, ZY+18, ZWQ+19, ZA20, HLL+19, WML17]. assisting
[LSGA20, SGRT19]. Assistive
[KPG19]. associated
[CHG+20]. association
[AVP17, EBOY14, LHW+18, LWZ+19b, PGCML+19, RAKJ18, SA97, XL19, ZDW+18]. associations
[GJ18, KZCW13]. Associative
[CC98, HMWW19, NS84, SSZ+17, Ami90, CMP+17, TM20, WGL92]. assortment
[SSHC19]. assurance
[SC11, JRW+20, LW+12a, WWR016, WLW+19]. Astronomical
[SB99, GML99, OFO+99]. astronomy
[HJPS03, LMB18, PPM99, SLJ+06]. Astrophysical
[CIB+20, RBS93]. astrophysics
[LKA+19, MGC06, BAD+05]. asymmetric
[CRRY81, ZZX20]. asymptotically
[CR04]. Asynchronous
[SMD01b, AT01, CCL11, DOV01, ESF06].
attribute-based [ZWL17]. attributes
[BSF+17a, BFS+17b, VLN09]. attribution
[ATT+20, MTM21, MIil11, NAAC19].
Auction [ZBL+14, AKA20, AYY+20,
IAL10, SS21, YLJL18, ZXLZ18, ZYY+20].
Auction-based [ZBL+14]. audiences
[PNH99]. audio
[BDMO11, LYXT14, MSK03]. audiovisual
[HZPS21, VWD+08]. Auditable
[ED16, Yue20]. Auditing
[SK07, BSCC06, FBL+20, GKB20, LYY+18,
YNY+14, YXA+16, ZWW+20a]. auditory
[CPP+18, YXY18]. augmentation
[AGKZ18, GBRM18]. augmentations
[YLGG21]. Augmented
[MH+20, SJQ20, BB04, CES+19, KMV+15,
LZ+19a, RSMPP17]. Augmenting
[HMZ18, GKB+20]. August
[Ano19q, Ano20w]. AUGUSTUS [SLS+09].
Aura [HHK18]. AusPlots [TSTL16].
Australia [AHN21]. authenticated
[CDG+20, ODK+17, OSANAM19, PPG19,
XWW+20, YZL+18, Yue20, ZXWA18].
Authentication
[AMSpl19, ASO14, ABB19b, BDFP05,
HOV20, JLX+19, AMN18, AMKC19,
AHM+18, APK+18, AIM+19, Alp18,
AKB+18a, BK19, BD+19, BBTC20,
BDM+19, BLAN+16, BGCL20, CJXX19,
CSH11, CBN+20, DEL19, DAT21, DLL20,
ED19, FHZW18, GHD19, GAI+18, GLB+18,
GZG20, Ham19, HZW19, HMT+20, HLC16,
HZ20, HPL+19, IOV+18, JKAU19, KK20,
Kv+E18, KLV+16, KLV+17, LC17,
LNK+18, LWK+18, LW19, LJJ+21, LHM14,
LH3b, LH03, YL15, LNY+18, LWF+17,
MCN+18, MZL+19, MR00, PYH+18,
PLGMCDF18, PCK19, SGGCR+16, SCS+18,
SYW17, TA21, VCD+18, Wan18b, WYW21,
WDKV19, WLS+18, YHL16, YHC20,
ZZY+19, ZLY+19]. authenticators [SYY+17]. Authenticity [CBD+05].

Author [Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a]. authoring [Tak05]. authorisation [Bdl20].

Authoritative [WMA18]. authorities [HWWW04, YYN+20]. Authority [RMA21, ZZ20b]. Authorization [GdvOT03, KWR+13, ABTF16, ACC+05b, BPC+14, CHC+17, CZZ+18, CBPP18, CBN+20, DLLZ17, GXX+09, GvBDL15, GGM+19, HHD+12, LC05, LXZ+18, MHL+20, PBC+11, SBL18]. authorization-security [ABTF16]. authors [AK18a]. authorship [AsRA+19, MTM21]. Autism [XLCB20].

Auto [WLL16, DWS12, EPB18, KTTK17, LCL+18, LMA+19, RSL21, RQS21, RSY+18, SS19, TV16, dACNC16, vW19]. auto-encoder [LCL+18]. auto-resilient [RSQ21]. auto-scaling [DWS12, EPB18, KTTK17, LMA+19, RSL21, SS19, dACNC16]. auto-tuner [vW19]. autocorrelation [DH16].

Autorama [BR19, UMH19]. Automata [TS09, TA18, BMP01, Ban02a, Ban05, Bog99, CM99, CBBD16, DS99, FW02, GZO4, HRSW09, JM02, KCT99, Mar02, PRN14, RGAT18, Ser98, ST99, TSWP99, Wor99, BP02, CDRS05, PIKMO2].

Automata-based [TA18, CBBD16, RGAT18]. automate [TC92]. Automated [AD18, AFO+18, Asu13, Bea03, BCM20, BNIN19, CPP16, FM01, FT17, GACM17, GGGT16, GMM18, KO+19, LJJ7a, LJW+19a, NUPA19, PKI+18, RGBA18, RHKC15, ST93, AAF18, ANH+21, CSZG+13, COC10, CDRS20, DRD20, GBRM18, GRS+19, Hua10, IA20, JBR+16, KBT20, LZZ+19, LPL+20, MSKG21, PSVL+20, RSRA18, dSCDL19, YPHZ14].

Automatic [Buc05b, CLZ+20, CMVA18, FHGF20, HWWT12, HZL+21, HAAR+19, Kom89b, LLN+18, LGC+21, MA09, MCD16, Re03a, Rsb05, TBG+20, XZ14a, ZL13, ZSL+19b, ZHI17, dIVGSG+20, Ad14, AM16, AC01, BBH18, Bic05a, CBC+20, DV+20, DQBS20, DZLA19, Fau05, FFAFD20, GM18, HLZ+19, HNP05, HHG05, HNS05, LCFM20, M+19, MRD+20, SK04, SLT05, SYN20b, TMDZ15, ZZZ21b]. Automatically [CHSA18, BC16].

Automating [BJA+05, LAT+20, XLL+18a, MH01].

automation [ACPI19, DDV20, DJ+15, JBC16, RCDF+21, WBKL16, WTP+13].

Automaton [Ban02b, DDL01, LPY+18, SK02].

Automobile [Tak98a]. automotive [LXT+19].

Autonomic [AHU+19, DIB20, Er013, LG08, NV+19, YVBC010, AS+18, BJW08, ENC+12, FS07, FLPP05, GJ18, HZ17, IGB+14, MSBA16, MT18, MAR+15, PVM+12, SMP12, TTB+13, TCR+12, Vin16, ZBT+20, ZYW+18].

Autonomous [Kho21a, RHY+19, YKL+07, DMSC20, DP19, DP20, DBS14, FGW+19, IHA+20, PBV+13, SB19a, SZ0+20, TCC111, YP12].

Autopilot [RS01]. AUTOSAR [KR19].

autoscaling [ZTL+19].

Autostereoscopic [PSG+06]. autotuning [PSH+20].

AuTrA [KI11].

AUV [KKN18].

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

Availability [NKP16, ASD12, BCB+07, CBD+05, KKAS19, KFC+07, LSLS05, LVH08, LCH+18, MDZ+21, RLP12, TSWL17, VVC+12, WLML17]. available [Din03, Fri14, GVI13, JSS+12, SB14, WYS20].

Avatar [GC00]. average [AMC19, KYY+20, NJKF18, YK17].

average-case [AMC19]. average-utility [KYY+20, YK17]. Averaged [BSF+20].

avoid [GL05, OX19].

Avoidance [HAA+20, SSK+20]. CCW+20b, Ctu10b, DPK+19, NLS19, PZH20, TLK21.
ZGL19. avoiding [FLG+20]. AVS [WK03]. AVS/Express [WK03]. Aware [ABTA18, ASAM20, AMR+20, BLO+18, BTP19, FNRP20, HAA+19, JGB19, KRW+20, KIMR15, KV17, MIMS20, RMA+18, SV16, TKA18b, WLL+19b, WDW+19, AHEM17, AGC+20a, AGR19, ADA12, ARSMY19, ADA+19, A519b, AAP21, ALK15, AMR+19, ACCID17, AMT+12, AGA16, AB17, AB18c, ABN19, ACSV18, AC18, AEME+18, BAA+19, BLMT20, BAB12, BKG+20, BPC+14, BCPD12, BRB+19b, BMK+14b, BCR+12, CXZ+19, CMX+20, CCCI18, CBC+19, CCL+20, CCCT14, CHY+18, DCGM20, DWJM18, DPK+19, DKV14, DFG+19, DDD18, DSBC19, DATA20, Deh20, DA18, DCF19, DCMW17, EMHE18, FG18, FKT14, GCT+20, GMM18, GJGB19, GAT+20, GH19, GDJ+13, GJ15, GD10, GSI16b, GKT15, GBKJ18, GB20, HBEK20, HZC+08, HY09, HGC+14, HCMJ19, HCWD21, HSS20, HNK18, HM19, HRRM20, HSC15, HZ19, HYRZ20, HBN+13, HQLH20, JTHG21, JGFB19, JLQ+17, JNR12]. aware [JLD+19, JEB18, KMB16, KSI18, KANS18, KSF+13, KRD+19, KCS14, KNV20, KKW+14, KB09a, KB+16, KCI12, LHC+20, LTC12, LCC14a, LPK17, LPK18, LYG+16, LYY1Y18, LGGW18, LQW+20, LYG20a, LYY+20a, LBGL20, LYYG20b, LZK21, LHH+21, LDWZ20, LAQ+19, LWS+12, LLG+20, LZA+20, LWZ+20, Lok12, LEXH20, MCI+16, MlsCEANSM20, MHC14, MMVV08, MBM18, MKW+21, MHZK18, MQL+19, MPR+16, MMBD20, MBD21, MBA19, MMPF19, NKBI9, NK15, NSSA+14, NJ16, OMSL20, PJJBB20, Pal09, PP10, PC18a, PLZX19, PKC04, PFPJ18, PSR+07, PZ14, PAR+14, PRC+14, PSH+19, yQhJL20, Qur19, RMBMT21, RMRSA19, RB20, RKP+21, RMDB18, SSG19, SC16, SHRE16, SDTA19, SAK19, SCY+18, SM18, SJS19a, SCP+21, SZL+21, SRN+18, SK19, SSSJ19b, SCCS11, SCH+17, SSP17, SLY+19, SGL+19, SHY+21, TKR+15, TW20, TCCC11, TCR+12, TuS+19, TS20, UGBM+17, UDvdW+18, VNAM19, VDTC12, VPT+15]. aware [VGC+13, WKC+13, WWC14, WCC+16, WLZ+16, WZZ16, WWQ+18, WCH+18, WSGC18, WZM+18, WPY19, WYG+20, WWZ+19, WS10, WZ13, WYH+17, WZS+18, XD1H+19, XZC+19, XSS19, XWK21, YWG+20a, YIA17, YCX18, ZBTV+20, ZMTT16, ZL13, ZME+15, ZHHC17, ZGL+18, ZWS+12, ZSL+19a, ZSGJ19, ZGN+20, ZQB+18, ZLH18, ZAC+18, ZFH+18, ZTD+18, ZWY19, ZH20, dSGD19, dACAM13, CG09, KC14]. awareness [AL14, ABF+15b, CMF+21, CSY+20, CDP20a, GRTV10, LCL14, RR18, RJM19, SHBP10, WSC+19, XFTZ16, ZRR19]. AWS [GAMC19, MGZ+20]. axisymmetric [CASW05, de 94]. AxRAM [FFAW20].

[AS18a, CTR+17, CCL09, CFH+19, DL03, DC19, SDTA19, SHST20, WW+16, XZK+20, YWCC18]. **Balancing**

[GXL+18, LCZR12, MD12, OSSH96, dRSS97, AA18, ADOKM06, BCMR01, BM08, BHL+21, BL02, CSJN05, CY01, Cho04, HLW12, IS18, KRZ12, KNK+08, KNV20, KNK09, LYMZ09, LZXW13, LLP, KNV20, KMK09, LYMZ09, LZXW13, LLP20b, LN18, LYH+19, MYM+21, MM03, MKN11, PZA18, PGSM05, PRC+14, PR20, Qin07, SB97, SMG18, SJTN18, SMA08, SLH+19, TZLL18, WCF+19, ZGB+17, ZMS+06, ZFC17, ZFC18, ZHJW20]. **balls**

[LGVM02]. **band**

[SYCH18, Vad1P12, WYJ+19, WGX+19].

**bands** [SLH+19]. **Bandwidth**

[VS04, XDH+17, AHP16, ADITS20, AHP+18, CMX+20, CGL08, CALN03, KWK16, NF07, BPHK01, WL10, WQG15].

**Bandwidth-aware** [XDH+17]. **Bank**

[SY17, NUPA19, XHW20, YW12].

**bank-level** [XHW20]. **banking**

[GPA00, KVvE18, WMD+20], **banks**

[ABCD00]. **BANs** [BLR+19]. **bark**

[AHN21]. **barrier**

[CDP20c, Pan95b, SO98, WPJ16], **barrierless** [LL20]. **barter** [SM10].

**bartering** [GRBM18, ZA13]. **Base**

[BMFC07, BBCN18, Nis93, ZY90, vdr871, Cha15]. **Based**

[BKHD20, GBY16, GSD95, GGC18, HXA+17, KRW+20, LAL+15, LHL15, ML17, RKK19, Rao17, SME+21, Sar18a, ST11, SCH+17, YG18, YTHY84, AD18, ÀO06, ABZK15, ANM18, ABM18, ABM19, ANA16, ADM06, AJY15, AMM+20, AA18, ARP+19, AJR+19, APRC16, AKP+18, ANG+19, AMH02, AAC04, AJ19, AAAQJ+18, ADAADD1, ADOKM06, ATJMZ02, ARMA+21, AAS17, ABB+19a, AAQ+19, AM21, AKJ20, ARP14, ASO14, AIA+18a, AIM+19, ACHP19, ATdC+16, ADH+16, AMW99, AK14, ACMM19, AMA+19, AMKM18, ABF+15a, ASAA18, AB95, AMT+12, ACC20, Ano86j, ACCM19, AKG+17, AB16, AMPZ16, AZO+19, ACM+21, AM19a, AN08, AJPM20, ACPI19, ANH+21, BK19, BAJ+19, BDE17, BBC+17, BG12, Bae14, BBD+19, BRL+19, BYR+20, BvdBM+93, BKB11, BDP11a, BÖ20a, BPM01, BP02, BAKB19, BDL+19, BARMB14, BF18, BNA+21, BMFC07, BP01]. **based**

[BBTC20, BKG05, BGD+19, BGD+21, BTH19, Bcdv+19, BRH18, BeKTK+20, BGNM20, BBC+12, BKS02, BMU18, BW13, BRM04, BGCL20, BS09, Boa04, BT17, BS20, BGMS07, BYH+20, BPAP92, BRM+20, Br01, Br18, BW19, BCB+07, CT19a, CSV+12, CMZ+12, CEP19a, CSC+05, CYLT05, CLR17, CQW+19, CAC+10, CLZ18, CGFC20, CWB+20, CLL+18a, CPP+18, CddC07, CMMST20, CBK+01, CPD+15, CPE+17, C003, CFC+20, CEGL01, CKR+04, CGH04, CFL+15, CLL18b, CXXX17, CXXW+20a, CMI+19, CES+19, CTT+08b, CSS+19, CLL+14, CYZK15, CW16, CJG+18, CLH+18, CLR18, CRY18, CZH+18, CZZ+18, CLC+19, CT19c, CLS19a, CYJ19, CZ19, CGZL19, CXWT19, CLZ+20, CCW+20b, CZGS20, CWM+20, CCL+21, CCHD21, CSL+19b, CY90, CY88, CJS19, CMP+17, CWL+19, CWL20, CS12, CB10, CGS19, CSGV17, CLK11, CFF14, CPJ+21, CKFT20, CSC+92, CDL18, CMZ+18, CZL+18b]. **based**

[BWZ19, CRWZ19, CRTN17, CBBD20, DQC+19, DP20a, DG21, DS98, DZZ+15, DJZ+15, DCBF19, DDD+19, DVS+20, DVDF02, DAT21, DE03, DRGC+19, DMS20, DPSNAHJ20, DMM+99, DMG+08, DCK03, DMP16, DC21, DSO8, DNJG17, DLDTGMMP16, DT93, DRNC09, DV03, DR03, DA18, DHa+20, DMM11, DLH+20, DSW+20, DFZ+20, DdM10, DLS+12, DNW+19, Dör05, DCC13, DFKF18, DSDN+19, DQBS20, DS04c, ...]
DZLA19, DK14, DNP14, ELAEAVAM19, ERL+20, uHa20, EAA16, ESSS+21, EBOY14, ET08, EO86, EMJ+13, EGAQ09, EPB18, EGDT20, EA17, FTK+14, FG18, FH13, FHYH15, FLT17, FCV18, FSY+19, FLTQ20, FWZ+18, FJA+18, FSM+18a, FJJ+18, FMV14, FSV+19, FHZW18, FY19, FW19, FAL+19, Fer13, FP18, FTD17, FCC12, FMS08a, FMR05, FMF+20, FLPP05, FKOC17, GB10, GPV, Hol93, HYS04, HIA18a, Ha18b, HAI18b, Ham19, HZCW18, HZC+08, HB08, HSM13, HZL18, HZL18a, HLL18, HLH+18, HZW+18, HLW12, HUY+19, HJA+19, HAP15, HD016, HAT19, HHM+19, HLY17, HRC19, HKO17, HAOF9, HAF00, HJS+99, HSBE19, HHS98, HCZW17, HHW+19, HSGY20, HBH09, HHK+16, Hol93, HYS04, HIA+18b, HMC19, HZL18b, How91, HLL+11, HMW14, HLC+16, HDH+18, HZZ+18, HMW+19, HLL+20, HJJW+20]. Based [Hu21, HPLL08, HZ10, HZM14, HYS17, HCW+18, HYS18, HXC+18, HYF18, HZ20, HMLS20, HAA+16, HSS17, HSvB20, HKG+16, HHS+18, HMC06, IASK14, IMKB89, IS18, IOV+18, IFD+19, IHA+20, IT20, ISS+15, IdAP19, JLU03, JA20, JSV21, JCP+20, JKAU19, JDFD09, JCMPPC+18, JGB18, JGB19, JXC+19, JCSS01, JJI16, JHC18, JIL14, JLS19, JZZD21, JLMZ21, JFZL17, JSMG18, JLY+18, JTL+19, JLMZ+19, JUN18, KG01, KHHV21, KBTT20, KOM+20, Kad20, KZA+18, KNI+18, KMB+17, KVK+18, KKN18, KSSR20, KRD+19, KKB+18, KSS19, KFF89, KH19, KHM+13, KOT18, KZA11, KKB+19, KSA+20, KAK20, KHH21, KAO8, KRD12, KID+16, KCK04, Ki18, KJP19, KYP19, KYY+20, KHERS21, KD+19, KSC+19, KN06, KGS+19, KKVL+99, KX11, KXS+16, KLJS19, KLW+21, KMS20, KB00, KARP14, KMK+14]. Based [KS17b, KCH+13, KB16, KLV+18, KSS+21, KLW+17, KLS+05, KP18, KYY04, LBD18, LCH+11, LLYW19, LA19, Lut92, Lee04, LK07, LKLF09, LpCl12, LJ17a, LKCS18, LY18a, LCL+19, LM20, LJ17b, LC+20, LS+20, LB17, Leo01, LYJ10, LWS01, Li10, LK12, LZXW13, LCL+16, LCL+16, LS+16, LYY17, LZZ+17, LFL+17, LXL+17, LCW+18, LYYY18, LOR+18, LZP+18, LWX+18a, LJJ18, LNK+18, LWK+18, LZY+19b, LZZ19, LTMW19, LSLC19, LRS19, LZL+19, LLW+20, LW+20, LHY+20a, LDSL20, LHL20, LFH+20, LSH+20, LFYZ20, LWLW21, LCH21, LZH+18, LTZ+19, LZZ+19, LLL+19, LLW+19, LGD20, LY90a, LM07, LSYC18, LHB95, LN18, LW08, LMXW15, LWM+18, LNL19, LZ+20, LRM19, LKA+08, LJPS05, LL07, LSH+11, LLJ+11, LWX13, LCI3, LLS+14, LwV14, LYL15, LCMX16, LWL+18, LDS+18, LSL+18, LXM+18, LWYS18, LCH+18, LW+18, LGY18, LW+18b, LNY+18, LGZ18, LXT+19, LMM19, LXY19, LZJL19, LDZW19, LZZ+20, LL20b, LLZ20, LDCZ20, LLY+20, LJW+20]. Based [LJ21, LHY+21, LZW21, LGW+21, LS01, LMC19, LMC20, dTGC20, LBU+10, LKJ17, LC03, LWW+13, LL16, LW+17, LQF19, LWR+19, LZZ+20, LZJ+20, LH20,
based
RCM17, RK20, RQN+19, RBA17, RAN+20, RGT18, RYH+19, RDA18, RC13, RRP+14, RGGH18, RCLEB20, RHB08, RT15, RS17a, RD14, RJS+19, RAS+20, RSY+18, RAA+20, RGM+19, RRP+20, RGL18, RCM18, RW18, RLQ+21, RM19, RK20, RPdR20, RCTY19, RWJ+20, SR12, SSHC19, SMF+19, SKB20, SME+19, ST20a, SCL18, SPT+18, SC19, SLTK19, SS13, SB19a, SYG+20, SAGL10, SGGCR+16, SGRT19, SM01a, SPK+07, STK20, SCÁB20, SEH99, SYJ+19a, SYJ+19b, SHS+19, SMC18, SZC05, SD18, SAM+19, SH99, SVFd20, SJR13, SGL99, SGP+20b, SM03, SMC99, Sch01, STTK03, SBHD08, SG05, SSST17, SZ12, SHST20, STA17a, SMA08, SP18b, SRP19, ST20b, SJQ20, SBLW14, SYT+19, SCZ+20, SWW+20, SHL+19a, SYT09, SJ19, SSL+19, SCZ+19, SMSF18, SH19, SS17, SB17a, SGB+18, SB18, SGBK19, SMCC+20, SS21, SSKK13. based
[SCN+14, Ski20, SIL+13, SAPA17, SCL14, SCM12, SM+14, SLS+19, SNA92, SKS17, SZD+17, SM18, SYK+17, SDA21, SCJ+19b, SSSJ19b, SCZ+14, SBK18, SMZ+16, SSZ+17, SLL+17, SDL+18, SRZ18, SJL+18, SCH+19, SZO+20, Sun92, TGGJ+20, TSR+20, TJJG+20, TTT+14, TX14, TF18, TT+20, TJWS10, TOD17, TZZ+18, TMB+19, TW120, TM19, TNY17, TMM+13, TKA+18a, TA18, TY11, TMDZ15, TZZ+19, TLXX21, TCR+12, TYWZ18, TQQC20, TCCW19, TBNF09, THHT14, TGGP20, TBG+20, Tur18, UPD+20, URN+20, UGBM+17, UPP+17, UAS+20, VG21, VVC+03, VVB11, VTTK17, Vau93, VGBLGS+06, VPP+19, Ven08, Ven09, VLOC03, VSKS19, VCL+19, VSBN19, VS20, VPA20, VBOC17, VKK14, VM93, VKT+19, WWX+17, WCH10, WW11, WLYL11, WWCN13, WWD+14, WLZ+14, WZZ16, WM+17, WWVJ17, WRCC17, WCL+17b, WWDF18, WZH+18, WCB+18, Wan18a, WJS+18, WHC18, WZZZ18.
TIHT14, WSU+10, WWH+17, YHH+19, ZCZ+18, ZZ09, ZJW19b. behavior-based [LDSL20]. behavioral
[Ale97, CPP+18, CWJ16, CT19c, KHHV21, KYZ19, KMK+14, MLWA20, MS01, NJ17, NMC05, SBCF16, SSA+19, WNR19].
behavioral-based [KMK+14]. behaviors
[ABD+19, WTG+14, WW20]. behaviour
[HIA+18c, PRW14, Sch01]. Behavioural
[RT16, HAAR+19, PLLA18, PLA18].
Behind [DMZ12]. Belief
[AZO+19, VP20, KLJS19, ZZPK21]. belt
[TTC+14]. Benchmark [CGSZ95, Zna94, ABG18, HBK20, LMM90, PS+19].
Benchmarking [DFGR14, EGCD+06, GVD16, MML01, PPPS18, Por95, SZV19, TDBR18, Wri19, CCE+10, ECA+18, LSV+18, ORL20, TQZ18]. benchmarks
[GMB19, WY39]. Benders [FBM19].
benefit [BGV97, MEBA12, MV+09, SC16].
benefit-aware [SC16]. benefits
[KK14, PNGY13, SC19, VBV11]. benign
[WLW+18]. Bertrand [KAF+20]. BES
[TGP20]. Best
[FCW01, Gra01, IdLR01, KZ17, KS19, PF01, PSS01, SM01a, LBR02, WBT+08, Bru01].
beta [DJH19]. Better
[LRL13, C20, FTD17, Mér17]. between
[BF01, BDA19, BRR+04, BCF16, DGC+17, DMN+05, Gur21, HA18, HICPM+06, HWQ+20, LZC19, LNZ+16, LPE08, MFL18, Nag86a, NJKF18, PWP+18, XLZ+14, YAO14, YZW+18, YTQ19, YTO20a, YTO20b]. betweenness
[MBM18, MCA18]. Beware [Chv87].
Beyond [BEL20, KSK+11, LLW+13, PN13, Eng14, KDP16, LDSH95, RR18]. BG
[ABG18]. BGK [AKH+04]. BGP [IG+14].
BGP-inspired [IG+14]. BGQoS
[AJY15a]. BHR [ST11]. Bi [ABS+18, CGS18, LOK09, WW14, ZZH16].
Bi-directional [ABS+18, LOK09]. bi-level
[WWC14, ZZ16]. bi-objective [CGS18].
bias [PdASM18, ZSFZ19]. bibliometric
[GHG+21]. biconnected [AAC04]. Bicycle
[ZMN19, ZWQ+19]. bidding
[AYY+20, WCHL10]. bidding-based
[WCHL10]. Bidirectional
[BNA+21, MA+17, CHW+20, WHBC19].
Bieñ [vdR87i]. Bifurcation
[ZPLQ20, AKH+04]. Big
[AAA+19, ASYF18, BA17, BAJ+19, CMEA+19, CRL18, DP20c, EET18, GBB18, JGFB18, Jun17, KSS+20, KS17a, KPB18, KHL+18, LIC18, MGL+18, NNH18, P13, PPA18, RPA+18, Sh19, SNX18, SCG+18, SM20, VEET18, WSQ+18, WRK+15, WJS+18, WGM18, YDD+18, YZ18, ZCYZ18, ABD+19, AT20, ATH+19, ATM+19, ACSV18, AAG+20, BGI14, BOL+20, Bha18, Bu18, CQW19, CLLCK20, CGIP14, CCMP18, CZXL18, CRY18, CZZ+18, CLS+19a, CDB+19, CSQ17, DJPM18, DP19, DQX19, DZL+18, DZLA19, EAS+18, FRM+18, FS18, GQLX18, GLC19, GBY16, GSV+17, HPGL18, HZDS19, HSU14, kHSzwJW18, HZ19, HZ16, HXL+18, HSv20, IAM+18, JTHG21, JH16, JHC18, JLC18, JKS20, KOP+17, KP18, LFP+17, LZ+18a, LZX+18, LJR19, LWD+18, LYZC15, LSHW17, LW+18, LZX+20, LXX18, LWR+19, LQ18, MWW+15, MLC18b, MVL+18a, MDT+20, MPCA15, MGMT18, NJ17, NFK+20, ODF17, OSM19, PFRC16].
big
[PvS17, PYM18, PPPS18, QGX18, QCX18, RTHB17, RBW20, SZV19, SGP+20a, SW20, SB17a, SBA+17, SBD+18, SZD+17, SSZ+17, SJA19, TSR+20, TZQ18, TF18, TBR+19, TWZ18, WZP17, WM18, WZ19b, WLD+20b, WLHH18, X14, XFM16, XLL+19a, XTF+19, YWCC18, YGZ+18, YJH+20, YW119, YSHM19, ZYB+18, ZFS+18, ZH+18, ZW18, ZAA20, ZQ+18, ZHU18, uRYS+19, PPS+18, AK+18, BID+19, BPA+18, CRW+16, CW16, DX14, EET20, GS16a, IMM+20, IDM+20, KKAS19,


Bin [BB17, LZCJX19, MAA+19, SK12].


biocollections [MMF16]. Biodiversity [FEB+19]. biofeedback [BDE17, KMA19].

biogeography [ZLL+16].

biogeography-based [ZLL+16].

Bioinformatics [MFE+08]. BioinfoPortal [OGO+20]. Bioinformatic [SF06, BCM07]. Bioinformatics [DP17, HBK20, ABM+07, CCM07, CRsds10, EDH+13, KTTK17, MMC+18, OGO+20, SSS02, SBAD+18, SLS+09].

Bioinspired [CCMGF18, CLCME+18, dAPHOMP20]. Biological [MB01, YD05, ANI09, DC21, FGC07, Kol89, LXY21, MP02, PB17, SWW+13, WRB94, XW20].

Biologically [Pet95, Mue05]. Biological [LGS+07, AV00, CCBR98, CSdCM+17, Gue01, KG01, SJTG07]. biomarker [WZH+19].

Biomedical [CRSds10, AIA+18, CSC+05, CMD+14, DMP16, DZLA19, KTTK17, Ros89].

biomedicine [ABM+07]. Biometric [Alp18, BCN+19, BDM+19, KHM13, AHM+18, BK19, BWR12, CCL19, DEL19, GEAR13, Ham19, KK20, KZ11, LTJK22, LK12, MR00, NWMG17, Sar18a].

Biometric-based [BDM+19]. Biometrics [Ale97, BW13, FCC12, AGBR19, FHZW18, KK20, Kha12, KS18, KLW+17, LNK+18, Pol99, TA19].

Biometrics-based [FCC12, FHZW18, KLW+17]. biomolecular [NYJ+06]. biopy [BDS+10]. biosensors [ZHG20].

BioSim [CSC+05].

BioSimGrid [NYJ+06]. bipartite [GEN20, QGX18, TJ18]. birth [PSI19].

Bishop [Ano86a]. bistability [vdR87a]. bit [KHJ10, KKL19b, Pan20, YFFY+13].

bit-rate [KHJ10]. bit-store [YFFY+13].

Bitcoin [HCW+18]. WYZ+20, WHJ20, WQX20, DSPSNH20, HS19, PSHW20, VSM+19, WLG19, ZMM+18].

Bitcoin-based [HCW+18]. bite [AHN21].

bitmap [CH10, SK04]. bitonic [GDAS18].

BitTorrent [AY16, HWZL08, WSN+10, WFC07, WLQ10]. bitwise [DSW+20].

Black [VV13b, CCL19, SHE19]. blackbox [CCL+14].

blackbox-oriented [CCL+14].

blacklisting [OWX19]. Blanc [OGB+18].

blank [FZT+18]. blast [YWA+89]. [BPC+01]. blending [ZY04].

blind [CS19, LLW+19, ZaT+17]. blobs [MAB+20].

Block [DSN+20]. HS19, PCCX21, ASA+20, BFUK22, CLR18, EV98, LCP04, LZ20, MHY+18, RPL18, RMA+20, SHJR04, VF01, VFS01, XGZ02, YLL+19, YZC+20, ZSW+18, mMs95, vM94].

block-based [YZC+20]. Block-oriented [DSN+20]. block-preconditioned [VFS01].

block-structured [BFK02]. Blockchain [AHRB20, BS20, BAR21, CLC+19, DMSC20, JGL+20, KBBT20, LM20].
Blockchain-based blood-cooling [QXZ19b, WMD].

Blockchain-enabled [SRP20, MFL20].

Blockchain-supported [BAR21].

blockchain [LTMW19].

blockchains [HZL19, SKA18, WZW].

Blocking [BC18*08, ZGN].

BlockIoTIntelligence [SRP20].

blocks [FZC20, GLSV07].

Block [CC19, JZZD21, ZWWL18].

blooming [QXZ19].

blood [HORC04, QXZ19].

blood-cooling [QXZ19].

blueprint [JYY17].

bluef [SdSP04].

Board [A19, A19c, A19d, B19j, B19k, B19l, B19m, B19n, B19o, B19p, B19q, B19r, B19s, B19t, A19u, A19v, A19w, A19x, A19y, A19z, A19].

Bottleneck [APJ20, GPRM21, KMS19].

bottleneck [DZXS21].

Bound [CGMT20, GMMT18, BMT12, JS89, YHC20, VD16].

Boundary [AS18b, BS04, DSO4b, Kn89, SK04].

bounded [RZIX20].

bounding [PYH18].

bounds [LSG18].

Boussinesq [Tab06].

box [CCL19, CSSG18, MAC plus, VVB13, ZSW18a].

BP [ZL21].

BPM [SVJ15].

BPMN [GHLW18].

BPSO [KP18].

brain [ABS18, ASYF18, DSM19, GRS19, HW120, KZC04, KSA20, MLS01].

body [AS18a, FPPD14, WHF19, ASO14, AM18, CJ14, FP14, HAB19, HLY17, IASK14, SG20, SCS18, SvAS01, SdSP04, THA17].

body-sensor [ASO14].

BodyCloud [FPPD14].

BOINC [FKBG10, VPK].

Boltzmann [ABL04, CM99, CH04, DS04b, DY04, FPdSO4, HRC04, HRJ04, I0004, JCP19, KKHS01, NCS04, SdSP04, vSO4].

bonds [BR04].

bone [BP18+07, CLZ18, LZT19, RMM98, YTQ19, YTQ20, YTQ20b].

BonFIRE [GCV14].

Book [ANO93c, ANO93b].

Boosting [CPW19, GCBM17, KMV15, MWCY12, PH94, LMCE19, LMCE20].

BOOSTABLE [HBK02].

booting [SPS17].

bootstrap [DDJ13].

bootstrapping [PGLCM19].

border [ST20b].

borne [SM18].

Boston [vdR87].

Bot [KMS19, STS20].

Bot-IoT [KMS19].

both [FB93, ZAH19].

botnet [APJ20, GPRM21, KMS19].

bottleneck [DZXS21].

Bound [CGMT20, GMMT18, BMT12, JS89, YHC20, VD16].

Boundary [AS18b, BS04, DSO4b, Kn89, SK04].

bounded [RZIX20].

bounding [PYH18].

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box [CCL19, CSSG18, MAC plus, VVB13, ZSW18a].

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BPMN [GHLW18].

BPSO [KP18].

brain [ABS18, ASYF18, DSM19, GRS19, HW120, KZC04, KSA20, MLS01].

body [AS18a, FPPD14, WHF19, ASO14, AM18, CJ14, FP14, HAB19, HLY17, IASK14, SG20, SCS18, SvAS01, SdSP04, THA17].

body-sensor [ASO14].

BodyCloud [FPPD14].

BOINC [FKBG10, VPK].

Boltzmann [ABL04, CM99, CH04, DS04b, DY04, FPdSO4, HRC04, HRJ04, I0004, JCP19, KKHS01, NCS04, SdSP04, vSO4].

bonds [BR04].

bone [BP18+07, CLZ18, LZT19, RMM98, YTQ19, YTQ20, YTQ20b].

BonFIRE [GCV14].

Book [ANO93c, ANO93b].

Boosting [CPW19, GCBM17, KMV15, MWCY12, PH94, LMCE19, LMCE20].

BOOSTABLE [HBK02].

booting [SPS17].

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borne [SM18].

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both [FB93, ZAH19].

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Boundary [AS18b, BS04, DSO4b, Kn89, SK04].

bounded [RZIX20].

bounding [PYH18].

bounds [LSG18].

Boussinesq [Tab06].

box [CCL19, CSSG18, MAC plus, VVB13, ZSW18a].

BP [ZL21].

BPM [SVJ15].

BPMN [GHLW18].

BPSO [KP18].

brain [ABS18, ASYF18, DSM19, GRS19, HW120, KZC04, KSA20, MLS01].
Branch-and-Bound
[CGMT20, MGMT18, JS89, WLZ19, VD16].
budget-deadline
[ABP16].
Brokering
[AMR05b, BSF04, MSBA16, MGG18, HWQ20].
brokering
[ABP16, CXL18, Wu99, Pan95a, PHL98, Shi92, UW92, VCK+20, Kat04].
Bus-arrival
[CL20a, HHXL13, AB95, CCC19, Pan95a, PHL98, Shi92, UW92, VCK+20, Kat04].

Business
[AJY15b, ACC+16, BGRBA19, Cha14a, DDMPG17, EO86, FG14, JC15, KF00, QCD16, SJV19, BKG20, BBT19, CM01, Cha14b, CKR16, CYJ19, KYZ19, LCCM18, MCL+16, MVT+99, MVG+14, MAB+15, MCWP16, ODET21, PSHW20, SY+07, WBR19, WLLC20, WBR20, YNSM12, YJL+19, YDL+20, ZCX+18].
Business-driven
[FG14].
business-oriented
[YNSM12].
Butcher
[MK1903, bwSlicer [ADITS20]].
Byte
[LTOT07, ATT+20].
Byte-code
[LTOT07, ATT+20].
bytecode
[Ber00].
Byzantine
[DEJ20, Gra20].

C
[vDR87a, vDR87d, DNV+19, AC01, BRS04, BEW10, CCHW03, Hu20, LC04, MDT+18, NK07, SVD+20, WYN+90, ZY04].
C-oriented
[YWN+90].
C-RANs
[Hu20].

CA
[SW02].
CaaSSET
[MIZZ20].
Cache
[ARbL20, GSD95, HMC06, MIMS20, BSG+05, CXC+18, CWL20, DSS98, DZZ+15, HCZW17, HBC01, Kum94, LTTL19, Lop93, MVL18b, PRS+13, PPSG20, Tao10, VBLs09, ZWL+16, ZCQ+16, ZGN+20].
Cache-Aware
[MIMS20].
cached
[Yam92].
caches
[ADM06, TD95, YDT19].
Caching
[BB+20, DA+20, CXC+18, CdRRdCB19, GSP+17, G1R20, HMA18b, H6G20, LW18a, LSG+19, RHMGC14, TGM+19a, TTTTH20, URN+20, WLP+20, XCH+20, XW+17, YLKK20, Yu21, ZAH+20, ZCLW18, ZLT+19].
Cacol
[TTTH20].
CAD
Calculus [SSRQ19, YAA+19].
calculations [BvdHN+01, Gil94, LF95b, Mal94, ML11, RMHMG17].
calculus [KAP19].

Calendar
[Ano84c, Ano84d, Ano85c, Ano85d, Ano85e, Ano85f, Ano86b, Ano86c, Ano86d, Ano86e, Ano87e, Ano87f, Ano87g, Ano87h, Ano88a, Ano88b, Ano89b, Ano89c, Ano89d, Ano90b, Ano90c, Ano90d, Ano90e, Ano91a, 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].
calendarizing [AHP+18].
Calendaneous [Ano95e, Ano95f].
Calibers [AHP+18].
calibration [HLZ18, JCA+19].
CALIFE [SLZ95].
caller [AAR+20].
calligraphy [LGC+21].
calls [AAS+20, PZC19].
calm [SCH+19].
CalmWPC [SCH+19].
CAM [Avg00, SdR99, ZLS+20].
CAMAS [dRSBH94].
Cambridge [YHJC05].
camera [GWW+19, SWL+20, YJS18].
CAMP [HRR+14].
campus [GLD+19a, MFG+14, WZT+20].
can [BEL20, BGV97, KR19, RK20].
Canada [KMCH03].
Canadian [AAR+07].
cancelable [KK20].
Cancer [SJD+20, ABM19, GMH20, JLC+20, KMK+19, KIJ+19, LYYW19, LYH+21, LGS+07, LSGA20, SWL+20, WZH+19, WWA19, YWG+19, YWG+20b, wZcZN+19, wZcZN+20].
cancerous [LJW+19a].
CANF [FJ18].
canonical [Bu18, GLC19, GGK20].
Canopy [LZY+19b].
Canopy- [LZY+19b].
can’t [GMC16, GMC18].
capabilities [BBWB+18, BBLP05, DGST09, HMZ18, SD06, WAD+89].
capability [LGL+20a, ZCL+18].
capable [PvSS17].
capacities [JLL17, Ll15].
Capacity [AMD08, BB17, CMB17, HMH17, KIC12, RZ16, Bha18, CWL+18, GBRM18, KCM19, KMJ18, Thi06, WWC+97, XZD+21, dACNC16].
Capacity-driven [RZ16].
capillary [APRC16].
capitalization [NZOCJ+19, NFK+20].
CAPre [TQC20].
Capsule [MKK+20, JTGH21, KHO+19, SLG+20a].
capsulization [LSW+19].
CAPTCHA [GPV+14, RM16].
caption [DQXW19].
capture [Asu13, PWV+21].
Capturing [BCG+19, GMF+20, NH+21].
car [BBC+99, GZG20, KXS+16, LLN+18].
carbon [LXY+21, Tor04, VYC+12, YCS+20].
carcass [DVV+20].
carcinoma [MGA+18].
card
[AHdJF97, GFM+20, LPL+20, YHC20].
cardiac [CAC+10, DMM+99, DNW+19, KE85, MdmMNS+19, PZLLL21, SWW+13].
cardinality [LYY+20b, SHDT21].
cardiological [KKS+18a].
cardionymopathy [DNW+19].
cardiopulmonary [CHJ+20].
cardiographic [LQF19].
cardiopulmonary [NDA+19, WFA20].
cards [Ale97, BGV97, CHS11, DQ97, DF97, HJCD05, NWMG17, SGGCR+16].
care [ABC+18, CHKJ20, CAS+18, KIJ+19, MRS+18a, NDZ+18a, NDZ+18b, NDZ+19, Pol98, PPAK99, SPS18, BS11, SAK+10, BSH+21, BGMLS17].
Carlo [BST+08, CPGdS+13, CPGBC16, DDJ+13, HJ16, SWL+20, TMY05].
CARPET [ST98].
carpooling [HKG+16].
carrier [LML+19].
Carry [KCR20].
cars [MHW+16].
CartoonPlus [HJC10].
CAS [GI07].
CASA’2003 [Igl07].
cascading [AJ07].
case [LLS19, MW12, SGN+17, AR18, AMC19, Asu13, APR+19, BBSV92, CGN18, CLAL19, CBC+20, CHC+20, CFF14, DDMPG17, EGCE+06, FGM11, FMN+20, GDCGVG20, GdAO20, HMA18b, JAAAZB20, KE85, LKJN+20, MMVV08, MNC+18, MKS18, MOFGP18, PMMG+20, RRP+14, RHB08, ...
[BAR21, PCG+20, ABMM18, AB19a, ABGMC19, BDA19, BDNP13, BBL+05, CLL18b, Che18, Dho20, DC21, HHXL13, JLQ18, LBJ+18, MFE+20, RKG20, SL+18, XWD20, YLL+19, ZSL+19a, FY19].

chain-generated [HHXL13], chaining [SLY+19].

chains [JFDFO9, JLMR00, LZ20b, RCR21, YXL+20].

Chalk [GDRS04]. Challenge [KZA11, BKM03, Her87, Rum99, STMV18, SGM11, WFA20].

Challenge-response-based [KZA11].

Challenges [Ald89, CCR18, CDFW18, DRC20, GZP20, GS16a, GRL11, JC15, Jun17, KU19, LKJN+20, MWW+15, PAS+20, PWA+19, SJT07, YS16, ZXD+20, AAA20, USA19, AR17, ABC+20, ALK15, AC10, Ano84h, ALL+18, BHD09, CAC+10, CR5ds10, CFK+20, CCIP18, CSC18, CBBC+17, EVGT18, Eng14, FFC+18, FS97, FJKK17, Fre94, GFD14, HRC19, Hu89, HBSG21, KS18b, KAW12, KLH+18, Kol89, KARP14, KB09b, LGS+07, Men05, M KK+20, NHY20, NS10, OFMZ18, PYM18, PFDH18, Pet89, RdLM06, Rho89, RLM18, SP18a, SGP+20b, SVJ+15, SWY+18, U1K+19, VCE+19, WWV17, WIL89, WGX+18, Y2A+17, RMC+18].

Chances [ALL+18]. Change [FEB+19, HKT+19, BBD+21, PWB+13, ZWX19, SVD+20].

changeload [BDl+20]. changes [BGR20, BBJ+06, BNJ16]. Changing [DMSS97, GST21].

channel [ABS+18, AAQ+19, CWW+16, D504b, DJH+19, GQXL18, GF21, Gur21, LF21, MSDK21, SWW+13, S1L+19a, YZC+19, YN18, ZZXH20, SG05].

channels [AJZ+02, Dua94, GMH10, KKB+19, SMKC20, YL20].

Chaos [AIA+18a, XRPT18]. Chaos-based [AIA+18a]. Chaotic [PKR21, Bro19, GL07, KSSR20, KLI+16, LWK+18]. character [CSC+05, LJ19a, TJ18]. character-based [CSC+05].

Characterisation [CHG+20].

Characteristics [WCWC19, WCWC20, YXY18, CCW+20c, LZ21, LGT+20, MPP13, S1L+19a, ZCW20]. Characterization [AHD+19, ZCT+04, AJ+21, BARMB14, BZM19, BAGRB+20, DGL+20, GPVN19, KRD+19, KB00, PLGMD18, VEET18, dSFP+17].

Characterizing [CMMST20, GdVC10, JTB13, JCD+13, KFC+07, M SS+13, WWH+17, MAA19, WYG+20]. characters [SK04].

Chargers [CZM+18]. Charging [SRG+03, AYY+20, HZL19, LDGS20, RYH+19, YHL+19].

Charlotte [BKKW99]. chat [MSK03, DS00]. chatbot [CPM19].

Cheap [HWS07]. cheating [DLMS15].

Check [Che13b, LZL+17]. checking [GL20, LXJ18, LYT+05, PSS13, JWV+13, SY+17, YZ+15, YX+16].

checkpoint [Dal06, JHK20, M+20].

checkpointing [BCH+08, CPDS+13, CRZ15, FC05, FMSS12, FRB+14, KJJ+10, LBB+19, LM12, MRR+20, RPMG10, RG04].

Chem [GAB+96].

chemical [CHWW13, MSKT07, SBLT05, YWLL19].

chemically [DY04].

Chemistry [Höf83, Bro92, GAB+96, LDSH95, ZDL+13, GMB+05].

cheque [KBTT20].

Cherenkov [CSV+19].

Chichester [vdR87d].

Chief [FAE21]. children [XLCB20, XL19].

CHIMP [BCM+95].

China [HPZL18, PWP+18].

Chinese [GFZ21, LG+21, LZ21, MY+21, TDLT20, TJ18, XF+20, ZW118]. Chip [MBM18, BFP18, CPSD18, DEH20, SF06].

chips [MPH00, SSG19].

CHIS [CCMP18].

choice [BHRT98, KHB20, SC16].

choices [FHGF20].

choking [AY16].

cholangiocarcinoma [ZM+19, ZM+20].

cholangiopancreatography [HZ+19, HZX+20].

Cholesky [IST04].

Choreography [RPF21].

CHORUS [AGP+92].

CHORUS/MIX [AGP+92].

chromosome [kkBB11].

chronic [HEES19, MSLJ20, VFHB14, WCWC19, WCWC20].
chronological [MPP13]. Chunk [ZZJ17].
chunking [WLA17a, XFJ19]. Chunks
[BEB20]. CIIAM86 [vdR87b]. CineGrid
[DGdL15, GHO+11, KGdL11, LSH+11, WdL16]. cinema [SST+06]. CloT
[GTEL+18, ZZX+19, ZLZL18]. cipher
[ZSW+18a]. ciphers
[MHY18, RMA+20, SHJR04]. Ciphertext
[JSMG18, Rao17, LDZW19, QRW+18, LAL+15, LHL15]. Ciphertext-Policy
[Rao17, JSMG18, LDZW19, QRW+18, LAL+15, LHL15]. ciphertexts [WXLY16].
circuit
[AEK+18, BJNH05, BDG+19, GODM98, GDRS04, IdLR01, SKT02, WVC05].
circuits [CFVP03, Dör05, WSTW87].
circulating
[JLC+20, YWG+19, YWG+20b]. Circulation
[HHG05, CS93, WJZ14].
circumstance [ZLY19]. circumvent
day [DC17]. Circumventing [DC18b]. 
citation
[HHL11, HQL10]. citations [CZ14].
citi 
[AT18b]. Cities
[ALR+20, HSSL17, RMSGP17, Sta17b, AAA20, APBdI17, AR18, AK19, BAKB19, BOL+20, CGFC20, CdO20, DGR+19, FCPSG+21, FFM+20, HCZW17, HMA+18a, HMA18b, IB20, IIA+20, JAAAZB20, JKS20c, KAS+18, KGO+20, KSI18d, LCL+20, NWL17, Osrn19, PJBB20, PZHD20, RGLS18, SLM+20, SANC+21, SRdPLG19, SB19c, SLS+20, TLL+19, UGBM+17, WHZ+20, YWH+21, BCM20, GMLGB+17]. Citizen
[APBdI17, AB19b, ALFR16, DLW+20, LZB20, NCOJ+19, ZKD21].
citizen-centered [AB19b]. Citizen-centric
[APBdI17]. City
[CMMK19, LSL+20, MPI+18, RPA+18, BBC+17, BÖ20a, CCW+20a, CCC19, DDMPG17, EAED18, GAI+18, KPA17, KFK19, LNK+18, LDLS20, Li20, LSV+18, LCY19a, LCY+19b, LLW+18b, LCLW21, PSAL20, PC17, QG20, RYL20, SKB20, SVN+20a, STS+20, SP18b, SKH20, SKX+20, TDL+21, TWZP18, TCB+17, WHBC19, XLYL18, XWLC20, YJS18, YWH+20, Zha20, ZWH+20, ZXW+20, dSK+19, vDDBB98, CGSV17, FAMA+17, hKRM17, UPP17].
citiescape [ZZ21]. civil [AB19b]. civilian
[MND+19]. civilians [CMF+21]. CI
[SVK19]. CI-ADSP [SVK19].
Clairvoyance [BOl+14]. CLAPP
[GNKG17]. Class [RFd20, Cie04, DKK+13, GW1+19, GS13, GD10, JTGH21, MKC+21, RHH+19, RZIX20, TKT+08].
class-statistic [GW1+19]. classes
[CMB17, ERL+20, JOPW14, PSLZ18].
classic [MCA+18]. classical [MAC17].
Classification
[BM20, BD18, MWQ+19, XYL+20, ZX1+19, AHMS18, AAM+19, AGA18, ANH+21, BCM20, CCC+21, CHJ+04, CMI+19, CLY14, Che20, CTU19, CD99, DDD+19, DVM+20, DH16, ERL+20, EP13, FTK+14, FMV14, GDCCG20, GKK20, GMH20, GLVC18, GOLL19, HZW19, HMA18b, HQLH20, JTGH21, JOSD19, KMK+19, KIJ+19, hKBB11, Klo05, LSN+20, LXL+17, LLWN04, LXT+19, LAY+20, MLG13, MG14, MDMNS+19, MHdI19, MRMM20, MCRB19, MZYA19, MRS+18a, NKB+20, NUPA19, ORFPG20, PRW14, PZLL20, RRKA19, RGGH18, RD14, RHH+19, SCÁB20, SD18, TM20, TSRG17, VMCN+20, VPA20, Wan20, WLC+20b, XZZ+18, XLL20a, XWK21, YARH18, ZXX+20, ZL21, ZDZ21].
classifications
[Bag16, CWUS19].
classified [WCY+21]. classifier
[FPF+21, KL1+18, ZSQ+19]. classifiers
[BBB+20, IdA19, KL19, LRML21, RHM20, WLY+18]. classify [HAK+21]. Classifying
[BCMM18, DSM+19]. classroom
[Kim18, SG20]. Clause [LY90a]. clean
[MRL14]. clearance [KBTT20]. CLEM
[CJN+15]. Clickstream
[FFGP+19, HNV+20]. Client
[ZW10, BK19, CGL08, CSL18, DSD+11, JXL+19, KuRak+18, MG14, PA01b].
Client-centric [ZW10], client-server [BK19]. client/server [PA01b]. clients [LH13b]. cliff [SCH+19]. Cliffs [vDR87h].
Climate [FEB+19, BNJ16, FQBCF15, GP09, MLC18b, PWB+13, FNA12]. Climate-G [FNA12]. clinic [PPAK99].
CloReXPa [DLS14]. closed [HXY13, WFL+20]. closed-form [HXY13].
CLOSER [CRL18]. closure [NAG+21, WGG+20]. cloth [HX19].
clothing [HYC+18, YWG+20a]. Cloud [AJR+19, ASAB+18, AAS17, ADMG20, ABTA18, AAJ17, ABT20, AM17, AKB+18a, ACCD17, AMPZ+16, ACY20, ACYD21, AMBD+20, BB13, BDL+19, BdDP+16, BCT13, BYV+09, CRL18, CHWW13, CRM+16, CDL+16, CPD+15, Cha14a, CKR16, CDFZ16, DMC+19, DXA14, FMN+17, FSY+19, FPMJ21, FPB20, FPP+18, GZPF20, GAW+18, GJ15, GBRM18, GTCZG+18, GMP+17, HMH17, HMO+20, HMM18, HSBE19, He16, HM19, HXA+17, HMA+18a, HJW+20, IASK14, JA20, JC15, JY15, JGB19, JTL+19, JTB15, KCR20, KKK+19, KIMR15, KLV+18, KVCY20, KJ18, LSB+18, LSD+17, LOR+18, LJGW18, MID16, MP17, MOW+20, MAB+15, MM18, MBP+20, Pa16, PN13, PLLA18, PDH18, DLS14, PVA+20, RAA+18, SV16, SB19a, SSt18, SGN+17, SS17, SE19, SZK18, SAPA17, SKPG18, TMW+17, TMMVL12, VLAC+13, WZL+20, WBKL16, XDWL15, YG18, YHL16, YWZ+18, YARH18, YAP16]. Cloud [YXA+16, ZAC+18, ABZK15, ABMC18, ANA16, ABDH19, AA18, ALTG19, AD19, ANG+19, AADQ+18, ADIT20, AFSH+18, AFSH+19, AMQS+19, ARB20, ASHO20, ABB+19a, AEK+18, A0KJ20, ADdMM20, ATZP21, ADA+19, ASO14, ALK15, AL18, AMGCC18, ABP18, AdSAH20, AMMC18, AMKM18, ATM+19, Ano12r, AC+20b, AB16, AAD+13, ABN17, ADBO18, AMS19, ADDV16, ALL+18, AK18b, BKS+14, BDE17, BFN18, BMU16, BGC+19a, BCN+19, BKS+18, BFS+17a, BFS+17b, BC15, BKHD20, BBCN18, Bel16, BKG+20, BBT19, BPC+14, BB+20, BT17, BGRBA19, BB12, BDH14, BMzdP21, BR10, CMX+16, CA15a, CVT19, CDG+14, CLZ18, CLAL19, CMX+20, CMB17, CCIP18, CTR+17, CFD18, CFG+19, CFC+20, CDG+20, Cha14b, CFL+15, CRW+16, CW16, CLL18b, CM17, Che13b, CWSW14, CLL+14, CA+15, CXL+17, CLR18, CCY+18, CXWT19, CWM+20, CCL+20, CW13a, CJS19, CGS18]. cloud [CGL15, CPSRG14, CR14, CBLS13, CSQ17, CDL18, DC18b, DZZ+15, DJZ+15, DRC+19, DL19, DST14, DRCG+19, DLZ17, DMPP16, DEG+17, DQLW15, DHL18, DLL+19, DLH+20, DFZ+20, DR18, DHD20, DCC13, DWS12, DSPA18, DHC+17, DCMW17, DJ13, EKSDN19, EBOY14, EAS+18, Erd13, EP12, EMJ+13, EPB18, ECA+18, ETR+13, EA17, FH13, FYHY15, FCY18, FLT+19, FLL+19, FLR+16, FSM+18a, FYL+16, FW19, FCJR1M21, FQBCF15, FLR13, FDP1R17, FEPC18, FPKG18, FKT14, FM17, FP13, Fr14, FCD+14, FPS+18, GEN20, GGTRRC16, GPJA+14, GVBG17, GEG14, GdCP19, GVB13, GBJ20, GJGB19, GJ13, GJL12, GAJP18, GS16b, GSKS20, GFJ+12, GCCL18, GB10, GTSAR+14, GPS13, GMP+18, GJKP18, GFW+18, GSR+19, GLB+18, GZH+19, GGC18, GGS13, HAA18a, HF19, HBEK20, HSM13, HGG+14, HQ1H16, HLL18, HCMJ19, HJA+19, HHK18, HLYW17]. cloud [HSS20, HCN14, HZL+19, HTX21, HB19, HHK+16, HCB16, HRM20, HNQ+18, HZ19, HZW+16, HYS17, HY18, HHLZ20, HHS+18, HCK20a, IDCJ11, IS18, IKLL12, LORW17].
cloud

[S21, SV15, SG14, SKS17, SRKS18, SM18, SYK+17, SB16, SBP+17, SMS13, SOWK+20, SK19, SCJ+19a, SCJ+19b, SBL18, SMZ+16, SLZ+18, SDH+19, ZSO+20, TWDL219, TCC18, TLC+15, TSWL17, TDLC17, TOD17, TZL+18, TKA+18a, TKTG19, TBB+17, TCBPR16, TCBC18, TYWZ18, TMS+17, VG121, VB18, VPP+19, VSDD13, VMM+20a, VCDK18, VGD+19, VSP+14, WHMO13, WWCN13, WWC14, WXYL15, WCF+15, WMK16, WZZ16, WMX+17, WCL+17a, WWDF18, WJS+18, WMY+18, WXZ+18a, WXZ+18b, Wan19, WGG+20, WZL+20, WC20, WYS20, WXX21, WGW+21, WCY+21, WWZ+20, WLD+20b, WLA17a, WLA17b, WLA18a, WCC14, WYH+17, WZCH17, WBR19, WBR20, XX14, XKB18, XZW+19, XZJ+20, XWM18, XT18, XWL+18, XLL+19a, XTZ+19, XYML19, XZK+20, XWJyzF19, YMW+18, YFY+13, YLHJ+14, YSC+15, YLN15, YWL+17, YJS18, YCD+19, YJLC20, YSHM19, YH19, YN18, YK13, YQQ+19, YAGG18, YNY+14, ZNZ+15, YGYW16, YK20b, YYLC10, YZJ+20].

cloud [YDQC19, ZCM19, ZHSL18, ZYZ+18, ZLZ13, ZCL+14, ZME+15, ZHZ+16, ZCS+16, ZWHC17, ZHHC17, ZXXZ18, ZZXL18, ZTL+19, ZWW+20a, ZA20, ZSL+19a, ZCZ+18, ZDW+16, ZZC18, ZFH+18, ZLY+19, ZSS+19, ZaTZ+17, ZZZ17, Zhu18, ZWGC19, ZCW19, ZL12, ZZQ+13, ZBF14, dSNB19, dACAM13, dACNC16, AALEF20, BAB12, CFVP12, CMG+19, CJNI+15, CFF14, CPP16, DRZ+19, DDJ+13, DATA20, DHC+17, ENC+12, FG14, FP14, FMR18, HCK20b, IG12, JS12, JBR+16, KKB14, KMK+14, KS17b, LLAH13, MGZ+20, MGR11, MEBA12, MBS13, NGCB20, NJH+18, NHH+19, PMPC13, PDM18, SMBMT+18, SG15, SMZ+16, YSL18, SYQ+19, TN14, WLML17, YNSM12, ZLR+15].
cloud-agnostic [KDG+19]. cloud-aided [SLS+20]. Cloud-assisted
[HMA+18a, CDG+20, LZY+19a, LBGL20, LYL+19, NAT+20, WXYL15, ZYZ+18].
Cloud-aware [GJ15]. Cloud-Based
[HXA+17, AMPZ16, CPD+15, FPP+18, GMP+17, JA20, LOR+18, YARH18, ASO14, BDE17, CFL+15, CWM+20, DMPP16, EPB18, FW19, GSR+19, GGC18, HJA+19, HLYW17, HHK+16, KRD+19, KSC+19, LCH+11, LSYC18, MK17, MGS21, MKY16, MGC+15, PC18a, PKY+17, SMC+20, TKA+18a, TYWZ18, WZZ16, WJS+18, WG+21, XKB18, XTT18, YMW+18, YN18, ZZXL18, PMDS18, DAT21].
Cloud-connected [RHPV17].
Cloud-computing [FCOJFM21, ZLZ13].
Cloud-connecting [LTY19].
Cloud-distributed [AB16]. Cloud-Edge
[FFB20, CFG+19, CFC+20, CXWT19, DLL+19, XZW+19, XLL+19a].
Cloud-Edges
[ACY20, ACDY21, BDL+19, VMM+20a].
Cloud-enabled [ATM+19, TOD17].
Cloud-end [DJZ+15]. Cloud-Fog
[PDH18, GEN20, MWL+18b, ZSL+19a].
Cloud-FuSeR [SMZ+16]. cloud-hosted
[YKK13]. cloud-integrated [FCD+14].
cloud-native
[SCJ+19a, SCJ+19b, TBB+17, VG1].
Cloud-of-Clouds [WLML17].
Cloud-of-Things [CMG+19].
cloud-oriented [FKT14, HRM20].
Cloud-P2P [SYL18]. cloud-RANs
[SZO+20]. CloudFlow [ZME+15].
CloudGrid [CCRV13]. Cloudification
[PVA+20]. CloudIntell [MAY18].
CloudLaunch [ALTG19]. Cloudlet
[SHST+20, ZGL+18]. cloudlets
[GCT+20, Lok12]. CLOUDDRB [SG14].
Clouds
[GLNT13, GGA+17, KSF+13, LX13, MG18, MAD+16, PMLVLS+13, SPdSR+17, SDZ+20, WRK+15, APA17, AMQ+19, AS19b, AMGCC18, AK14, ABN19, ASB18, AEME+18, BL15, CLRL17, CTVB12, CWB+20, CGBAP18, CRK16, CBN16, dCCDFdO15, CRTN17, DT16, FWB13a, GBM20, GCBM17, GGSZ09, GB20, GZHQ13, HZ+14, HBN+13, HFT16, IHK+18, Kuranak+18, KH18a, KFK19, LZ10, LLC+14b, LMZ+14, LGY+16, LLL+18a, LLZ+19, LLW+12b, LPV+16, LSHW17, LWZ18, LPP+13, LWY+16, LL16, LSMVLF13, MJM+16, MJDN15, MGV+18, MGG+17, MDD15, MG10, OG18, PRFC16, PS19, QGT+18, RMV+10, RMCD12, RCY19, STMV18, SEMJ11, SCZ+20, SSL13, BSA+17, SJV12, SNP19, TZST14, TLSC17, TdpF+17, TVB18, TSB18, TCB+16, TSB+20, UST19, VVB13a, VHML11, VCKB12, WHS+18, WZW+19, WG13, WLH+19, XMS15, XJWW15, YLJ18, YWG+20a, ZYCH19, ZXY+20, ZQB+18, ZT19, ZB19, dCTVC18, dOO+13, AEN13]. Clouds
[ATX13, CVKB12, WLM17, YMY+17].
CloudSME [TKA+19a]. CloudsNAP
[MGLPPJ13]. CloudStore [LSB+18].
CloudWave [SNP19]. Cloudy [BNF18].
CloudFlowS [KOP+17]. club [TDLT20].
Cluster
[BB13, BJC02, CWJ16, DT08, KV17, OSSH96, WX02, Abo06b, ACML05, BL98, BARM14, BYL+18, CDG+14, Ch04, DZ04, DVVD02, EMHE18, Fra08, GS05, GCC+14, Goo02, HO02, HLL+17, JAA09, KZ17, LSL05, LZXW13, LJ12, LHPC+19, LKTC14, MNV12, MGGS+20, MFG+14, MM03, MGILV04, NS02, RBJ+13, RG04, RHT+98, SM01, SMA08, STC15, SMS14b, SBP+17, TM19, VSM02, WK+13, WHW16, WJZ+17, YJA03, YLHJ14, YYY+19, ZJWT04, dACAM13].
cluster-based [BARMB14, LZWX13].
Cluster-group [CWMJ16].
Cluster/datacenter [LJ12]. Clustered
[BHH+93, PSL+04, PRC+14, SCY+18, GIK18]. ClusterGrids
[KKJ10].
Clustering
[AFJ18, GAT+20, GBY16, HO17, LJ17a, LHJC18, Mic97, PC18a, SAH19, 
TF18, ZWHC17, AMBD+20, ANH+21, BK16, BCF16, Bu18, C1S+20, CJ14, CdS015, CJM20, CSP13, DNW+19, DB99, EP13, FGM11, FT07, GHN10, GPJC17, GPWL20, GNGG17, GLWP20, HCDW21, HDN+20, Hu21, HS16, IMM+20, JYSH20, KCK04, hKBB11, KLW+21, KP18, LBYL08, LZZ19, LYS+19, LXR19, LZXG12, LZS+20, LSV+18, MSG+20, NK17, PS20, yQhJL20, RCM17, SV16, STP+05, TCC+14, WCL+17b, WTG+19, XZZ+14, XW21, YHW+20, YLKK20, YWS21, ZM07, ZST+20. Clustering-based [LJ17a, LSRM19].

Clusters
[AMBS21, MG10, PBM95, AHEM17, ADAA12, ALM+10, BJF+20, BC15, BBS92, BL13, BLO2, BPC+01, BTIM0, CRM+16, CRE01, CP17, CSDM+17, CBCA15, CG02, CKFJ06, CEGL01, DNNG21, DEJ20, ELV+06, FLF+21, FQBCF15, Fer96, GCBM17, GS00, GVD+03, HZdLZ20, JBP+18, KSS11, LP01, LLZ+18a, MJM+16, MTKS00, MLS01, OB04, PK11, PGC+06, PL96, RK20, RB08, RT06, RGDML16, SVC+07, STTK03, SD03, SK12, TC06, VB11, XDHL12, YIA17, ZGB+17, ZBTC17, ZTD+18, ZGBc04].

clustering [Gra15].

CM-2 [Mal94, Por95].

CM2 [CH95].

CMPs [MVL18b].

CMS [RAA+18].

CMSS [CEP19a].

CNES [BT93].

CNN
[BNA+21, GFZ21, JZZD21, JL21, LYY+21, Liu21, MPS21, RBG18, UMHB19, ZXX+20, ZDM+19, ZH20].

CNN-based [JZZD21].

CNN-LSTM [ZDM+19].

CNNS [AAM+19, LYY+19].

Co [DXL+18, PW09, YLGG21, Anos4, BDGG+20, CCW+20, DV14, DB+14, GS15, MMLP20, VL19, WFL+20, XZZ+19, YCY10, YSC+15, DWZ20, LLS+14, YYW+09].

Co-AdaBoost [LS+14].

Co-Allocation [DXL+18, DV14, YCY10, YSC+15, YYW+09].

Co-Attention [YLGG21].

code [DBD+14, XZZ+19].

code-execution [BDGG+20].

coccurrence [MMPL20, WFL+20].

co-operative [Anos4].

co-processor [GS15].

Co-scheduling [PW09, CCW+20].

co-simulation [VL19].

CO-STAR [DWZ20].

Coalition [KIM15, FX07, HBEK20].

CoAP [GCK18].

CoAP-based [GCK18].

Coarse [Vre88, Vre89].

Coarse-Grained [Vre88, Vre89].

coarse-grained [Vre88, Vre89].

coastal [YBC+20].

CoCaMAAL [FKT14].

CoCoA [RJS+19].

CoConut [Reu03].

CoConut/J [Reu03].

Code [AsRA+19, TQC20, ATT+20, BP01, BST+04, BGS+19, CIB+20, DC21, DR05, DMN+05, GKS05, GL95, HDO16, HCL+17, IJLC03, JLS19, LTOTT07, LLC14a, LLZ07, LN94, MLJ21, MRMM20, MTM21, OBG+18, PSK+10, RBS93, SJ14, SNS+20, SLZ95, TLL+19, WL120, WMY18, vW19, HB21].

Code-Analysis [TQC20].

CODE-V [HB21].

codecs [EBCP18].

coded [BWX20, LLWN04, PWMX17, XW18].

Codes [SvAS01, BBW08, BVDF00, CIB+19, Dal03, GIM16, LPB04, LRW01, Niw89].

coding [CJXX19, CCM98, Dho20, HIMM20, Dal03, GIM16, LPB04, LRW01, Niw89].

co-evolution [Tab06].

coevolution [LD17].

coevolutionary [ZY+18].

coevolutionary [CDY+20].

Coflow [LZZ19].

cognition [GPWL20, ZLXH20].

Cognitive
[AT19b, Elg20, GWW+19, MK39a, SAKa20, WLP+20, ZA20, ZLML20, ASA+20, ASAA18, AS19b, BK+18, BMK+14a, CHG+20, CLH+19, Che18, CGM+19, CWLZ19, GOLL19, HMW+19, HQ07, KRA21, LLW+19c, LLW+19d, ND+18a, ND+18b, ND+19, STB+19, TSD18, WLL+19a, WZ+19, XZZ+19, ZYX+18, ZHGX20, ZTC20, GTE+18].
Cognitive-inspired [GWW+19, ZLML20, CWLZ19, XZZ+19].

coherence [HZL+21, MVL18b]. Coherent [DSC20, Tul04]. COHESION [SBHD08].

cohesive [QC18]. Collaboration [ASW11, DPDS14, GFDR14, AkBAL+19, BJM+17, BAPS14, BP10, HKU+11, HLL+11, HYS17, HYz18, JHL+06, KKBK19, LHZ+18, LLS+19, LSW+19, OPT+17, PPS+19, POJ+16, RMA+16, SS04, SKF+11, SLDK03, UNM+16, WLP+20, WTP+13, YLJ+17].

Collaborations [GDZ+19, TAB+18, EYY+19]. Collaborative [BGJ+06, BDF+16, BLAV06, BDG+19, FGW+19, HGM15, HAM18, KRA21, LLTL19, LZY+19b, LH+11, OMK+19, PLLP19, PVGD+19, SZP00, TWC+06, WWTF18, WYL+18, AM19b, BRXs11, BMR+20, BDCC19, BKV+19, BPS+03, BDMO11, CFM19, CPE+17, CSL17, CSL19, CMP+17, CWL20, CPN+19, CPLH19, DMPN16, DFRW17, DV13, DPS16, DLL+19, DWZ20, DFKKF18, FLR+16, FdAGdAFV19, GMD19, GMP+16, GP09, HB09, HAB+06, IGB+14, KZA+18, KBP+03, KKB18, KIAD17, KWK16, LPC+95, LCL+16, LCW+18, LTMW19, LQXL10, LGY120, LGS+07, LHCC18, LHY+19, MZH+17, ML11, MVG18, MOBD18, MQL+19, MED16, NRR+15, PS10, RW18, RJH+09, RRH16, SBBP10, SCY01, Sip12, SCL14, SLW01, TQL+19, VGBLGS+06, VWD+08, WCVL12, WLB11, XZZ+20a, YLC+06, ZL13, ZCZ+18, ZWYH19, ZRZ+14, ZL04b, ZBF14, dFVPShL+14, FGG13].
collaboratively [GZS14].
collaboratively-built [GZS14].

Collaboratory [BAD+05, LJR+06, LJPS05, SGP+04, SBdL09, YBC+20, KFP+02].
collapsed [KWB19]. collapses [KMC18].
collating [AB18b]. collect [LLG+20].
collection [DGCG+17, HMM18, HY+18, KC19a, LLW+19d, PPS+18, TSTL16, WZL+20, WLAC20]. collection-processing [PPS+18]. collections [AFP07, GB99, YDK11]. Collective [Jun17, ZZZ21b, CFGM16, FLF+21, JM02, NSI02, SSST17, Szu98, Szu01]. college [WZT+20]. Collision [HAA+20, CMZ+18, NLS19]. collusive [ZZH+18]. Colonies [TRFR+01]. colonoscopy [MSR+98]. Colony [Elg20, IML+21, PW09, PT16, SSB+20, TA18, CZL+18b, DoS4c, FZHH14, HXWW18, HLZ18, SMS+19, SH19, TV16, WZ13, XLW+17, YXYH20, ZHHQ18].

Colonies-based [TA18]. Color [KSSR20, Bro19, DNV+19, GPV+14, HX19, LLW+20, MSM+18b, RM16, SLH+20, XJZ+19].

Colorectal [KMB+17]. Colored [YJF+20, DC19]. coloured [AEM10].

Colombus [Gra92]. Column [GVA+16]. COMA [SWCL95]. combating [KSS+21].

Combination [CWJD19, LLW+18a, RSSL21, SYT+19, TIA21, WQZ19, WL05, XRP18].

combinational [CWW+16]. combinations [AKJJ20]. combinator [WGL92].

Combinatorial [AQN+20, HMM17, Sch03, SS21]. Combine [LL03, SDST18]. combined [AMBD+20, HJK+04, MRD+20, SMBMT+18, WLZ+20, YXLB20, ZS05].

combiner [MLC18b]. Combining [AS19a, AGBR19, CPGB16, CFGM16, Che13a, DMC+19, LC01, MK19b, MWPVB12, OCW14, RCEL20, FZHH14, GY04, GAA19, SK12, WWZC19, WX21].

CoMD [PAL+19]. CoMe4ACloud [ASAB+18]. COMFIT [dFPSh+17].

comfort [FHHM19, Mat18].

comfortability [WPS+18]. command [KTY+03].

Comments [WC06b, WC06a, CXZC18]. commerce [ABCD00, AS99, KF00, YDL+20, ZL18].

commercial [ABN19, CBN16, DQC+19, Mar86, SMM+14, TKA+18a]. commitment [KKL09b]. Commodity
Common [JBP+18, GVD+03, KDHP16, LKTC14, RWJ+20, SVB07, WTC+02]. Common [GAB+14, CCL19, CZ14, DLW07, FB93, HZX+19, HZX+20]. commons [BFN18]. communicate [SM20]. communicating [MZH+16]. Communication [ADALZ14, CA21, CSP98, DKV+14, DHS09, Kal94, Tis07, AK19, ADOKM06, AAQ+19, AKG+17, Bag11, BCFS02, BWR12, BTM10, CST92, CDDR17, CMF+21, CKW21, DSBC19, DP03, DT94, DdM10, EAA16, GQXL18, GXL+12, GZLZ16, GVBI7, GS95, GBY16, GD93b, HAAWH+18, HO02, HML+06, HJK+04, JAA07, KH19, KBTM21, KMU19, LR06, LCB+20, LDLS20, LHH+21, LXF19, LW+16, LYY+20, MCN+18, MD92b, MT500, MWCK19, MRV01, MWL+18b, MCG+15, NMR21, Pag99, PSAL20, PR95, PSK+10, PPAK99, QMX19, RPA+18, RHVP17, RHJ20, SRZD15, SAH19, SLS+19, SECE18, SAVS19, URKM19, UPP17, UHJN20, VSKS19, VCDK18, VV16, WCO1, WPGN+18, WTC+02, XLCB20, ZDR07].

Communication-efficient [CA21, Tis07]. communication-layer [WPGN+18]. communication/networking [GXL+12].

Communications [DV90, EYY19, AMN18, CFVP12, CYH04, CDY+20, GZL+18, GSC+19, HSC15, HCH19, MIY+18, QGX18, RA+20, RGDML16, SAGGB17, Ste94, WQ14, WSCZ18, WGX+19, XHW19, YXZG18a, YYS+19, ZZY+19, dSBN19, SHJ06].

Communities [BOHCC17, DMPP16, FK11, HSB+18, IMUL+21, PLPC20, PRSR14, RSSD02, Var00]. Community [AMR+20, ACPKM19, Car86, FIABC+20, GDZ+19, LBB+09, MMPL20, RMA+18, ABAJ20, BFN18, BR19, BPLFLR20, BR20, CWL+18, CWJD19, CGL+18, FPPP14, FLN+18, GP09, GHJ+19, GG10, HL+21, HZ19, HBN+13, LFL+17, LJ18, LLZ+18a, LW+20, MLC+20, Mar99a, PPH+09, SOD18, SBG+09, SEHS19, SGBK19, SZG+19, SJL+18, WSXL21, WLLC20, YML13, ZDL+13, ZCL+19, HRR+14].


Comparative [CA15a, TAHS14, Bal92, BMU18, CDMR19, DNW+19, GRS+19, KEO4, OdOD+13, OP97, RH+19, SK06, ZM97, ZN12]. compare [CW16]. Comparing [HHS+18, KGX95, MSY20, PFS+13]. Comparison [CHS+18, MFG+14, MOFGP18, PRF20, VSY95, BNFZ08, CCG07, CRWZ19, GLJ19, JS13, KBVH14, KS17b, LKS+21, MJSW21, STP+05, SEC20, SI18, VP20, ZTKF17]. comparisons [BORM07]. compatibility [SSB05]. compatible [DMMP98, GA13, HDLW13, SOM+19]. compensating [LKS+21]. compensation [LZLL18a, LZWF19, YXY18]. competency [KRZ12]. Competent [DD86].


Complex [BKS98, BCD+18, CCMGF18, CCR18, CCKW88, HCB16, LJJ17a, Sdr99, Wd05].
AB01, BKB11, Bal16, BJWZ08, BWR12, BW13, CCM120, CSC18, DS99, FGCM07, Fer13, Fre94, FPP+18, GRZ+19, GY18, HAAH05, HS+18, IMu+21, JS+19, KAP19, MB01, Meu05, MSO18, PGHS20, PK1+18, RWY+18, SW17, SJTG07, Sun10, SJL+18, WSZH18, WMC19, XSM04, ZYT15, ZWC20, ZSP17.

Complexes [CGV10]. COMPLEXIS [CCRL18].

Complexity [GMMM18, AMC¸19, ABP16, BK20, GVURIVBV14, TWW+18, ZZF+19].

Compliance [SS17, HHL11, LCCM18, Niw89].

Compliance-based [SS17]. compliant [LLCF11, SYT09]. Complicated [LZK21, LHC03, Liu21, YWS21].

Component [BR18, SAPA17, ACPI19, BKSS02, Fio06, GW01, HIA18a, Lee04, LKG07, LASL16, LTZ15, MZYA19, Par06, PSS01, PSBB15, Reu03a, SY+20, SVN10b, Tak05].

Component-based [SAPA17, ACPI19, BKSS02, LKG07, Par06, PSBB15, SYG+20].

Component-oriented [BR18, Tak05]. components [CY88, DD05, KSS11, Kom89b, LRW01, PA01a, WSTW87].

Composable [LFP+17, ŒI13]. composer [BGK+05]. Composing [AMM+19b, RBC+15, Kom89b, PADD03].

Composite [AM17, Lin18, AT11, BRMN04, MBA19, OCW14, WCC+09, XYL+20, ZMS+06].

Compositing [MWQ+19, NOF18].

Composition [JGB19, SZW+19, Ad14, ACCM19, AL20, BML18, FTD17, GMM18, GJGB19, GA+09, JGBF18, LPMY18, LJ17b, LWS+12, LO19, LZZ+20, PKB19, SBM21, SJ18, SDC11, TSOB15, TSTD16, UGBM+17, WPY19, WGLH20, WLY+20, WZ13, XSM15, XWW19, XLW+17, XZC+19, YKL+07, YWLL19, ZGY20, ZZZ9, ZLH18, LKA+19].

compositional [dSMAdR+17, VR05]. Compositionality [dB90]. compositions [BYH+20, Lok12]. Comprehensive [GHJ+19, Tao10, ZGL19, HHK+16, LDJL19, NJKH13]. compress [NS17a]. Compressed [JL14, ML17, BD18]. Compressible [KN06, Ano96b, LF95b, R ˙ZDM01, WWP19, WWP20]. compressing [JDW+14].

Compression [GLS99, AMBC19, CCD+19, CPD+15, CPT+20, DHW+17, DQ97, Dho20, DC21, HIMM20, HSP+13, IASK14, KCK04, KKV+99, OSC14, RLML20, SMC99, SMS16, YZWG18, YK20b].

Compromised [LS19]. CompSci07 [AC10]. Compulsory [QRW+18]. Comput [AB19a, BFS+17a, Bo20b, Cha14b, DP20c, FGB21a, HZ+20, HYS18, JLC+20, KSM+07a, LYYG20b, MR04b, NDZ+18a, NDZ+19, SME+21, WWP20, WCWC20, YWG+20b, YTTQ20a, YTTQ20b, ZMZ+20, wZcZN+20].

Computation [BMS20, Ban05, CASW05, DSC20, DE03, Fre94, ZWH21a, AAC04, AHU+19, AKA20, Amo06, Bal16, BCFS02, BDHK06, BWG19, CAPG18, CWJ+18b, DEL19, DT94, EZTL19, EHT10, EL98, GLC19, GEAR13, GBA+09, GPH+94, HWS07, HHSW92, HKK18, HLT+19, HB21, KGLY18, LJC+19, LLJ+11, LLM+16, LDCZ20, LSAM13, MCT+09, MLW+20, PB18, SD02, STC15, SLO+05b, VV16, WMK16, WLXZ18, XLL+19a, XXQ+19, YW21, YDT19, dITK92].

computation-driven [LJC+19].

Computational [AC10, ABMS05, Bis96, Bro92, BDS+10, Bun03, CH04, DIB20, IDM+20, Joh02, Jun17, MCSS00, MGY06, MVAS89, MR04a, MR03b, MyLVW98, Pet89, RGH+01, SA19, TS99, Tan02a, VMvW98, XA10, ABG02, AAB+07, Ald89, ABF+03, BMT12, BM03, BFR05, BLB03, BLU15, CM99, CBBC+17, CH95, CGJ+10, CRR04, CDP20b, DVB14, DLS+12, DT08, EGK+07, FGG03, FvLT98, GCCMK+20, GGTK15, GSN+18, GPS+17, Han03, Hua10, Hub89, IAL10, JAS+20, Joh89,
JNPY06, KHG13, KSA+20, Kol89, KX11, KKW+14, LL04c, LW96, Lit03, LJP90, LAI10, Lop03, MFI13, MDD89, Meu05, MHA08, MvWvL99, NSHP88, NP03, OK02, PIK02, Rho89, RM11, SPDGR17, SMK05, SST17, SHRP04, SSL12, SL97, SGH68, SKS17, SDR18, TMT+17, TGBK+10, TV08, VDPHS09, WSC+19, WFC07, WL05, Wiel03, Wil89, WCKW10, WS10, YD05.

**computational [ZZDM+18, ZCW+04, CCHW03, GMB+05, KFP+02].**

**Computationally [VCD+18, DST10, PSAL20, Pet95].**

**Computations [ACY20, VV92, AQB15, ACDY21, BBSV92, BBJ+06, BST+08, CKW12, HCW+18, KL02, LF96a, SK12, SK19, Sz98].**

**Computer [AKW90a, Ano86i, CT09, CD99, DPDS14, Fae21, Igl04a, Igl07, JO11, KI89, NHG03, Slo66a, Slo66b, Sth93, Zin90, vdR93b, Ais88, ADAAD12, ABS+18, AKW90b, BJB+20, BGNM20, Bhu95, BLB03, BDS+10, Bur02, CAC+10, CRSDS10, CDF20a, CEJK94, Dali03, DRNM09, Fur92, GMLGB+17, Her87, HXL90, JBP+18, Kal94, Kas85, KdGP+19, KKB2, LCO1, Lin84, LWV+13, LSF+94, MJO0, MGA+18, NSSA+14, PO00, PPS+19, Pri95, Pud87, SEH99, SL97, SBLT05, SWL+20, Tak98b, TDL05, VW19, WC91, YMY21, Zad87, ZGCM00, vM94, vdR93a, dRSBH94].**

**computer-assisted [BDS+10].**

**computer-based [BGNM20].**

**computer-integrated [WG91].**

**Computerized [KKP+05].**

**Computers [GMM18, Her84, Ano86i, CST92, CS93, DRNM09, DDS6, Omo91, OP07, Pad92, RN01, ST99, vdR86b].**

**Computing [ARB8+20, AR17, ADALZ14, AAP21, AT02, APS+19, ABP18, Ama88, Ama89, AKB+18a, BB13, BS20, BCG+19, CMA11, CDF+05, CFP+19, DXA14, FSV+19, FVFA98, FBS18, GZP20, Gen95, Hel16, HB98, HY03, HB21, JJH19, Kow85, KFBKD14, Lid99, LWW+13, MGR11, Mes02, NBB20, OFMZ18, OSHH96, Pal16, PN13, PZY16, QKG20, SG95, SAPA17, SG14, SDA21, SPKG18, TDC+20, WRK+15, WZM+18, WZB+20, WMN+01, WSB+15, Wil00, Wri19, WXGM18, XDWL15, XLLL20, YHL16, YWZ+18, ZLML20, AvLR92, AZH18, Abu06b, Abu09, AHS+18, ABMC18, ANA16, AJY15a, ABG02, AALFT20, ACGdT02, ACC+05a, ABS11, AB01, AMD08, ASW11, ANG+19, AMH04, ADLW12, AkBAL+19, ADA+19, AFF+09, ASBT20, ALK15, AL18, AMGCC18, AG05, ARB12, ABT20, Ano90g, ACG+20b, AB03, ADB018, AMS19, BGL08, BJ12, BBWB+18, BAV16].**

**computing [BMU16, BL98, BBG+05, BKS+18, BFS+17a, BFS+17b, BPCM21, BBC+99, BYL+18, BKG05, BM20, BAB2, BR92, BOP+14, BDZ13, BKY18, Bis94, BT17, BdDP16, BCP18, BK18b, BB12, BDMO11, BCM+95, BJC02, BVY+09, BR10, BRHH18, BCB+07, CMZ+12, CPD13, CRML18, CHW13, CGCB+12, CA15a, CLCMG+18, CPGDs+13, CLZ18, CGT07, CTF+99, CTR+17, CWD+08, CDDR17, CMT16, CGH04, CC11, CRK16, CLL18b, CWJ16, CXL+17, CLH+18, CCY+18, CXWT19, CLY+20, CCL+20, CWL20, CW13b, CLY18, CGSJ18, CC99, CGM+19, CNP+19, CTMO06, CCCT14, CF20, CBLS13, CFG03, CSP13, CWLZ19, CS09, Cuz14, DMC+19, DQC+19, DJZ+15, DHB02, DST14, DLR+09, DDD18, DVVD02, DSD+11, DAT21, DL03, DRGC+19, DRG+97, DKD08, DZ20, DMD+08, DFZ+20, DR89, DSS07, DT08, HDD20, DDBC14, DWS12, DHC+17, DCMW17, uHA20, EZTL19].**

**computing [EAS+18, ESFD06, EW97, EMJ+13, ESPP01, EA17, FLL+19, FCOJFM21, FLR13, FRB+14, Sou91, FP14, FP13, GHY+18, GVGB17, GVCGUF20, GVBI3, GAW+18, GBK20, GJS+94, GGJ13, GS05, GDJ+13, GJ15, Gill4, GMP+20a, GL95, GCCL18, Gos00, GB10, GMP+18, GRX19, GCZ+19,}
computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].

computing [KMV+15, Kow84, KGLY18, KGO+20, KJ18, LHC+20, Lao01, LSLS05, LWCH07, LSB+18, Len16, LPK17, LPK18, LXD17, LXJD18, LMYZ09, LS10, LLW+12a, LCHW14, LXF+14, LFP+17, LHL+17, LZS18, LW18a, Li18, LTTL19, LBGL20, LYFZ21, LLFQ21, LHL+18, KACN16, KGS+19, KV09, KJ12, KH18b, KB09a, Kos95].
[TG07, Vin16, JK92]. Concurrent
[AMBGS21, BS91a, CHS+18, HZdLZ20, SZW+19, AB17, AB18c, BP01, BS92, CLP95, CCP+20, CdO20, EL98, GGS13, LM90a, RBJ+13, RGDML16, RM11, Sun92, ZGN+20, dB90]. Conditional
[JCP+20, MAC17, BDCC19, CLM+14a, HYF18, IOV+18, LY18b, TA19]. conditions
[DS04b, KDE04, MLGGB+17, MSE19, YZC+19]. Condor [PL96]. Conducting
[ELvD+96]. Conductance [LHW20]. Conducting
[DVEE+20]. Cone [SGBC+20]. Cone-beam [SGBC+20]. Conference
[Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. conferences
[Ano94e, Ano96a, Ano96b]. Confidence
[DCC13]. Confidence-based [DCC13]. Confidentiality
[GRS+19]. Configurable
[CBT+19, HMA+21, Dör05, JNPY06, XWRZ19]. Configuration
[PA01a, BORM07, CLAL19, CFMC19, DDD+19, DvdHdL06, GGTRRC16, LMZ+14, MD92a, Man20, MBS13, PKI+18, RMC20]. Configurations
[CMVA18]. Configure
[KPM+18]. Configuring
[BYL+18]. Confirming
[Niw89]. Conflict
[MhCEANSM20, WCH+18]. Conflict-aware
[MhCEANSM20, WCH+18]. Conflicts
[DR15]. Confluence
[SISGS18]. Congestion
[CCW+20b, Ciu10b, HDB18, MBM18, NLLC19, SSK+19, Del20, KXS+16, LTN10, LGP+19, LAQ+19, MWPV12, RJS+19]. Congestion-aware
[MBM18, Del20]. Congestion-free
[LGP+19]. Conjugate
[Cro95]. Conjugate
[HZL+19, XTZ+19, YQZ+19]. Connected
[BRH18, HAJ+19, XXQ+19, CKF+20, KMU19, LYE18, NLLC19, PHZD20, PECA19, RHVP17, UWV92]. Connection
[BS91a, BB84, BS92, DFSZ88, BB85, CH95, Por95]. Connections
[LPE08, Shi92]. Connectivity
[AC18, BRR+04, GZG20, JM02, LY18b, UM02, VOS12]. Connectivity-preserving
[UM02]. Connector
[EGK+07]. Connex
[JCA+19]. Conquer
[SYYuR21, KTB18]. Conqueror
[KTB18]. Conscious
[ZA14]. Consensus
[CFMG16, CFM19, FZC+20, Gra20, LTB+19, MFM16, WLC+20a, ZWH+20]. Consequence
[OA17]. Conservation
[IS06, Mat18, PPMM+18]. Conserved
[DCS+07]. Conserving
[NQQL13]. Consideration
[FW19, GGLW18]. Consistently
[SBS19, ZF14, ZLL+16]. Consistently
[SK18, ZLL+16]. Consisting
[SHi92]. Consolidated
[SS13, ZFW14, ZLL+16]. Consolidation
[ADBO18, CFF14, DLH+20, HHD20, FNCR11, HMH17, ZZ14, HH19, IDM+16, JFZL17, KCV11, LYY17, LYY18, LLWW18, LYY+20a, Man15, MP17, MOW+20, RT15, SSSJ19a, TDSH16, WCC+16, WLA18a]. Consolidation-aware
[WCC+16]. Consortium
[HZLH19, SJD+20, WZW+20, Yue20]. Constant
[BMS20, KKH+10]. CONStanza
[PDDS10]. Constitute
[TDLT20]. Constraint
[GWW+19]. Constrained
[SCR20, APAZ17, AEN13, ASA+20, ABP16, AB17, ABN17, AB18c, CXL+17, CLM14b, DD05, DSCJ18, GBM20, HY09, HWQ+20, KCK16, LLP+20a, MMMZ20, MJDN15, MR19, NK15, PFMCM14, PKC19, RPH19, RKP+21, SSL12, Sg18, TWdL19, TLL+11, VVB13a, Ven09, ZYB+18, ZT19]. Constraint
[LPMY18, SSG17, DQLW15, DKFKF18, FCY18, GPS13, Ha80, LYY18, TSTD16, WLP10, XJ+18]. Constraint-based
[DKFKF18, Ha80, LYY18]. Constraints
[CSL18, FX07, QQLX18, HZC+08].
HZdLZ20, KAK20, Li18, LLZ+19, LD17, LYT+05, LPL+16, LLY+20, qLhZ20, LTZ15, NP03, SHD21, SZK16, SL87, SW20, TSB18, WTM+17, WZWC18, WLD+20b).

Construct [HPZL18]. constructed [PCCX21]. Constructing [CFL+18, STB+19, ZZZ+10, DNNG21, GNGG17, HQ10, NJ19]. Construction

[KMZ16, BJW208, CP300, CPLH19, DSP16, LW19, LZL+20, LLS+14, LWXY19, PRN14, SSRQ19, TWZP18, TM05, YJA03, YPHZ14]. consultation [KCY+21].


consumption [BdM11, CRB+16, DPBK16, HCHH19, IPCA+16, LCZ12, LIH+19, MVL21, MGGG+20, MNP+16, RMRSA19, SRP19, SYQ+19, VGC+13, WOPW13, ZAC+18].

contact [CTU19, Ned06]. Container [AMBGS21, LYH+19, CMG+19, GMP+20a, HZdLZ20, HOV20, KS17b, LGMV02, MG19, PMCC18, RRD21, VG21, ZTL+19].

Container-based [LYH+19, KS17b, PMCC18, VG21, ZTL+19].

containerized [AS19b, GCTLA+19].

Containers


Content [ARP14, BSM20, EGAQ09, GC00, SCZ+20, SNP19, WSG+18, AAF18, AAS+19, BCR+12, CDY+20, CdRDC19, De 88, DFLO17, DS08, FLT17, FMO08a, FM08, FR08, GSMF20, GVI13, GGH+19, GlRP20, HCC+14, HDLW13, HPL+19, LLMP13, LMZ+14, LLF+18a, LZP+18, LLWW18, LSyc18, LGW+21, LPE08, LWZ+19b, MM08, MS20, NKK09, OcDAM07, PAP+20, QWR+20, QP08, RLL+17, SMA08, SYT09, WLA17a, XFJ+19, XWJ+16, XFJ+20, YJH+20, YZZC19, ZAH+20, ZLS+20, Zin00].

Content-based [EGAQ09, SCZ+20, FLT17, LGW+21, OcDAM07, QP08, SMA08, XWJ+16, YJH+20]. Content-Centric

[BSM20, QWR+20]. content-defined [WLA17a]. content-defined-chunking [XFJ+19]. Contention

[BS09, KIMR15, CNR19, DLXR14]. Contention-Aware [KIMR15].

Contention-based [BS09]. Contents

[Ano01b, Ano05a, Ano11b, Ano12i, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano14a, Ano14b, Ano14c, Ano14d, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, BTP19, CWJD19, M2SM+18a, SKS+18]. contexts [WXYL15].

Context [ABTA18, ACSV18, BTP19, CBC+19, KRD+19, KRW+20, LLG+20, MZZ20, MBA19, PTZ+20, VNAMM19, ZGZ+10, AGA16, BN17, CHY+18, DAA20, DMG+8, FG18, FN12, FD05, FKT14, GA13, HSB+18, JOSD19, LRJG19, LG08, LXY21, Lok12, NKB19, POJ+16, PEG05, RMSPP17, SFG+07, SM01b, TCB+17, UGBM+17, WWG19a, WYH+17, WYL+18, ZHYH19, dSGD19].

Context-Aware [ABTA18, BTP19, KRW+20, ACSV18, CBC+19, KRD+19, LLG+20, MBA19, VNAMM19, CHY+18, DAA20, FKT14, Lok12, NKB19, UGBM+17, WYH+17, ZHYH19, dSGD19]. context-cloudlets [Lok12].

context-sensitive [JOSD19, WYH+18]. contexts [uHA20, XYLZ18]. Contextual

[CDP20a, MLL15, NRM20, dSAMAdR+17, PNZ14, PP20]. contextualized [SA07].

Contiki [ZAI+18]. continental
Continents [UNM+16].

Continuity [MBMTJR18]. Continuous [DS04c, BBD+21, DWZ20, KC19a, PLGMC+18, ZLT+19]. Continuously [GST21]. Continuum [Low01].

Continued [MP03b, PPAK99]. Continued [WP01, TSL20, ICBB20, IS18, KRD+18, ZPLQ20, ZZZ+21a, ZFH+18, ZSL+19b, ZLS+20, dSBN19, vdLLE19, BL13].

Control-Application [BR18].

Control-theoretic [FJL+16, Hua10].

Controlable [FH13, YD18, ZWGC19, GZ04]. Controlled [BP02, GFR+10, DSS98, KKP00].

Controller [FJL+16, HYG+19, NLV+19, Röb05, SDZ+20, XHW20, ZXD+19].

Controllers [BSM20, dSFD+19].

Controlling [GCD+18, HAAH05, PECA19].

controls [EV96, EL98, QGT+18].

convection [JNR01, Tab06].

Convection [JNR01, Tab06].

Convection [JNR01, Tab06].

Convenient [BLK01, WHYZ17].

Convergence [Kim14, SPS18, WMA+19, CDF+05, Gut00, LJJ18].

Convergent [MFT+17, TSWL17, XZW+19].

Conversation [MYT+21].

conversation [AC01].

Conversations [Rus90b].

Convert2Java [AC01].

Converter [VS19].

Convex [SSMG95].

Convolution [CHW+20, HZW19, LYW+18b, vWMBS14].

Convolutional [FS19, HidAR+20, KSDR21, AAYL19, AsRA+19, AFO+18, AMBB18, ASYF18, AMMA19a, CZH+18, GS20, GWZ20, GLC19, GMH20, HUY+19, LZT+19, LLU+18, MSKG21, MMAA19, NK20, NED+20, TLM21, TBS+18, UAS+20, Wan20, XY20, ZN21].

cooling [Len16, MMDB20, QXZ+19].

cooperating [CWD04, Reh06].

Cooperation [Nar86, BDP11a, FMN+17, JFDF09, Smi86, XDHL12, CKK+04].

cooperation-oriented [XDHL12].

Cooperative [EA13, FMR05, GZPZ20, GP09, HAA+20, HDH+18, HMC06, JO11, Nag86a, P07, PMFH11, RRB10, SYJA19, Wals84, ABDH19, CZY+18, CBK+01, DPL14, FAL+19, FTH16, HYRZ20, LJJ17b, LD17, LWZ+19b, Mer13, PPS+19, PLP+19, PNZ14, WSM18].
coordinate [PDA+20], Coordinated [FX07, BCH+08, CRVZ15, ZXD+19],
coordinates [HHZ16], Coordinating [GDR+14], Coordination [DSC20, THN+06, YZZC19, DDM21, FTP14, MSBA16, FA01a, Pap05, PCVN21, Pro07, WKT00], coordinator [CTVB12], Coordinators [WLL+19b], cope [ZCS+16], Copernicus [PPLL17], copious [ERL+20], Coprocessor [SK97], copy [DS00, LXR19, ZTKX19], copy-hybrid [DS00], copy-on-write [LXR19], coral [FEPC18], coral-reefs [FEPC18], CORBA [Lan00, LRW01, LDS06, LLSR02, RdSH+00], CORBA-based [LLSR02], CoreFlow [KBdLG18], cores [Eng14, HLZ18], corner [HT02, TAB+18, CKFJ06, CIB+18, EDH+13, HAF+16, HYZS16, JLY+18, KYPJ+20, LQW+20, LC14, LLG+16, LG16b, LCFM20, MWYC12, MAC14, MCA+18, MBM18, GGMT18, MCF+11, MMRL17, PSSP16, PLL+18, PSLZ18, PK11, PRC+14, QHE+20, QZM+18, RS17b, SK18, VD16, WJZ+17, WWZC19, WSH+16, XLX+21, YM13, YLJ+17, YZ12, YDT19, ZAB15, ZLG+14, ZHQQ18, VK17], core-shutdown [WWZC19], CoreSim [KBdLG18], correctness [EGDT20, KDHP16, KA88, LZL19b], correctness [MD92b], Correction [FAA+18, GJY18, HZX+19, HZC+20, HSbV20, DSW+20, GHP+18, LA19, YL18, YGY+19], correlations [LD17, dFPFG19], Correspondence [DMN+05], Corrigendum [AB19a, BFS+17a, Cha14b, FGB21a, HYS18, NDZ+18a, NDZ+19, SME+21], corrugation [LSZ+18], CoSHE [PMD18], COSHH [RD14], Cosmic [NMZC06], cosmology [LB03], Cost [APAZ17, ALK15, AK14, BGR20, BKKM11, GR07, KV17, LDGS20, MFN13, MEBA12, WMM+17, ZQB+18, ADA+19, AL18, ABN19, BWX20, BSE+13, BG05, BBB+19, CRM+16, CHSA18, CPT+20, CWJ+18b, CSQL17, DMC+19, DR18, ESSS+21, FdAGdAFV19, FCGPSG+21, GBS10, GRN20, GD10, GS16b, GCMK+20, GE90, HGG+14, HLH+20, KNV20, KK16, LGY+16, LGL+17, LSCL19, LEW19, LML+19, LYL+19, qLhZ20, LYY+20b, MJDN15, MFG+14, OCCK14, RMBMT21, RS98, SD02, SHJR04, SGJ18, SBA+17, SK19, SDD+09, SK05, SYAL13, TDS16, TDL+21, VVB13a, WYD20, WHZ+20, WY17, WWZ+19, ZG19, ZZL18, ZYCZ19, ZSQ+19, ZZS+19, de 94], cos- [MJDN15], cost-aware [ALK15, ABN19, GS16b, HGG+14, KNV20, RMBMT21], cost-benefit [MEBA12], cost-constrained [KCK16], Cost-driven [GD17, LDGS20], Cost-effective [GR07, WMX+17, CWJ+18b, CSQL17, DMC+19, ESSS+21, KK16, LML+19, MFG+14, SBA+17, SK19, WY17], cost-efficient [CRM+16, GD10, SGJ18, VVB13a], cost-optimal [BG05], cost-sensitive [ZSQ+19], costs [KACN16, MD12], COTS [CXHS20], count [KB20, XWX+20], counter [DLDTGMP16, VOCH17], counter-forensic [VOCH17], counter-measures [DLDTGMP16], Countering [MWCK19], countermeasures [FAA+18], counters [CLP+14], counts [ZJW+20], county [NLO+20], county-level [NLO+20], couple [BC17], coupled [AGP+92, BC15, BDNF92, Kun94, LLS+14, MD92b, MR04a, Mis92, SMK05, ZCT+04], coupling [BC15, sGKS19, HNS05], couplings [PM14], Courier [AT18b, ZFW14], Cournot [KAF+20], course [BLB03], coverage
Cryptosystem
[WSQ16, GLB18, LL04b, YY11].
cryptosystems [Wan19].
Crystallization [VShD94].
CSCWD [Bar11].
CSP [MRV92].
CSSaaS [HCK20b].
CSTP [LSD11].
CT [HLZ+19, KMK+19, SVFdA20, SGL99, ZHP+21].
CTDNet [KGW95].
Cuckoo [CFL+18, Pan95b, YJA03].
Cubemat [Shi92].
cubes [SAKOK03].
Cuckoo [CWJ+18a].
CUDA [GDEBC20, KSC+19, PSH+20].
CUDA-JMI [GDEBC20].
cues [GSMF20].
CUIDATS [ABC+18].
cultivate [AhdF97].
Cultural
[CMP+17, PC18b, WGLH20, CCMP18, MKS18, Nit86, PPXM+18, WDJC18].
cultures [HZPS21].
CUMULVS [WKF03].
CUPUS [AMPZ16].
curation
[GZS14, GML+13, HBH09].
curative [Bo19, Bo20b].
Curious [JAS+20].
Currency [AHWB20, FRS12, SI19].
Current [BH09, Fur92, HBS21, KARP14, LAQ+19, MK88, Nag86b, SACN+21, KBVH14, Miz89a, dLRW03].
curricula [MR03b].
curvature [Jun18].
curve [AMN18, LL04b, MCN+18, WHJ20].
curves [SW05].
custom
[ACCM19, MVLJ21].
customizer
[HCK20a, WBR20].
customizer-centric
[HCK20a].
customers [ABCD00].
customizable [MDD15].
customization
[SSW+19].
customized
[BAJ+19, CTU19, RSD02].
cuts [HSS00].
CWI [Baa87].
Cyber
[CFH+19, DAAW20, HLV+16, IDM+20, KVCY20, LWW+16, LLG+20, LGKA21, NHY20, NLM+16, ODF17, RCJZ20, RVC16b, RVC16a, SYJ+19a, SHS+19, Sha20, UNM+16, ZYL+20, ZGY20, ZZLR18, AHS+18, APRC16, ABD+19, ASASA+20, BK16, CFC+20, CDG+20, CM17, CLQS20, DG21, DWJM18, EAED18, EG18, GVBG17, GAW+18, GH19, GGD+18, GMP+17, HRM20, HML20, HAAR+19, HBS21, IA20, JSV21, Kho21a, KYPJ20, KB16, LLES19, LSZ+18, LLF+18b, LLS+14, LSL+15, LZY+16, LCLA21, MLWA20, MDPF19, NAAC19, OA17, PKF14, PDT+18, RPP+20, SVN+20a, SMI14a, SZK16, SWW+20, Sko19, SZD+17, SM18, SDK19, TCM20, WLZ+16, WZH+18, WGLH20, XZJ+20, XLZ18, XZK+20, XWW+20, YPJ19, YXYH20, YS16, YD21, ZXL+20, APRC16, YYW+09, Zhu14].
Cyber-Enabled
[ZZLR18, LSZ+18, LLF+18b, YPJ19].
cyber-foraging [LLES19].
Cyber-Physical
[CFH+19, DAAW20, HLV+16, IDM+20, KVCY20, LWW+16, LLG+20, ODF17, RVC16a, ABD+19, ASASA+20, BK16, CDG+20, CLQS20, EG18, GVBG17, GHD19, GMP+17, HRM20, HAAR+19, KYPJ20, KB16, LLS+14, LSL+15, LZY+16, MLWA20, MDPF19, OA17, PDT+18, SZK16, Sko19, SZD+17, SM18, TCM20, WLZ+16, XZJ+20, XLZ18, XZK+20, XWW+20, YYW+09, YXYH20, YS16, YD21, ZXL+20, APRC16, YYW+09, Zhu14].
Cyber-Physical-Social
[RCJZ20, SWW+20, HML20, WGLH20].
Cyber-physical-social-thinking
[NLM+16].
Cyber-Transformer
[YYW+09].
cyberattack [BAR21].
cyberattacks [uRK1+21].
cyberbullying [LVNCC21].
CyberGuarder [LLW+12a].
cyberinfrastructure [KS19].
cyberinfrastructures
[CBAP18, DGGR11].
CyberLiveApp [JLW13].
Cybermatics
[NNL+16, ZL18].
Cybersecurity
[MDF20b, FPP+18].
CyberShip
[SME+21, SME+19].
CyberShip-IoT
[SME+21, SME+19].
cyberspace
[FTG+21].
cyber
[ADdMM20, CBC+20, DZJ+00, Goo01, PZLL21, SFR15, SCJ+19a, YCS+20].

D
[AKB18b, AM19a, SGL99, YMM00, Zem86, vdR87h, vdR87e, vdR87k, AKB18b, Avg00, Bro19, CPD+19, CH95, DMM+99, DJH+19, EMB98, EdBG+99, GWW+19, GR09, GGM+09, HidAR+20, HvHAS04, HYRZ20, IdLR01, JZZD21, JL21, JHL+06, KSSR20, KCK04, Kn89, LGW+21, LBB+09, MJ98, MJ06, NMRK21, NQH+20, NCS04, QJZ+20, RICW00, SHN10, TJG+20, VF18, WKF03, XYZ05, XJY+18, ZDL+19, RBS93].

D-Grid [GR09, GGM+09, LBB+09]. D-S [ZDL+19]. D-UNet [QJZ+20]. D/ [AKB18b]. D2D [AQN+20, LHH+21, YXZG18a, YZZC19].

D4Science [ACC+19b]. DAC [WLML17].

DACCA [HAA+20]. DAD [KK19, MKC+21]. DADIM [LWH20].


DAP [RDaARP19]. DAPSYS [NFKi19].

DARGOS [PMLVS+13]. dark [YLJ+17].

DAROC [SHJ06]. DARS [SYL18]. DAS-2 [HBJ+03].

Data [ABDM19, AAP21].

AAA+19, Ama88, Ama89, AW97, AKPT20, BA17, BSRR18, BeKTK+20, BMK+14a, CMEA+19, CLNR18, CCLR18, CMNK19, CAB+18, CDH+19, DSC20, D20Y+19, DP20b, DGR+15, DP20c, DLH+17, EET18, FS97, FZT+18, FA11a, FK85, GBB8, GRL11, GHG+06, HDN+20, HSBE19, HX19, HCX+19, JL14, Jun17, KK19, KPS18, KB18, KLE+18, KT17, KB09a, KIM15, LCL+20, LZL+16, LXF9, LWYS18, MGL+18, MTSN21, MCR+16, NNLH18, NJB20, PN13, PH07, PPS+18, PPA18, QC18, RPA+18, Sha20, SVK19, SMS16, SFR15, SE19, SNXB17, SSC+20, SD07, SCG+18, UUK+21, VV92, VEET18, WRK+15, WJS+18, WZL+20, WMN+01, WXGM18, WZML18, WDW+19, YTHY84, YZC+19, YCY10, YDD+18, YZI18, YCZJ18, YMY21, ZLY10, ZCX+18, ZCYZ18, AOS10, AHEM17, AD19, APBdI7, ABD+19, AK19, AAAAAJ+18, ADITS20, AFSH+18, AFSH+19, AOSA20b, ARB20, ABB+19a].

data [ATH+19, AHN21, ATZP21, ARP14, AYHF19, ASO14, AIM+19, ASEF+21, ACHP19, ATdC+16, AWN+13, ASYF18, ASD12, ABF+03, AMT+12, ATM+19, ACK+15, APC+20, AGA18, ACM+21, ACSV18, AMT+21, ADK+09, dRADFG18, Asu13, ALL+18, ACC+16, AK18b, AMM+96b, AAG+20, AMBC19, APR+19, BAJ+19, BLL+19, uRBIBC20, BK16, BWX20, BGI14, BCN+19, BMBE20, BLMT20, BBD+13, BJM+17, BAP17a, BAP17b, BOL+20, BAB12, BDWM17, BBC+13, BDZ13, dMPdSC20, Bha18, BKY18, BDC19, BN17, BL92, BPS+03, BPAP92, BCW01, BMzdP21, Bn18, BWG19, CHG+20, C1ZT+15, CQW+19, CLCK20, CMX+16, CVT19, CD16, CTT02, CGM+07, CLZ18, CYZ+19, CGFC20, CWB+20, CCD+19, CVdRA+20, CTR+17, CHJS+10, CFM17, CGP14, CPD+15, CCPM18, CL20a, CKFJ06, CFC+20, CHJ+04, CCL07, CGL08, CLH10, CCS+10, Che13b, CPA14, CZYL18, CAL+18, CRG18, CZZ+18, CLS19a, CSL19].

data [Che20, CPT+20, CLDC19, CBT+19, CY01, CDB+19, CFÅ+20, CCN+14, CCG07, CPSRG14, CGST09, CTT07, CKPT20, CSS97, CLJM20, CSP13, CSQL17, CDL18, CMZ+18, CBBD16, Cuz14, CLM14b, DMR93, DK20, DAT21, DSSPNAHJ20, DMPM98, DMM+99, DW11, DHW+17, DJPM18, DAM08, DFG+00, DML20, DP19, DMM11, DQXW19, DLH+20, DWZ20, DGD+16, DGCGH+17, DKK+13, DF97, DSH+99, DLS+12, DYL+18, DZLA19, Dup90, DB99,
ELAEAVAM19, ESSS+21, EAS+18, EU19, EP13, EWG99, ED16, FTA+14, FG18, FSP02, FASA20, FPH+21, FLT+19, FBL+20, FB97, FZW+18, FD12, FSV+19, FAJP99, FZHH14, FLG+20, FTK17, FCOJFM21, FSBS+20, FNCR11, FJT01, FM01, FFAW20, Fnt09, FNA11, FRM+18,Fra08, FS18, FsDSc07, GACM17, GLC19, GZF+20a, GYURIQB14, GBK20, GZS14, GH19, GSC11, GI15, GKV20, GBY16, GGW+09, GML+13, GS16b]. data [GS15, GLSV07, GBF, GSY+17, GLB+18, GZQ+19, GJC+20, GLP20, GB99, HKA+18, HIMM20, HSM13, HAT19, HLYW17, HHH+19, HC99, HAE+03, HBB09, HESM99, HPGM18, HCB+20, HPS97, HZDS19, HWQ+20, Hst14, HLC16, HYL+20, HLT+20, Hsu21, HYS17, HDB18, HYS18, HXL+18, HYF18, HHLZ20, HJPS03, HAB+06, IAM+18, IHA18, JA20, JTHG21, JAAAZB20, JTS13, JNS+19, JH16, JHC18, JLS19, JSC+15, JCL+15, JFZL17, JLC18, JZJ+18, JLD+19, JKS20c, Joh02, JRF+07, KSI8a, KSS+20, KKN18, KRD+19, KHH10, KKBK19, KS11, KP12, KR14, KCI9a, KSC20, KCI9b, KSW+13, KSI17a, KN06, KLP19, KMC18, KCV11, KGKV14, KXS+16, KLM19, KBdLG18, KH18b, KMCH03, KGT15, KBB+16, KAS+18, KKS+18a, KOP+17, KK16, KEAC+18, KP18, KY04]. data [LLYW19, LSO7b, LGH97, LC04, LLP12L, LY17, LY18a, LSN+20, LBM18, LN13, Lec08, LDX17, LGW07, LKN+13, LCHW14, LXX+14, LLC+14b, LWD+14, LLQS14, LNB14, LRY17, LFP+17, LZZ+17, LGL+17, LOR+18, LY+18, LLY+18, LLZ+18a, LTTL19, LLP+20a, LAL+15, LZH+18, LLL+19, LDZW20, LJJY12, LSYC18, LJ19b, LWH+18, LHX+18, LW+18, LSD11, LvW14, LYZC15, LSHW17, LWT18, LHW+18, LRC+18, LZW+18, LGZ18, LKB18, LLL+18, LML+19, LLLW+19d, LIH+19, LLMG+20, LZA+20, LWZ+20, LXY21, LSAM13, LKK+16, LHP+19, Lop93, LW+13, LL16, LW+19, LZZ+20, LWHS07, LLSH07, LZ16, LIC18, LQ20, MWW+15, MHL20, MTNM08, MSS+13, MNV12, MID16, MSG+20, MPP13, MBM+20, MC20, Man15, MLC18b, MVL+18a, MDT+20, MJ98, MJ06, MFP05, MPCA+15, MBZ+21, Mat18, MP17, MZZ+16, MTD18, MBCF99, MMV13, MTH+05, MFL18, MMDB20, MBD21, MD+18, MOW+20, MFT+17, MDM+19, MWPV+12, MVCC10, NS17a]. data [NNRA19, NB19, NMZC06, NSP07, NAD+18, NK17, NWGM17, NJW+06, NKP16, NJ17, NLO+20, NFK+20, NSSA+14, Nis93, NAM+19, OFD17, OB04, OFT09, ONK+20, Osm19, OSANAM19, PM04, PPZ12, Pa09, PFC16, PJDO13, Pys17, PVN+12, Pan20, PW+21, PKC+05, PPS+14, PKY+17, PWMX17, PWP+18, PYM18, PCCX21, PP919, PECA19, PSR+07, PSA+09, PGCC+10, PMB14, PPF18, PSY+19, PSW+19, PCM99, PH+09, PIP18a, Poin19, PCB99, PS02, PRN14, QGX18, QGT+18, QCX18, QCZ19, QMSG12, QC13, Qur19, RMC20, RRGH18, RTHB17, RL98, RT15, RSK16, RRDR21, RZIX20, RGRV+20, RWG21, RMRSA19, RWO+19, RBW20, RLLM20, RHKC15, RCC18, RZTG18, RSJ+14, RWJ+20, RY90b, RHMD20, SR12, ST20a, SPT+18, SZV19, SAGL10, SPMC10, SMP12, SZC05, SGGB+20, SGP+20a, SP18a, SYYuR21, ST11, SOA17, SAB+09, SKC+10, SVN+20a]. data [SA14, SEKS+20, SG17, SBF+21, SLD+15, SYE+17, SJ19, SDZ+20, SK20b, SW20, SLIC+17, SNS+20, SM20, STC15, SB17b, SB17a, SGB+18, SB18, SAR18b, SGBK19, Sin07, Sle14, SBA+17, SBD+18, SZD+17, SYK+17, SAG19, SG19, SRN+18, Sta17b,
SSK+08, SDV+21, SLW11, SSZ+17, SLB+17, SLZ+18, SYQ+19, SGL+20b, SVN20b, Sun20, SAC11, SSLF+10, SJS4a19, TWC+06, TZZB13, TSZ14, TSR+20, THA+17, TZQ18, TLTY06, TDC+14, TF18, TZZL18, TZR+15, TSLC17, TOD17, TBR+19, TM20, TD95, TTL+19, TSG17, TSGVRGS19, TdPW17, TCN+14, TWZ9a18, TSX+19, TJJL00, TbdL16, TV08, TSSL16, TAM21, TCB18, TYWZ18, TAS+18, TSB18, Tor13, TGM+19b, TCCW19, TSB20, TSAE18, UMH19, UJHN20, USK16, VTK17, VGD+19, VBSL09, VOS12, VGC+13, WSQ+18, WZW+19a, WTR+13, WGT+14, WLLF16, WLZ+16, WZZ16, WXPL17, WWQ+18, WCH+18, WMY+18, WZE19, WZZ19b, WLL+19a, Wan19]. data [WDZ19, WMD+20, WLAC20, WWY21, WLW+21, WSS+09, WFC07, WWZ+20, WHW20, WLD+20b, WLA17a, WTP+13, WBM14, WHW17, WHYZ17, WHYZ18, WLHH18, WZWW18, WHZ19, WSS20, WF21, XB14, XKK20, XFJ+19, XG20, XCJ+20, WZX+19, XYZ05, XCB+20, XFM16, XDH+17, XLL+19a, XTF+19, XJZ+19, XZZ+20b, XLL+20b, XWW+20, XAW+10, XBB19, YLV15, YMW+18, YXZG18a, YJA03, YMW13, YLN15, YPLZ17, YWCC18, YZC+18, YJH+20, YHW+20, YXZG18b, YWLL19, YSHM19, YJB+21, YKK13, YVQ+19, YK20a, YLC+06, YZN+15, YXZ+16, YGYW16, YYY+17, YRW+21, YLTL01, YWF+10, YZJ+20, YL16, YYY+20, ZZDM+18, ZBT+20, ZMP10, ZGL19, ZLD+03, ZQZ209, ZCW11, ZME+15, ZSX+15, ZCK+15, ZSH+16, ZTKF17, ZYB+18, ZFS+18, ZHL+18, ZW12, ZZC19, ZYCZ19, ZWQ+19, ZWH+20, ZA20, ZYC+19, ZXD+19, ZQB+18, ZAC+18, ZW10, ZW+18, ZH+18, ZWGC19, ZCS20, ZHJW20, ZSBB19, dSCD+19, dfPFG19, dIVGSB+20, uRYS+19, uRLW+21, vKvWD+13, vdRR71, vdRR7k, AKP+18, BBD+19, BP20]. Data [BCMA07, CAS+16, CCO7, CRW+16, CW16, DX14, Dgo09, EET20, GS16a, HBH09, IMM+20, IDM+20, KKAS19, LSO7b, LVH08, MAB+20, MCR+16, NZQ07, PVHTP19, PMCP20, Qin07, SGB+20, Sha16, SYT09, SKH20, SHJ06, TLTY05, TLTY06, YYW+09, ZS16]. data- [vdR87l]. Data-Activated [SHJ06]. Data-as-a-Service [HSBE19]. Data-aware [KB09a, AHEM17, TKR+15, TSB20, ZME+15]. data-based [CZZ+18, GPVN19, WZW+20]. data-capacity [Bha18]. Data-centric [DGR+15, JTS13]. data-check [LZL+17]. Data-Driven [VV92, YTHY84, FZT+18, HX19, HCX+19, LXF19, FPH+21, KKS+18a, LSN+20, MTH+05, PKC+05, SEKS+20, TSS+19, YJB+21]. data-flow [GS15]. data-intensive [BPS+03, Cuz14, GVRUVB14, HLH+20, HHLZ20, JFZL17, KGW14, LTL19, MFP05, Pa09, RRD21, RSJ+14, SLC+17, SBD+18, TdpF+17, TBdL16, TSB18, WTR+13, WHYZ17, WHZ19, dSCD+19]. data-locality [BLMT20]. data-locality-aware [JLD+19]. data-matching [PRN14]. data-parallel [BL02, FSP02, LC04]. data-smart [SVN+20a]. DataABC [JFZL17]. Database [LSG+19, ASAAM+19, ACU95, Ano84j, BAMR20, Cha15, CWSW14, CY90b, CYH20, CW93, FAPJ99, FT07, GML99, Joh92, Ly90a, Ly90b, LZL+16, LRMS19, LKM91, Mur88, NSL84, PNH99, PH99, PB17, SG20, HDHT21, WCL+17a, WYS20, YXD18, YWF+10, ZTQ+20, vdR86a]. databases [ATS14, CYB00, CFG93, FGRZ09, FSM+18a, GAYTC18, KP00, KMB16, KYS+19, KST92, KYY+20, Kos00, LY18a, LLLF11, MSZ+20, MQN19, NA19, PNH99, PDDS10, SCL20, SL87, TG07, WZXX21, YNK+20, ZMN99]. Datacenter [YMY+17, BWX20, CMX+20, ESPN17, KMJ18, LKTC14, SHRE16].
Debugging [AW03, FSP02, RCD03, AKCP21, BW95, Kae00]. decay [PKA19].
DecChain [BS20]. December [An020u, Aon019a].
Decentralised [Low05, MAQ+20, PWA+19, STMV18, TOM+20, Van93].
Decentralized [CLNR18, DCGM20, FBL+20, FY19, HNKØ18, JTS13, LS07b, LJC+19, MPC+18, ÖEE13, RLP12, SHRE16, TGM11, XTZ+19, ATF11, ABH18, BS20, CCL11, DA18, DCF19, FGP20, FWB13a, HB08, HSGY20, HXL90, HBN+13, JGL+20, LHL09, MML+18, MT17, MOBD18, MGLPPJ13, NAT20, NLV+19, QHW+20, RRBl0, SAK19, SCMS12, TY11, YBQ07, YLA18, ZMH+18].
deceptive [CWZ+17]. decide [MOBD18].
Decision [GSKS20, MY21, vdR87f, AFSH+19, AW97, APR+19, BBWB+18, BÖ20a, BKB18b, CLY14, DSH+99, FMM+20, GS05, GBKJ18, JNS+19, JXZ+19, KMI11, KKS+18a, KFBD14, KGO+20, LPK17, LPK18, LGW07, LLW+20, LRMS19, LYS12, LDY+18, PP07, PSv+20, RT16, SB97, Sun20, TSS+19, VDK12, WV17, XYLZ18, YCH19, YZS+21].
Decision-Making [GSKS20, APR+19, MFM+20, JXZ+19, Sun20]. decisions [ABMMC18, LTZ15, TWDLZ19, WGM15].
Declarative [TA96, ATDC+16]. decline [KRA21].
decoration [QXZ+19]. Decoder [QHE+20, KA88].
deconding [PSPP16, YJB+21].
Decompiled [RMMD20].
Decomposed [YSC+19, SKJ01].
Decomposition [dRSS97, AB18a, BH03, Bu18, FM19, HND06, Ima19, KHB20, LLH+18a, LLY+18b, LZJ+20, MvDV01, MSBA16, NJ19, PLL+18, PSL18, Pri95, SMC18, WHZL10, XYL+20].
decomposition-coordination [MSBA16].
decoupled [LSJ+14]. decrease [KIS11].
decreased [BK20, WCWC19, WCWC20].
Decreasing [VGC+13].
decryption [XTZ+19, XYML19, ZSW+18b]. dedicated
dementia [NDZ+18a, NDZ+18b, NDZ+19].  
demonstration  
[CALN03, HRIJ+06, VRGR16].  
demosaicking [HLC16].  
demote [ZZK21].  
demotion [KHL20]. dendritic [EAA16].  
Dendron [PMK18]. Deniable [DA18].  
Denial [BAR21, GdOA020, uRK1+21,  
PTD21, IDK19].  
denoising  
[BTG19, GDAS18, XLS+21]. Dense  
[RCW+19, DS04c, HPP04, LZCGMV20].  
DenseNet [CTU19]. Density [GBY16,  
ZSZ14, ANH+21, DRS04, LZXW13, LZZ19].  
Density-based [ZSZ14, ANH+21].  
deonitic [SZR18].  
dependable [AR07, BCC+17, WTK07, WY17].  
dependence [BSF+20, XFM16].  
dependencies [BB17]. Dependent  
[BB17, CP06, Dua94, GTMZ17, MCRB19,  
Nos98, Tab06]. deploy [ALTG19]. deployed  
[KSS19]. Deploying [PCBD99, MVC+13].  
Deployment  
[TCB+17, BJA+05, BARM14, BCRBA19,  
CZY+18, CdCD07, CGL15, HSH+07,  
KTKN11, LDGS20, LWH+18, LLW+12b,  
dTGC20, LSMVML13, MAJD18,  
MGLPPJ13, MCSA18, MW12, PSP+09,  
PPS06, PVA+20, RCMT18, ŠCJ+19b,  
TCMV20, VCL+19, VSDD13, WLD+20a,  
dOWdAS+18, WG13, WLH+19, ZLZ13].  
deployment-based [CdCD07].  
Deployments [FFB20, LPD+13].  
depression [CFL+15]. Depth  
[HZZ+18, QMPSPL20, XTL+19]. Derek  
[Ano87b]. Derivation  
[DRNMC09, XCB+20]. derivative [GKS05].  
derivatives [BBL+05, SBLT05]. derive  
[LN13]. derived [De06, YM13].  
Deriving [MdOO+17, CHSA18, CFVP03].  
descent [MWL18a, PDA+20]. describe  
vdHDT+06]. describing [BBT19].  
description [DJPM18, FSD+20, HK88,  
KGdL11, LWLW21, PLCGS11, Sun10].  
descriptions [BHK90, XLL+18a].  
Descriptive [SGdMM96]. descriptor  
[LZL+12, PSS+18, Var03]. Design  
[AMN18, AAB+10, Bag19, CCDS08,  
CDG+20, CBS17, CLSi9a, DCBF19,  
DVD12, HZDS19, J01J, JNIR12, KO11,  
KANS18, KLW+17, LCP04, LJVY0, LL04b,  
LJ17, LZZX20, LCO3, MK17, MS20,  
MSK03, MCWP16, NSS99, NP06, PSR+07,  
PMT10, Qrm07, RPH19, RBLD21, SPR+10,  
S21, SYCH18, TMM+13, TBB+17,  
WDKV19, XKK+18, Zha20, ZYA+18,  
ZZQ+13, dSK+19, AO06, AK20, AMB03,  
AAD+13, BGNBH+20, BFPI8, BBC+99,  
BKG05, BSRR18, BB06, Cur92, DMR03,  
DDV92, DGS09, DSD+11, Deh20, DBD+14,  
ECPF17b, FD02, FAJP99, FZT+18,  
GZF+20a, GdCP19, Ger02, HB09, HIA+18b,  
HX19, HLL+19, HHZ19, JLQZ18,  
KKL09a, LRYJ17, LLW+20, LW+20, LJ21,  
LMH+09, MSZ+20, MB01, MOBD18, MBZL09,  MN+19, MVT+99, MHY+18, MWMA10,  
NSR+19, Ñem00, OSANAM19, PPJ95,  
RHH+16, Ró05, ROC+11, SCK+00,  
SCP+21, TCMV20, TW+18, TC92, UZ11].  
design [VVC+03, VSM02, VR00, VPP+19,  
VP94, WWD+14, WXLY15, WSL+19,  
WGM15, dOWdAS+18, WKTO0, XZL+19,  
ZDL+13, ZYL+20, ZLG+14]. design-space  
[SCK+00]. Designated [WHJ20].  
Designated-verify [WHJ20]. Designed  
[DGR+19, YLJC020, ZIW204]. Designing  
[AB18a, AMBD+20, BGL+05, GMC21,  
GBE00, LTMW19, OdO+13, RMLM20,  
ST98, XLL+19b, CFPC17, DGCGB+17,  
Mér17, TKT+08]. designs  
[BDG+19, JPW20]. desirable [PKB19].  
desktop [BCB+07, CCL+14, DSS07, FK12,  
KWK16, KFC+07, KJ12, KKL11, LJW13,  
RLP12, SWW+18, TPBS14, TKTG19,  
VKK14, WFC07, CB10, KNK+08, KL+05,  
LTTOT07, SBHD08]. DESRP [LWZ18].  
destructive [DP20a]. Desynchronization  
[SSB+20]. desynchronized [Tm18].  
detailed [LR06]. details [SCLC19]. Detect  
[WW20, JXC+19, LYS+19, MS20, OHÁV20,
PZC19, RZIX20, RGRV+20, SGL+20a, SAG19, ZZN04]. detected [BCF16].

**Detecting**
[AJPM20, BOHCC17, GDCGCVPVG21, HEL+20, Kho21b, MLWA20, MJSW21, RKB18, WLW+18, AGYS20, AMM16, CZ14, GPWL20, GIPS20, JSV21, KSA+20, LA19, PLBOC20, SCB04, SM15, SK05, XWM20].

**Detection** [GMLGB+17, GHP+18, GLXF17, IntrJ+21, LMM19, MSLJ20, MKC+21, SAPA17, SOK+20, UKK+21, VMM20b, XY20, ZJW+14, AD18, ABDH19, AM16, AHIH20, ASAAM+19, ArMS19, ArMA+21, AIP+19, AAS+20, AJJ+21, AHMS18, ASYF18, ATT+20, AKM18, AS18b, ALFR16, AM19b, BTG19, BSF+20, BBH18, BARM20, BSOK+20, BCB+20, BR19, BR20, CCC+21, CKL20, CXZC18, CXHS20, CYYV+19, CTU19, CDP19, CRC+19, CWLZ19, DAA+21, DJPM18, DR20, DNNJ17, DC18a, ESSS+21, ENC+12, FJ18, FZHH14, FLF+21, FMN+20, FS19, FHF20, FIABC+20, FCD+14, GS20, GAFFOC12, GKB+20, GPWM21, GFM+20, GDK20, GPM+14, GST21, GRS+19, GNGG17, GST+17, GSC+19, GTG+21, GMC16, GMCW18, HGL+18, HPY20, HJA+19, HHS98, HLT+21, HNJC13, HZ+18, HZW+16, HAA+16, HIA+18c, JNHL18, KHWZ18, KIAD19, KJ19, KAW12, KTV03, KPK00, LRL+14, LJY10, LLN+18, LJJ18, LTMW19, LYC+19, LW+20, LQ+20, LYXT14, LSL+15].

**detection** [LJ+19a, LXT+19, LYWY19, LLY+20, Lin21, LVNC21, LWR+19, LPL+20, MLC+20, MKV20, MSV+20, MH19, MAY18, MGA+18, MRD+20, NADY20, NK18, NGB18, NJN17, NK20, NO19, NED+20, PMK18, PCK20, PWW14, PZZL21, RBGA18, RAA+20, RCF+21, SMU+21, SPT+18, SC19, SOD18, SD18, SMRM13, SI18, SSA+19, SEHS19, SY+19, SLC19, SB18, SGBK19, dSCG19, SGS+18, SDV+21, SBK18, SJL+18, TGJ+20, TBS+18, TTD+20, TMB+19, UPD+20, VFOV20, VP20, VSNB19, WWH+17, WJS+18, WWZ18, WXZ+18, WCM+19, XFTZ16, XLS+21, XI+19, XCL+20, YWJ+18, YARH18, YCXM18, YPX+20, YJL+19, ZHZ+18, ZG19, ZRZ19, ZZ21b, ZHP+21, ZCWC20, ZCS20, uRK+21].

**detector** [MDFTG19, MS20].

deterioration [WWX+17]. determinant [GSC11]. Determinants [CT19c].

determination [AP20, CL+20, Dör05, KKI0b]. determine [FM10b].

**Determining** [ARB20, SOA17, SS17]. determinism [WPGN+18].

**Deterministic** [Gue01, GOLL19, MK06, WLGL19].

deterministically. [LOK09].
deterministically-routed. [LOK09].

**Deterrence** [SMF+19]. develop [Ham19, ZBF14]. develop [BPLFRL20].

**Developing** [AAB+92, CdST+20, DW87, GW01, GTM19, HZZ+14, HJC14, LLMP13, SR19, GJS+94, Ham17, Kim14, LJS17, LGS+07, LJK17, MhCEANSM20, Reu03b, SWW+13, TKA+18a, WCH+18].

**Development** [BFR05, BHH91, DDO+92, ELS20, GML99, IMKB89, MZZ20, YA02, BdCYG05, BHH92, Csl94, CGL15, CFÁA+20, Dal03, Dek86, DZJ+00, FJ00, FR08, FSP+18, HRSW99, Hen87, IMSV90, JM20, KDFL99, KMST19, KV03, Li90, LWHS07, Mat89, MMPF19, RG04, SBLW14, Sip12, SHJS+10, SCJ+19b, TBK+10, TF17, TBCC18, WM98, dFBP+17].

**developments** [Sch94, SSZ13, YAGG18].

**Deviation** [WHY+17, HKP10].

**Deviation-based** [WHY+17]. Device [HCHH19, WWV17, uRLW+21, AK20, CHG+20, CLK11, DLR+09, DSBC19, FLG+20, FRM+18, FHG95b, Kaw92, KPG19, LHL20, LPL+16, MKS18, SGFS01, SLDK03, SZG+19, SW06, YW21, YHC20].

**Device-centric** [uRLW+21].

**Device-to-Device**
[HCHH19, WWVJ17, DSBC19]. Devices [BDM19, WLP18, APRC16, ACG+20a, AT19a, AKB+18a, ACD+19, BSRR18, BOP+14, CFK+20, CRRC18, CBPP18, CRC+19, DC17, EYV19, FFADFD20, GMM18, HMZ18, HLH+20, HCW+18, JCA+19, JKLK17, KMM19, KK97, KKA18, LKJ+19, LQS+20, LLFQ21, LJ19b, LCMX16, LNY+18, LYL+19, MMC+18, OMSL20, OB04, PCK19, RSRA18, SAGGB17, SWW+20, SGS+18, TLC+15, VFHB14, Wan18b, WWG19a, WG+X19, XCB+20, ZDM+19]. DevOps [WBKL16].

DEVS [SZP00], DEXIN [FLT17].
dexmedetomidine [FHFM19], DFINT [QC18]. DFT [BST+04], DGC [TF18].

DGSD [SHT+21], DGX [GDS+20].
DGX-1 [GDS+20]. DGX-1/Pascal [GDS+20].

DHT [HNK18, HZ10, PTT12, TJSW10]. DHT-TJM19. DHT-based [HNK18, HZ10, PTT12].
diabetes [GP11, VFHB14, OOB+21].
diabetic [NDA+19, PRPFRL20].

Diagnosis [TBG+20, AAN+18, AAS17, BvdBM+93, CLZ18, CFL+15, CD99, DFT92, DRD20, FM10, Han89, KRA21, KHO+19, KLV+18, KE85, LYH+21, LSGA20, MSLJ20, MHO1, OOB+21, SB19c, Suz89, WFA20, XY20, ZHD+20, tVh96].
diagnostic [ASTEP98, MSKG21].
diagonal [DL03, PSS+18].

Diagram [GGCIV20, KSO2, SCK+00, WZW+19a].

DIALOG [ZT90, ZT91]. Dichotomous [RRKA19].
DICOM [EGAQ09]. dictionary [DP16, ZWVL18].

DIDDOS [urKI+21].
diet [FHGF20].
diet-related [FHGF20].
difference [AO06, BG12, CS93, LLL+19].
differences [KHL20, Nit86, PBHK01].
different [BARMB14, CKW21, DFRGR14, JZWL17, MRD+20, RJN+19, RWY+18, SD06, SHH+19, SCG+18, TG20, vM94].

Differential [DL03, BC03, CHC+20, Del06, HZL18b, KS18c, LWZ18, PSY+19, SCR20, SS03, TM19, WZE19, WFL+20].

Differentially [TGAP20, ZXL+20, WLL+19a, ZLXZ18].
differentiate [LBY+20].
differentiated [PEG05, SPBT07].
differentiation [Bb05a, Bb05b, Fam05, HNP05, HHG05, HNS05, Pal06, Rb05, SBLT05, TSBH11].

DiffServ [BLO+18].
Diffusion [BKS98, vdS04, BMM01, DH16, JNR01, KZC04, Mar02, TWG+19, WRCC17, CSV+12].
diffusive [BMZ10].
digest [BK19].

Digital [AFS16, LCHW14, MLC+11, QC13, QC18, SK20a, SR19, TS08, ACMM19, BR019, CCM01, DGA18, FBBW99, GTM19, HESM99, KY85, LCH+11, LLHC12, LQF19, MJGW18, MAC+15, NXX09, OAHV20, PC09, PMMG+20, PKP19, QCX18, RCR21, SI19, SSFFR19, SSA+19, SST+06, Weii1, WSTW87, ZSM818].
digitised [OPT+17].
digitized [SHT+19].
dilated [GWZ20, GFZ21].
dimension [SAK0K3, ZAB15].
dimension-ordered [SAK0K3].
dimensional [BP02, BS04, CHJ+04, CCW+20b, CFL+18, D804b, DPFM18, DSH+99, DB09, EFD00, EP13, FNA12, FHG95b, GDA18, HZW19, MJGW18, MAC+15, NXX09, OAHV20, PC09, PMMG+20, PKP19, QCX18, RCR21, SI19, SSFFR19, SSA+19, SST+06, WEII1, WSTW87, ZSM818].
dimensionality [WDHY20, BFR99, MZOY19].
dimensioning [TDV+08].
dimensions [BCM20, EHT10, WMBV17].
DINCast [GNWT05].
DIPAS [TBEN09].

Direct [EDH+13, NEJP94, VWVC+19].

Directed [WTC+02, DK14, RSRO1].

Direction [HAA+20, DHW+17, Dör05, Fur92, RSBM20, ZG18].

Direction-Aware [HAA+20].
direction-preserving [DHW+17].

Directional [CLL+18a, ABS+18, LOK09, MR02, OS06, XZW+19, YPCK12].

Directions [CDFZ16, AAA20, AOS84j, CRRK20]
CGBAP18, GVBG17, GBMP13, HRC19, KSS+20, LLWZ18, LKM91, MND+19, QKC19, VB18, YS16, dCTVC18. directly [De 88, ZCT+04]. directory [Ohy89].

Dirichlet [KDE04]. DISC [RdSH+00].

disabilities [RMSPP17]. disabled [HFT+16].

disaster [AT19b, DCC+14, MM21, NKP+16, RAA+20, RCMT18, SGRT19, SA14].

disaster-inspired [AT19b]. DISC [IMS+90]. DISCERNER [FCOJFM21].

discharge [DFG+00, LZH+18]. disciplines [LKK+16].

disclosure [LYN+18, NNUV20].

discomfort [XJY+18]. Discord [SCB04].

Discover [ALTG19, AVPV17, LJPS05].

Discovering [DFG+21, IMu+21, LLG+16, WFQ+10, CKFT20, Fer13, HHLZ20, LC15, SSC09, VGBLGS+06]. Discovery

[BB+13, BCF16, KK11, ASH02, AAS+19, BMH10, BCR+12, CWJ19, CCT13, CQ13, CCL08, CH10, DMZ19, DMP+19, EK11, EBOY14, EA17, FFP+10, FMS08b, GAC+17, GDJ+13, GB10, HB08, HCC+14, HZC10, HSV+17, KKL11, KIC+12, LCBF13, Li10, LZH+18, MLL15, MCL+16, MHC14, MTV05, MP02, MV09, NMRK21, Pal13, Pip10, PPTT12, PPL+15, SNWMC21, SB17a, TD21, TLD+21, TTP+07, WLLC20, YSC+19, YCZJ18, YLA18, ZAB15, ZL13, ZZ+19, ZCL+19, ZWW+20b].

Discrete [She00, BMP+16, LCW+18, MYM+21, NB04]. Discrete-event [She00].

discretization

[GBM20, LTK12, RGHH18]. Discriminant

[Che20, CLY14, HLL12, PZC19, YPCK12].

discriminate [AHMS18]. discrimination

[HLH+18, XLL+19c]. discriminative

[WZY+18, XWK18]. discussion

[BOHCC17], DISCWorld [IIJS+99].

disease [AAN+18, ARP+19, AYA20, AAS17, DRC+19, ESS+21, HUY+19, KNR121, KKP+05, KHO+19, KL+18, KSS+21, LSN+20, MSL20, NDA+19, WC19, WCWC20, XL19, YXLB20, ZZXL18, ZZZ21b]. disease-EEG [KFP+05].

Diseases [TBG+20, GDC+20, HES19, KE85, SM18, VFB14]. disjoint [IMu+21].

disjunctive [TSR+20]. disk

[CFG+03, DLXR14, HLH+20, LJI+13, NP06, NQQL13, YK20a]. disks [CkLC06].

disorders

[AHMS18, BAGRB+20, CPE+17, XLCB20]. dispatch [WLH16]. dispatching

[KHHT21]. dispersed [ED19]. dispersion

[WZ19]. Display [KID+16, FHGF20, KWK16, MFM+20, NRR+15, PSG+06, RJH+09, RRH16, WY19, XJY+18, YDK11].

displays [BOP+14, PDK10, RMA+16].

Dissecting [BCCS20]. dissemination

[BK16, FMS08a, GRTV10, MZD+16, ROK19, SJ14, TLL+19, WL10, ZWJ19b].

Dissipative [WL18]. Distance

[FRG+09, GGCIV20, PYH+18, TKA18b, ZL13, CZG20, CZL+18b, HKU+11, LW+18a, LWLH20, OMKM+19, SPT+18, TJJ+20, WDD+14, WGLH20, ZSGJ19].

Distance-aware [ZL13, ZSGJ19]. distance-based [CZG20].

distance-fitness-based [CZL+18].

Distance-Join [GGCIV20]. distances

[MGH+05]. distinguished [HWW04].

distinguishing [SM18]. distortion

[WM21]. distress [MNC+18]. distribute

[FT07]. Distributed

[AWYJ16, Bag16, BP20, BDF+99, BCT+07, BM08, BBSV92, BM92, BKK02, BDHK06, BPS+03, CTT02, CGV10, CZY+18, CK20, CMT+16, CMMK19, CkLC06, CTT07, DRC+19, DVV90, DC+18a, EH10, FTM20, FC09, FJT01, GdOA20, GLV18, HH98, HCZW17, HV92, HB00, HAB+06, KKO0, KG95, KKS+18a, LSG+19, LIHS07, LLH07, MCK+21, Mul92, ML17, OdI14, PT16, PZY16, PIP+18b, SHT+21, SSG17, SKJ01, SWW+20, SSL13, SLW01, TCG14, VVC+12, VVC+03, WMLS14, WM07, XHL+19, uRK1+21, ABS11, AdI14, AT01, AS19b, AB18a, AB19c, AMH+92, ADAHK20,
Distributed [CST92, CWD04, CZL18a, CZY19, CDF05, CRC13, CLR16, CBK01, CDDR17, CCW20a, CCL11, CBT19, Cho04, CBN20, CCM14, CS93, CGST09, CPLH19, CF20, CGM18, CRM05, CBBdL16, CLM14b, DCL00, DBA98, DAM08, DT93, DRNMC09, DR15, DDM08, DL00, Din03, DdM10, DDB14, DM12, EK11, EBOY14, EMHE21, ECFP17a, ECFP17b, EGDT20, FGRZ09, FB97, FAL99, FGG13, FJ00, FFPS10, FM10a, FBW99, FGB21a, FGB21b, FSP18, GA13, GMEL08, GAI18, GA06, GIM16, GM11, GKT15, GW01, GSY+17, HC99, HAC92, HST+18, HPP94, HZDS19, HLNN11, IS18, JRJ+11, JSDK+06, JHK20, JLD+19, Joh92, KMB16, KS11, KANS18, KYB+19, KB18, KKBK19, Kim07b, KNK+08, KcF09, KKL09b, Khes21, KNV20, Kob92, KB00, KBB+16, KOP+17, KPK00, KJ18, LB03, Laut01, LR06, LCBF13, LL03, LZZ+17, LGW+17]. Distributed [Li20, LKG08, LWS07, LLW+19c, LC15, LSH+11, LZXG12, LYS+20, LJJW+20, LKK+16, LMA+19, LBU+10, LCCM18, Luk89, Luk00, LM12, LH+09, MYHZ18, MCSS00, MDA+19, MSTN21, MYM+21, MSS+16, MLSF16, MAA+19, MKS+19, MGPLP113, MROD40, MMR02, MCF20, MW12, MFSV19, MQN19, NFK10, NSIO2, ODK+17, Ole07, Öst92, OSO1, PBV+13, PdASM18, POMK20, PY00, Par04, PSW+14, PH99, PX07, PGTCB18, PSG+06, PMT10, PZY17, PCH99, PVBH05, PSBB15, QP08, RHI+16, RSL21, RHB08, Reh06, RLR13, RHJ20, RMHCMG15, RMHMG17, RM97, SB19a, SGRT19, SZC05, Sap88, S2P00, SBSdL06, SK20a, SY04, SD02, SLG+17, SMSF18, STB+19, Sin92, Slo96, SD03, SDA21, SHJ06, SLO+05b, SSB+20, SCC20, SHLB08, SM96, SLL+10, TCMV20, TC06, TJLT00, TBdL16, THT12, TRB09, UdvdW+18, VPT+15, Van93, VR00, VLG03]. Distributed [VBLS09, VOS12, WHZL10, WTR+13, WWW+16, WHS+17, WWG+19b, WGW+20, WSH99, WHYZ17, WHYZ18, WLLC20, WB90, XZ+19, XXY20, YA02, YHJC05, YXY20, YZW14, YWF+10, ZCT+04, ZL+03, ZMS+06, ZWL13, ZWW+13, ZSX+15, ZWHC17, ZTKF17, ZWJ04, ZCW+04, ZW01, ZJ19, ZSB19, dSdG03, dSFD19, dKdOS03, dLB10, BCF10, CDE06, WAE06, YMY+17]. Distributed [BM92, EGDT20]. Distribution [KK19, KT17, AC18, BN21, BTM06, BGP+17, CRC13, CYH04, CdRRdCB19, DLW07, DS08, DJH+19, FHZW18, FR08, GCM21, GZL+18, HFM19, HAAWH+18, KTKN11, LB18, LGH97, LJY10, LSYC18, LOK09, LJW+19b, MOFGP18, NKX09, NMZC06, NK17, NLO+20, RPP+20, SA14, SSH19, Tor13, USK16, VCDK18, WFC07, ZTKF17]. Distributions [BARMB14, BDKH06]. Disturbances [VLAC+13, RYR20]. Divergence [VS13]. DiVers [HD016]. diverse [BCDV+19, Cha20, CCJ16, CFPC17, MC04, NK18]. Diversified [HPY20, LWW+18a]. Diversity [AKJJ20, BORM07, BCD+19, HJK+04, SLW11, ZSJ19]. Divide [SYYuR21, KTB18]. Divide-and-Conquer [SYYuR21, KTB18]. divider [DJJ+18]. divisible [AOIS10, GOBL16]. DL [RFd20]. DL-Focl [RFd20]. DL-Foil [RFd20]. DLM [Pud87]. DLP [FAAS20]. DMPO [YCC18]. DMPP [Ste92]. DMZ [XLL18b]. DNA [CGH04, CS05, ECDT20, Kar01, NRV+17, WMN+01, YW21, ZRZL18]. DNS [GDOAO20, HSGY20, LKJ+19, YL20a]. Do
[TDLT20, ACBM15, AMRM18, LMZ+14, BSH+21]. Do-Care [BSH+21].
do-it-yourself [LMZ+14]. DOC [SSG17].
Doc2vec [CXZC18]. Docker
[DSS19, DL19], docking
[IPG+18, TKTG19], doctoral [SR03].
document [FC09, LYT+05, LLS+14, QG20, TDBR18, ZL04a]. documentation
[WGM15]. documents
[BD18, CZ14, CZ19, KFF89, SW17, YJL17].
Doddington [MCRB19], DOE [RS16].
Dolev [BDNN02]. DOM [GGC18].
DOM-Based [GGC18], domain
[AMI16, AR20, BFK02, DOR+21, FSM+18b, GZLZ16, GXD+09, GDAS18, GSY+17, HND06, Kad20, KZA+18, KCB20, LKA+19, MvdV01, PSV+20, Pri95, SD20, SC19, SMC18, SNS+20, SCEE18, SLY+19, SSB13, WCHA20, WMBV17, XWZ+19, XLS+21, XLW+17, YZL+18, YLC+06, vOHD+05].
domain-independent [SD20].
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[AL14, BCPS03, KOT18, LLM+16, SG17].
dome [KO11], domestic [SH19].
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[BRH18, KSSR20, WM21]. Donald
[Ano87]. Donating [WPJ16]. door
[ZTC+19]. Doorees [vdr87f]. Dordrecht
[vdr87f, vdr87k]. Dordrecht/Boston
[vdr87k]. Double
[LEW19, DCBF19, KA88, LBJ+18, LY18b, RWC21, SS21, TTT20].
double-blockchain [RWC21].
double-orbit [LY18b]. down
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download [CGL08, Li15]. DPM [CGM+18].
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dragon [CLR16]. Dragonfly
[CT19a].
drainage [ZMZ+19, ZMZ+20]. DRAM
[CSJ+17].
drawing [BIC05a]. drawings
[NW89]. DRAXML [SLO+05b]. Dredras
[FBL+20]. Dreyfus [Zad87]. drift
[HXC+18, IdAP19, TSRG17, XCL+20].
drifts [ST20a]. drilling
[LZL+19a]. drive
[SMC+20, SYW17, VS19]. drive-thru
[SYW17]. Driven
[MZZ20, VV92, YTHY84, AJY12, BFS+17a, BFS+17b, CVKB12, CSL19, DCC+14, DWS12, FC05, FPH+21, FFC+18, FZT+18, FTP14, FG14, FFC12, Fr94, GDGCV20, GEG14, GFB+12, GMP+16, GHJ+19, GKT15, Ham17, HHHK18, HB19, HX19, HXX+19, KCK16, KADJ14, Kol18, KA1, KKS+18a, LSN+20, LDGS, LJC+19, LXF19, LvW14, MFC+19, MIMS20, MTH+05, NJH+18, NJ16, ONHT89, Pal13, PLB1C20, PMK18, PKC+05, PdAF12, RZ16, RB13, RAS+20, SYG+20, SBG+09, SEK+20, SLZ+09, SMS14b, TSS+19, TCBC18, VCBK12, VETT16, VPP+19, WVCV94, WHL+19, WWS20, XWW19, XZJ+19, XHW20, YML13, YJB+21, ZCM19, ZAA+14, ZCX+18, ZLT+19, HDN+20]. Driver
[BQJ+20, JCMPPC+18]. Driverless
[DRC20]. drivers [PWP+18]. drives
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[BQJ+20, FPL+19, LKM91, OMK+19].
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[ASAAM+19, KSS+21, LLN+18, NMRK21, SBMN21].
drone-based
[KSS+21]. drones [PECA19]. Drop
[CNP+19]. droplets
[DFG19, QC13].
DRTHIS
[HD+19]. DRTM
[JDM+15].
drug
[DFG+21, HSY+17, KKL11, MMVS19].
drug-protein
[MMVS19]. drugs
[WWA19].
drying
[JUN18]. DSII
[AMA+21]. DSM
[RPP+20, CCS+10]. DSM-based
[CCS+10]. DSP
[EFD00]. DStore
[XXB19]. DT
[vKvWD+13]. DTA
[XWJ+16]. DTM
[WZC18].
DTRM
[LH+18]. Dual
[HPL+19, BWR12, BW13, ESP17, QCH19, RPP+20, VADIP12, XZZ+19, ZDR07]. dual-band
[VADIP12].
Dual-Level
[ZDR07]. dual-port
[ESP17].
duality
[UM02]. duct
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dumps
[DAI06]. duplex
[WGX+19].
duration
[MSK+21]. Durham
[HER87].
during
[AKM18, BDM+19, BWR12, MM21,
MSK+21, Niw89, RS17b, RH20, SK18, SLC+17, SE19, TPF+20. DUSKG [WWH+19]. Dutch [BVP+87]. DVC [CT09]. DVFS [BBC+12, HSS20, KAEC+18, SK19, ThS+19, WCC14]. DVFS-enabled [HSS20]. DVS [LLC14a].

DWARF [HSS20]. DWT [AM19a, KHO+19]. DXT [HSP+13]. Dyck [SAM+19]. DYMOS [Suz89]. Dynamic [AMT+12, ABN19, ABB19b, BK19, Ber00, CBC+19, CsZzG+13, DMG+08, DLLTGMP16, DRR+07, DHD20, EG18, FTM20, FCQFM21, FZ20, GGY+20, GGD+18, GMT+09, HYG+19, JEB18, KKK+19, KMK+09, KMK+14, LWT19b, LD17, LZZ+19a, LCL+18, LH07, IWSY18, MNV12, MD+15, NV11, NSSA+14, OSH+06, PSP+16, PNL+21, Reh06, RN01, RSJ+14, SME+21, ST11, Sch98, SE19, SLC+16, SCJ+19a, SGL+20b, TLYT05, TM+17, TMB15, TASA+18, UUK+21, WCHL10, XWJ+16, XWW20, YZC+19, YCX+18, ZAB15, ZH20, vOH+05, AM20, AAC04, APF07, AHL11, AL14, AKP01, ASD12, AN08, BML18, BSH+21, BN17, BTM10, CLRL17, CDR+17, CECS20, CJHH+13, CWJ+18a, CGSV+17, CNE+19, CS19, CBBdL16, DSK+14, DBH02, DPB19, DGR+15, DFZ+20, Dog09, FTL17, FM+17, FAL+19, FVFA98, FWB13a, GQLX, GEG+14, GS+16b, GMEL08, GB10, GNWT05, GLB+18. dynamic [GZQ+19, GZF+20b, HZW+18, HRW18, HM+14, Hua05, HPLL09, HBN+13, IT20, JA20, JBR+16, JSS+12, JK17, JM01, KIS+11, KCM+19, KID+16, KC19a, KYY+20, KH18b, KAS+18, LHC+20, LCP04, LYY18, LXY18, LW1L19a, LWW+20, LHM14, LJJ12, LQY+21, LN18, LWLH20, LZC3MV20, LEXH20, LLRC94, MECRF0, MGVC06, MFMSG20, MPC+18, MWCK19, MR04a, MTD18, MDD15, MSH19, MW12, NGCB20, NNH+20, NPP12, OWX19, PLBO20, PA01a, PAL+19, PNN14, PSH+20, P01+16, PFL17, RML+19, RB18, SR12, SME+19, ST20a, SHP+16, SRZD15, SAT20, SLD+15, SLG+17, SGdMM+96, SGJ+18, SSC+19, SYAL13, SY18, SYQ+19, TSB20, UDST19, VAdlP12, Ven08, WG00, WCM+19, WWZC19, WZD19, WLY+20, WLA+18a, WZ13, XWD20, XWJ+19, YZL+18, YZ12, Yu21, YMY+17, YDQC19, YNK+20, ZSMS18, ZDR07, WNMV20, Suz89].

dynamic-key [LCP04]. Dynamical [LMCC89, BKB18a, GLW99, Lop03, MPQ+03, XTT18]. dynamically [AAB+92, ABN17, LK17, QCY17].

DynamicCloudSim [BL15]. Dynamics [vOB95, Ban05, BMZ10, CM99, FAJP99, GPS+17, JTB13, JL03, KNRI21, KV+18, MCRB19, MR19, MF93, MR00, PHM+99, RGRV+20, SCK+00, TBO+20, TA21, Tur04, WJL18, Wos99, XDZ+21]. DYVERSE [WMNV20].

e-commerce [KF00, YDL+20, ZL18].

E-Health [AMSPL19, WMX+17, KIJ+19, RGN+18, VRS+19, PKY+17, YZL+18, YZG+18, ZAA+14].
e-Healthcare [IFD+19, ZZXL18, JNS+19, LZZ+18b, ZHGX20].

e-infrastructure [MSS+13]. e-Lab [BGP+06].
e-Learning [CJN+15, CLL+14, SG20, TNY+17]. e-mail [LL04b].
e-markets [VPT+10]. e-payment [CLM+14a].
e-Science [BDP11b, CB16, CF09, DGST09, HT02, ZBB09, BHD09, JHL+06, SAGL10, SBG+09, AC10, BH13, KA13].
e-Social [LSA+13].
e-Toile [BBG99].
e-VLBI [WW+14].
e-voting [KAK20]. e2S2 [KL19].

Eager [CK00, KGW95, MSS02].

Eagle [GGJ19, LPP+18]. EagleMine [FLF+21].

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Early [AAJ17, ACE02, LYDCC21, ZPPE17, ArMS19, ArMA+21, ESSS+21, KNRI21, KRA+21, RGRV+20, SPT+18, UZ11, VMN+18, ZHP+21].
early-stage [ZHP+21].

earth [GNO+01, SSM+95, Bre89, CCM+14].
Easing [LP01]. Easy [CPJ+21, WWG+19b, ABF+03, MZC08, ZDW+16, vdPGZ+16].

Easy-to-be [WWG+19b]. easy-to-use [vdPGZ+16]. EasyGateway [GRZ+19].


Economic [ABB19b, AA18, AdAHK20, ECU [KR19].

Economical [CFH+19, GFW+18, LLZ+18a, SS21].

Economics [AAC+19, ABP18, ABT20, BAV16, VAR14, ARB12, AR10, TL19].

Economy [ABG02, ABP18, FdAGdAFV19, HKH13].

Ecosystem [AMP216, Dho20, DDMPG17, GHG19, GPJA+14, MVL+18a, Sha16].

Ecosystems [CGM+19, LMBCC89, RKG20, SRdPG19, ZZDM+18].

ECRC [Gal87].

ECSnake [AdAHK20]. ECU [KR19].

EDAK [ABB19b]. EDAWS [WHY18].

eddy [NEJP94]. Edge [AJR+19, AR17, AAP21, AHM+18, BSS20, CLH+18, DMC+19, ETH20, FPMJ21, FFB20, GSP+17, JHJ19, KAH+19, LOR+18, LSL19, MPLM18, OFMZ18, QKG20, SRT18, WZM+18, WWL21, XLL20, ZZF+19, AHS+18, ANG+19, AHU+19, AM21, AdAHK20, AK18b, AMBC19, BEB+20, BCN+19, CFG+19, CFC+20, CXWT19, CLY+20, CWL20, CGSV17, CGM+19, CF20, DCZ20, DLL+19, EZTL19, EBCP18, GCT+20, GCCMK+20, GRX19, GCZ+19, GZG20, GRRpG20, HCKW21, HHS98, HTXW21, HMA18b, HMW+19, HLW+19, HLW+19, IG12, KZ17, KA19, KA21, KGO+20, LHC+20, LW18a, LTT19, LWTL19b, LWTL19a, LBGL20, LY18a, LGL+20b, LWZ+19a, LCY+19b, LCLW21, MLC+18a, MCAS19, MBMTJR18, MWL+20, MKC+21, NLSY20, QZD+18, RGN+18, RR18, RRD21, RAA+21, RLM18, SPJ17, SYJA19, SCP+21, SCAC+19, SLL+18, TGM+19a, URN+20, WLP+20, WLD+20a, WC20, WLMJW18, WLH+19, XKK20, XCH+20, XZW+19, ZZP+19, XL1+19a, XXQ+19, YWQ+20a, YLKK20].

edge [YCH19, YCX18, ZBTB+20, ZZ19, ZLZ+20a, ZPQH21, ZY+19a, ZZW+21a, ZH20, ZHLM20, GQXL18, WMN20].

edge-aware [ZBTB+20]. Edge-based [ZSF+19, AM21, CGSV17, ZPQH21].

Edge-centric [AHM+18, ZHLM20].

edge-cloud [AK18b, LWTL19a].

edge-crowdsourcing [SYJA19].

edge-enabled [ZZZ+21a]. edge-IoT [EBCP18]. Edge-of-Things [GQXL18].

edge-stream [GRX19]. edge/cloud [ANG+19]. Edge/Fog [QKG20]. EdgeABC [XGS+20]. Edges [ACY20, ACDY21, BDL+19, VMM+20a, ZSF+19].

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Editor-in-Chief [Fae21].
Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano95c, Ano95d, 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]. Editorial
[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, Ano19i, Ano19j, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f]. Editors
[Ano03b, Ano03c, Ano03d, Ano03e, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f]. Editorialship
[KAa99]. EDOM [ZTQ^+20]. EDPPEPPS [DZJ^+00]. Eds [vdR87a, vdR87b, vdR87e, DLH^+17]. education [AMB03, Avg00, KACN16, KZBK99, MM18, SG19, Wie03]. Educational
[AD00, MJ00, Jon00, RMM^+98]. eduGAIN [TOS18]. EEG [AHD^+19, AAM^+19, CHG^+20, CMI^+19, De98, JSS^+99, KKP^+05, LF21, WZY^+19]. Effect [FFHM19, PLGMC^F18, Tor04, Bo19, Bo20b, EKJ^+20, JLC^+20, MC20, RWY^+18, WWP19, WWP20, YWG^+19, YWG^+20b, Nit86]. Effective
[KV17, PKF14, SCBK^+16, BGR20, BDA^+05, JMW^+8b, BB00, CSS00, CSQ17, DMC^+19, DLS^+12, ESS^+21, GR07, HAK^+21, HHL11, HCL07, HYC^+18, HPLL09, IMM^+20, KS18a, KWB19, KK16, LML^+19, MFG^+14, NHTH20, PFRC16, RT16, RAA^+20, STS^+20, SBA^+17, SK19, WWH^+17, WMX^+17, WWH^+19, WY17, ZBCT17, ZRZ^+14]. Effectively [LQW^+20]. Effectiveness
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[ABB19b, BK97, Ber98, BBL^+05, CXL^+17, CAPG18, CCHD21, CXC^+18, CDY^+20, CFÂA^+20, DZ98, DLH^+17, ELAEVAM19, FXG^+19, FGG13, HFM19, HZL18a, HDLW13, HYL^+20, HNV^+20, JC08, KCV11, LLYW19, LR01, LGK07, LQK^+16, LAL^+14, LXX^+14, LHO17, LFHQ19, LLL^+19, LNLA19, LSTV07, LLM^+16, NQH^+20, NWMG17, OBG^+18, PHL98, PRS^+13, PWMX17, PPS^+18, PRN14, RAA^+21, RM11, SJ14, SL5^+20, SL87, STH^+20, SZW^+19, TEL^+15, TV08, VKK14, WCC^+16, WHS^+17, WCM^+19, WWY21, WZX21, WZ17, XGW20, XW20, XWXX17, YZC^+19, YHL16, YLA18, YNL19, YNK^+20, ZGB^+17, ZXJ^+14, ZWL^+16, ZFS^+18, ZWJ^+18, Aba09, ABMM18, AMM^+20, AMH02, AR15, AQRH^+18, ARP14, AHYF19, AS18a, AKJ^+20, AAM^+16, AMBD^+20, AK18b, AMBC19, ANH^+21, BYR^+20, BK16, BZ19, BAB12, BPS06, BFRO5, BGLC20, BMH10, Bu18, CMX^+16, CRM^+16, CP17, CA21, CFMC19, CLM^+14a, CSJ^+17, CXXL18, CSY^+20, CPJ^+21]. Efficient
[DSBC19, DHW^+17, DAM08, DVD12, DC21, DVEE^+20, DHA^+20, DQLW15, DFZ^+20, DR18, DLL20, DNP14, ECE^+19,
email [FAAS20]. Embedded
[ADH+16, HYZS16, LSAM13, AMR18, BCSS20, CXZ+19, CRRC18, EYY19, FLR+16, NWE04, NQH+20, Pud87, QZM+18, SKH20, STC15, SMC+20, VRGR16, ZXX+20, ZDM+19, LLS+14].

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[AR20, GDCGCPVG21]. emergence
[ZZS+18]. emergency
[BDM+19, GAW+18, Gra01, ODC19, RGSL18, SSK+19].

Emergent [MVCC10, BDK+20, SHRE16].
Emerging [AWYJ16, HM19, KHL+18, RR18, YGS16, YMS20a, BYV+09, CDMR19, How91, IB20, ZGL+18]. EMIH [GSY+19].

EMIH-FPMIPv6 [GSY+19]. emission
[JCMPPC+18]. EML
[TDFZ18]. Emotion
[LF21, CPP+18, CC19, DYC+18, LRL+14, dAMVULM20, XLCB20, XLL20a].

YW+20a, YXY18. emotion-aware
[YWG+20a]. emotional
[ADH+16, HZPS21]. emotional-based
[ADH+16]. Emotions
[CRC+19, AGdS+21]. empathetic [HZM14]. emphasis
[TAH514]. Empirical
[DP20b, IKLL12, CT19c, Cur92, DS09, GAB+14, GMP20b, LZJ+20, RMJ+18].

employing
[DOR+21, LRC+18, RSY+18]. empowered
[ML11]. empowering
[WLP+20]. Emulating
[ACPI19]. Emulation
[EJg20, FPP+18, SGN+17]. enable [MPP13]. Enabled
[HFT16, ZZLR18, AT19a, ATA19, ABB+03, AKB+18a, ABF+15a, ATM+19, AMPZ16, BS11, BKV+20, DWJ18, EPJ+05, FXG+19, FMM+20, FS07, GKB+20, GLM+08, GLW+20, HSS20, HGK20, IASK14, JHL+06, LSL+18, LLF+18b, LW18a, LGK08, LWSC07, LGKA21, MID16, MGYC06, MJ06, MPC+18, MFE+20, MGN+16, NJW+06, PKC+05, Par20, QLM+18, QCY+19, STB+19, SRP20, TOD17, TAS+18, UKK+19, VOS12, XLL+19a, XXQ+19, XAW+10, YWG+20a, YPJ19, ZXY+21, ZZZ+21a, GRL11].

Enabled/disabled
[HFT16]. enabler
[NMR21]. enables
[Bel16]. enables
[AB01]. Enabling
[AUSA19, BMH10, BP10, CDH+19, EKGS14, GSPP+19, HGG+14, IJCR19, JRJ+11, KDHP16, KPM+18, LCHW14, Mam09, MGA+19, RJH+09, RMHC15, TMV+07, TTK+14, TCN+16, WHBC19, WZW+20, WCKW10, YIA17, ZL13, ZLXH20, ZLR+15, AZH18, ARB20, DFRW17, ET08, GMEL08, KT08, KS18, LLAH13, MWC+03, MD08, PGCM+19, SSK+08, SLLF+10, WDR+19, YCH19].

Enacting
[ACC+19b, CAB+18].

Encapsulation
[HMS15, Bal16, JTBS15, dFVPSH14].

Encapsulated
[SDGCB+20]. Encoder
[QHE+20, LCL+18]. encoders
[RSY+18]. encoding
[JLCC12, KP12, TA19, XWM18].

encrypted
[AHM+18, BGP+17, CDL18, DF97, JLC18, KH18b, LXX+14, NJ19, SCZ+20, YXD18, YQZ+19, ZFH+18].

Encryption
[AMHIJ10, BLL+19, BGP+17, Bro19, CLC+19, CXWT19, DLZ16, DLL17, FAA+18, FH13, HMM20, HQZ14, HZL18a, HLH+20, HFT16, HYS17, HYS18, HYF18, JMSG18, KSSR20, KHMB13, LCP04, LLL+18, LDZW19, LL16, NNH+20, Pan20, QRW+18, TSR+20, Wan18a, WDZ19, WHF+20, WZCH17, XZP+19, XCB+20, XTZ+19, YWJ+19, YCT15, ZJX+14, ZDW+16, GMDPLC17, LAL+15, Sar18a].

End
[BGP+17, LOR+18, MGN+20, MGN+16, PWV+21, RHPV17, AHP16, ASAB+18, ATT+20, CWSW14, DJZ+15, GRZ+19, GBdRAC20, GGC17, JLU03, JM20, KTO8, KH121, LLMP13, LSL16, LLT20, MSL18b, PsvS17, PsvL+20, PWP+18, RAA+18, RMDB18, Wan18b].

end-devices
[Wan18b]. end-of-life
[PSvL+20]. End-to-end
[BGP+17, LOR+18, MGN+20, MGN+16, PWV+21, RHPV17, AHP16, ASAB+18, ATT+20,
end-user [JM20, LASL16, LLT20, RAA18].

endoscopy [KHO19, MKK+20]. endpoint [SCP09].

ENEAGRID [MDA19]. Energy [ARSMY19, ADA19, AS18a, AC18, BAB12, BBC+12, BCPD12, BRB+19b, CP17, CKW21, DQLW15, DDB14, DMM14, DCMW17, GBF+12, GCZ+19, GB20, HCDW12, HCHH19, KKvdB+17, KCS14, KV17, KVCY20, LBM18, LG+17, LYY18, LYYG20a, LYY+20a, LYYG20b, LHH+21, LSYC18, LG16b, LBB+09, LHY+20b, MDZ+21, MGT18, MMPF19, NDA19, OCCK14, PLP+19, RGM+19, SYJ+19a, SVD+20, SCY+18, SW20, SZW+19, SLY+19, TWI20, TuIS+19, THT12, URKM19, VEET18, WKC+13, WWZC19, WYD20, HWZ+19, Wu16, WLHH18, XZL+19, XZJ+20, YZC+19, YYD+14, ZMTT16, ZWH21a, ZZLH18, ABAJ20, ABB+03, APC+20, AK18b, AMBC19, BDPI1a, BDm11, BMK+14b, CJ14, CLP+14, DKV14, DPBK16, DSB19, DHA+20, DFZ+20, DHD20, DYT+16, DNP14, FTK17, GDS18, GFW+18, GLW+20, GAA19, HBEK20, HCMJ19, HSS20, HF+19, HRM20, HLL+17, HLH+20, IPCA+16, JRLS18, JFZL17, JKS20b, JEB18, KHTT21, KANS18, KSF+13, KHG+18].

energy [KMT14, KLP19, KKW+14, LTC12, Len16, LN13, LPK17, LPK18, LLQS14, LOR+18, LJGW18, Li18, LDW20, LCZR12, LZXG12, LCMX16, LPL+16, LHH+19, LLG+20, LGL+20a, LGKA21, LFY+19, LHY+19, LSY+19b, LEXH20, MN12, MC20, MGG+20, MDT+20, MPF+16, Mat18, MZD+16, MOW+20, MSFV19, NSSA+14, NQQL13, PSP16, PJBB20, PLLA18, PTD+18, PPMM+18, yQhJL20, QCY+19, QMSG12, QCD16, Qur19, RYH+19, RCTY19, SHR+16, SHZMA21, SB14, SMS14a, SSSJ19a, SL+15, SKH20, SK19, SG15, TSD18, TDSH16, TPBS14, TSGVRS19, TPD+20, TKA18b, VF18, VVC+12, VTTK17, VGC+13, WWC14, WHL16, WHW20, WCC14, XZZ+14, XDH+17, XZK+20, XDL12, YPLZ17, YJLC20, ZAH+20, ZG19, ZAA+14, ZGY20, ZXLH20, ZXD+19, ZAC+18, ZTQ+20, ZZLH18, Zhu20, dACAM13, vKLA+19, DYY+19].

Energy-aware [ARSMY19, ADA19, BAB12, BCPD12, DCMW17, GB20, HCDW21, LYYY18, LYYG20a, LYYG20b, LHY+21, MMPF19, HCMJ19, HRM20, JEB18, KANS18, KSF+13, KCS14, LTC12, LPK17, LPK18, NSSA+14, PJBB20, yQhJL20, ZAC+18, dACAM13]. energy-balancing [LYH+19].

energy-based [JKS20b].

energy-conserving [NQQL13].

Energy-credit [KCS14]. energy-driven [ZA414].

Energy-efficiency [DDB14, SLD+15, vKLA+19].

Energy-Efficient [SZW+19, YZC+19, CP17, GBF+12, LBM18, LYY+20a, LSYC18, LHY+20b, PLP+19, SW20, SLY+19, Wu16, WLHH18, XZL+19, DFZ+20, DNP14, FJZL17, KL19, LLQS14, LZXG12, LCMX16, LFY+19, PPMM+18, Qur19, RCTY19, SB14, SSSJ19a, SK19, VTTK17, WHW20, WCC14, XZZ+14, YPLZ17, ZXD+19]. energy-incentivized [BDPI1a]. energy-performance [XZK+20].

energy-saving [CJ14, QCD16].

Enforcement [SME+21, EKSDN19, Hua10, MG14, MG16, SME+19, SNM+20].

Enforcing [MKW+21, TTH15, LHC03].

engagement [BDWM17, FTK17, Kim18].

Engine [BBCN18, Ball6, BGNBH+20, DLH+17, FPL+19, KGT15, MB+20, RLR13, SSSJ19b, XLL18b, BG87, PS13].

EngineCL [NBB20]. Engineering [BLO+18, BZS18, GHD19, Kow85, RMA21, AC16, AAJ17, AMB03, Ano87b, BAP17a, BAP17b, Ben99, BDK+20, Bun03, CTM006, DFG+00, FPH+21, Hir89, Joh02, Kim07b,
Kow84, LPL+20, Mai91, Mat89, SK18, dSSCdl19, TY85, Van87b, VVC+03, Zhu14, ZWMC19, CECS20, SR03.

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

Engwwled [vR87h]. English [LC20].

enhance [ARbL+20, GMB+05, HCL+17, KHB20, LHX+18, MK19b, NNRA19, RM16, SMKC20, SZS+21]. Enhanced [GMP20b, HLL12, RKG20, SM14a, VMM20b, WDD00, AMN18, ArMS19, AV00, AM19a, BCC+17, CT19a, CSP13, DMPS19, GWH+20, GBdRACG20, HLLW12, KID+16, KKKM17, KKKM18, LY21, NV11, PH09, RTS+16, RGVGGSSZ14, SNM+20, SLW11, YZ+15, ZZC19].

enhancement [BMU18, CHS11, DZZ+15, DGA18, LCL+19, LSH+20, MYBMM18, SVN10b, WYJ+19, ZLT+19, ZWH+21b]. enhancements [PSVL02, PSL+12, UCO20]. Enhancing [ACML05, AMR18, BAKB19, BHE+19, BBLP05, CWL+18, FM08, IPG+18, KX11, MZL+19, dRRCGdC20, SVN+20a, TCH19, VMCM+20, YMW13, ZCLW18, AGBR19, GlWP20, HYG+19, SMPC12, XLCB20, XHW20]. enough [BBD+99]. enriched [LJRG19]. Enriching [KBDLG18, GMT19].

enrichment [KXK20]. enrollment [DEL19]. ENS [BBD+99]. Ensemble [SB18, BMP+16, CMT16, CT19, HAK+21, KCV+21, LPK17, LPK18, LYS+19, LLZ20, LSGA20, MKC+21, PPLL17, RGAT18, TGB+20, WJT+18, ZHD+20, ZKG20].

ensembles [dAP19, MJDN15], ensure [CTB+19]. Ensuring [MROD10, SYQ+19].

Entangled [ADDV16]. Enterprise [ECA+18, AK20, AGJN00, CM01, DDR+07, GLSV07, JAA07, Kina07b, KKL09a, KFC+07, NSP07, SISA+19, dXYB+11].

enterprise-scale [NSP07]. enterprises [YLL+19]. EnterTheGrid [Ano05e].

entities [ALS21, HHLZ20, JLU03, LZW+19a, LZW21, NS19, XLZ+14]. Entity [JTGH21, BZHV19, GWZ20, LXL+17, WLLF16]. Entity-aware [JTGH21].

Entropy [EHMS00, ERL+20, HLL+20, OMPSP20, RDSA18, RGHH18, WLZ+14, XYL+20, Fre94]. entropy-based [HLL+20, RGHH18]. Entropy-driven [Fre94]. enumeration [KHB20, MKK03].

environment [KPS18]. Environment [ADMG20, BKS98, BP94, CWW+08, FSBX+20, LSS94, PMDS18, YG18, ANA16, ABB+19a, ASTE98, AJY12, ADT03, ACC+05b, AHYF19, AKB+18a, AAD+13, AK18b, BAJ+19, BJ12, BMRW01, BBBD01, Bar11, BK5+18, BK505, BPP+07, BDZ13, BBMG10, BCB+07, CLP95, CSC+05, CTT+08a, CCDS08, CCLI11, CM+19, DJZ+15, DCL00, DL19, DJZ+00, DW11, Dho20, DRS+97, DMZ09, DT93, DCZ20, DL00, DR18, DCC13, DGdL15, EK11, EHT10, EMB98, EPI+05, EA17, FMSS12, FHZW18, FJ00, FFM+20, FS19, GS20, GEN20, GRG20, GR06, GGW+99, GCK18, GAI+18, HSS20, HJS+99, HCK20a, HCK20b, HK10, IMSV90, JPB17, JLI+13, JOSD19, KDFL99, KVK+18, KPB+03, KPA17, KAF+20, KKL09b, KKP19, Ks05, KKP00, KTTK17, KCL18, LFFK09, LLC11, LJW13, Li18, LTTL19, LDS20, LHS+20, LLY10, LMA90a, LGS+07, zLSXZ20, LSF+94, MK20, MCSS00, MSKT07, MRT+19].

environment [MSB16, MTV+99, MVM+14, MYM+21, MTH+05, MSX00, MRS18b, NGCB20, NRV+17, NHH+19, OS92, PKR21, PP10, PVN+12, PP07, PSA+09, POJ+16, DLMS15, PPAK99, PHM+99, PA01b, PBB+05, QZD+18, RGAT18, RHG+19, RL08, RMM+98, RPA+18, RGVGGSSZ14, RM11, SKB20, SV16, SLTK19, SDWS13, SOR05, SKF95, SMK05, STA17a, SSI19, SGB+18, SPC104, SSB+20, SQY+19, TCC18, TZZL18, TMB+19, VSP+14, VKT+19, WCHL10, WY19, WD2G20, WSY20, WDD00, WB90, XZW+19, XWD20, XWJZ+19, YLN15, YMM00, ZY20, ZZ21, ZZJY16, ZCZ+18.
ZZL+10, ZS05b, dFBP+17, BCF+10, DGS09, FMD99, FLTQ20, LWW+W+13.

Environmental [YCD+19, BBWB+18, GRL11, JAAAZB20, LBZ20, PSW+14, RHKC15, VDK12, WTP+13].

Environments [ACC+19c, BB17, CCMGF18, CDH+19, TF17, YPFO5, ACGd02, ABC+18, ABS11, AMD08, AM20, ADA+19, ALK15, AdAHK20, AMT+12, AFB+10, ACK+15, AMBGS21, BJA+05, BML18, BOWD+19, BR92, BdM11, BBC+12, BN17, BBB16, BDP+11b, BDI14, BCG+19, BFR99, CPDJ13, CRC13, CTF+99, CF94, CFVP12, CFG+19, CBC+19, CFPC17, CCCT14, CRM05, CS09, DVF12, DRD20, DEG+17, EET20, EMM12, FDGR14, FdAgdAVF19, Fr14, FX07, FSN+18b, GL19, GKW+12, GCTLA+19, GTSP+19, GST21, GKT15, HFM19, HZC+08, HXW21, HB19, HCB16, Ho03, HPP+18, HWW11, HGF20, JRT+11, JTB13, JTS13, KA09, KHHT21, KKB14, Kho21b, KIB+02, Kim07b, KKW16, KH18a, LB03, LYMZ09, LTMW19, LYFZ20, LLS+19, LZX19, LC15, LSTV07, LSSR02, LSL07, MMM20, MCT+15, MOBD18, MFMS20, MK109, MR03b, MROD10, MvWvL99, MPPF19, MMRL17, NRX19, NRR+15].

environments [NAD+18, NJ16, NOF18, NMC05, Pad92, Pag99, PBV+13, PLA18, PAS+20, PECA19, PGTB18, RPH19, RBN13, RBW20, RMHMG17, RRH16, SG20, SB14, SpdSr+17, Sch98, SBAD+18, SCP+21, SLDK03, Sip12, SCN14, SL19, SD07, Sun92, TDFZ18, TCMV20, TPF+20, TCBPR16, TML15, TAV12, UMB19, VPP+19, Ven08, VCL+19, VDI6, WH05, WHW16, WZSW18, WHBC19, WSC+19, WMNV20, WSS+09, XTT18, XHY+90, ZS108, ZGZ+10, ZAP05], Env [YJL18]. Env-free [YJL18]. ePASS [SCZ+14]. Ephemeral [CCMG18, CCLG+18, MOBD18].

epidemic [FMS08b, GRTV10, MSR20, XL19].

epidemics [LMBC89, OCCK14].

episode [AMKM18].

episodes [DDD+19, LLP+20a].

epistemic [AGC+20b].

equal [DMM14, ZXW19].

equal-energy [DMM14].

equality [WZCH17].

equation [ARB20, PCC18].

equational [OP95].

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

equilibrium [GPVN19, LXZ+20].

equipment [TC92].

Equivalent [WZE19, PEG05].

era [DFG+21, QCX18, RKP+21, SDDD17, Zad87].

erasable [LY18a, YL16].

erasure [BXW20, GIM16, HDO16, PWM17, PAP+20, XWM18].

erasure-coded [BXW20, PWM17, XWM18].

Erlang [Tur18].

Erlang-based [Tur18].

erosion [YTQ19, YTQ20a, YTQ20b].

Erratum [DP20c, KSM+07a, MR04b, NHO03].

Error [KTV03, CDP19, DR03, EGD12, GHMX10, KDHP16, KAA88, LRMS19, SS03, WWSL19, WYG+20].

errors [LRM21, MRD+20, WZE19].

eruption [CDRS05].

ES/SEDM [Mat89].

escalation [XWRZ19].

eScience [BCM13, FA11a, HGM15, KZ14, KZMJ16, MK16a, MK16b].

eSciGrid [SAGL10].

ESLEA [SHJS+10].

ESNET [ZWDP18].

EsPADA [VMM20b].

ESPM [LJY10].

ESPRIT [Ano87], Cdad86, Ano84].

Essence [PKP19].

Establishing [BFN18, RAA+20, SZK18, TAB+18, HPP+18].

Establishment [AMAY19, CRRC18, Mar99b, PGCML+19, XZ14b, ZW+18].

estimate [Dal06, ZJW+20].

estimates [HV03].

Estimating [SHH+19, VFOV20].

Estimation [AdVAGF18, KSSG16, LZJ+20, MSK+21, uRBIBC20, CKB+17, CDP20c, EWH97, HJA+19, JOPW14, KS18a, KXS+16, KMK+14, LSL+15, LGZY18, NS17b, PS10, PBT02, PeFP+17, RAKJ18, RSB20, RLML20, RMD18, SHP+16, SHZMA21, TMHZ15, WOPW13, YZWG18, YSZW18, ZWZ19, ZST+20, WSZH18].

estimations [BFLL99, BMZ01, BC03, IS03, SG04, Tab06, de94, vdR87h].
Ethereum [BCCS20], Ethernet [HJCD05, MGH+05, WTC+02, ZWJ+19a], estimators [BSF+20].

European [Ano86a, Ano86b, Zna94, BDM+20, CPGB16, CDP20b, Dek86, LPC+95, Mur95, Nar86, SS90, EV [HZLH19]].

Evaluating [ABTA18, AL20, BSCC06, CF21, HA18, HH19, HBJ+03, Len16, LPC+19, LGL+19a, LWXY19, XWJZyF19, ABMC18, ALFR16, BBT19, BGL+05, OA17, RMJ+18, RJM+21, SC19, WDG20, XWJZyF19, ABMC18, ALFR16, BBT19, BGL+05, OA17, RMJ+18, VK17].

Evaluation [Bal93, BY93, BDM+20, BP94, BAR21, CGN18, CG09, CYJ19, CPP16, CW93, FK12, BDM+20, BP94, BAR21, CGN18, CG09, CYJ19, CPP16, CW93, FK12, GSD95, GLJ19, HRJ+04, KVvE18, LSS94, MG19, SS90].
[GJS +94, tTvH96]. **exams** [CND +19].

**Exascale** [CIB +20, DBD +14, MGM +20, ABC +20, Eng14, FBS18, LGM +20, DYI +16].

**exceptions** [GGLD + exchange]

[AC92, AHL11, BMZdP21, GPK05, OPT +17, QG20, TLSC17, WWW +16, WHJ20, ZA13, ZXWA18, KGdL11, LSH +11].

**exchanges** [CKP +19]. **excited** [REM04].

**exclusive** [Bag19]. **exclusive**

[CXC +18, FLT17, LLY +20, WDZ19].

**executable** [NADY20]. **executables**

[AD18]. **execute**

LAL +94, tTvH96]. **executing** [Nis93].

**execute**

[ARHT20, DZLA19, LSCL19, MLL15].

**executions** [CRVZ15, CsSdS15, HHD +12].

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

**exhibit** [VPA +18].

**existing** [BCP18, DGY +18, GJS +94, Hab05, KYS +95, MFG +14].

**Exogenous** [DDM21].

**exe** [CMX +16]. **Expanded** [Sha16].

**Expanding** [CGCB +12, SZG +19].

**expansion** [ARHT20, DZLA19, LSCL19, MLL15].

**expectations** [Nis93]. **Experience**

[BHH +93, CR92, HXL +18, Oku92, SHS +19, AKB18b, GTCZG +18, HBSG21, KKP19, Luk89, QLM +18, RvdSB +03, RRS99, SSST17, SHH +19, TBB +17, XFM16, YJA03, dSGD19]. **Experiences** [KB09b, MPB +07, ABB +03, ACE02, GMS09, CIB +20, Jon00].

**Experiment** [DGS09, BRNR15, JCA +19, MdOO +17].

**Experimental**

[GGH +03, LWW +18, CCT13, CPMG19, DCFB19, IAM +18, JAAAZB20, MLC +11].

**experimentation** [CPGBC16, GTSAR +14].

**experimentations** [VRGR16].

**Experimenting** [TLMP20]. **Experiments**

[Hey90, MGZ +20, PEG05, Vre88, Vre89, BPP +07, GL04a, GCV +14, MCSS00, MGH +05, MVT +99, MMV19, PBC +16, PBC +17, PKSO2, dOWdAS +18, YAO2, CN92].

**Expert** [CAS +18, Coo86, Hir89, Van87a, vdR86a, Ane07m, BT93, DFT92, DW87, DBS14, EO86, Gil85a, Han89, Hen87, Kag89, Kom89a, Mar86, Mat89a, MIZ89a, OS92, Par87, Pud87, Ste85, SDV +21, Take89a, Take89b, VM03, WGM15, YANG +90, Yam89, YWA +89, Zem86, vdr87f, vdr87d].

**expertise** [DKFKF18, KZA +18, ORPPL20, SG17, ZAD87].

**explain** [NZOCJ +19].

**explainable** [KRA21].

**Explicit**

[TIA21, HV92, KW20, MPV12, TSOB15, XLZ +14].

**exploit** [EDH +13, GGC17].

**exploitation** [KLM +05, SK12].

**Exploiting**

[AM17, BC16, CGP14, CSL17, CLP +14, JZL +20, Joh89, MPP13, NSI02, PQBP17, RGM +18, RUN +20, WCU14, ZHA93, ADK +09, CCJ16, CPSR14, HCC +14, MXF16, HZM18, KAS +18, RG04, VVC +12, XJF +19, ZS90].

**Exploration** [AKPT20, BBD +19, BSH09, BFP +16, DGLW +20, DBD +14, IMM +20, RTH17, RLRC13, RD20, SGRT19, ZIO +20].

**explorations** [SSC09].

**Exploratory**

[CFM17, TAK05]. **explore** [dSMAdR +17].

**Exploring**

[AbdL05, BF18, DRZ +19, GCMMK +20, GZF +20b, HBN +13, LB03, LWW +20, LWF +17, MKS18, PAL +19, SSW +19, YZW +18, ZTC20, AMB03, LCY19a, SNC18].

**Exponential** [EL03, WSL +19].
exponentiation [WSQ^16]. exponents [DE03]. Exposing [CGL15, BBW08].
exposure [WG13, XMYL19]. Express [WKF03]. Expression [Ref87, LWLW21, RFs20, XLCB20].
expressions [XCSF20]. Expressive [Par90, Avg00, SCZ^14]. extend [MK19b].
Extended [ZYSK05, AC92, DDV92, LZH^20, SCL14, ZGZ^10, ZWLL18, dB90].
Extending [BDP11b, CS96, LWT18, MMK^20, RGMDL16, SY04, Ste92, TKTG19, KSC^19, TG04].
Extensible [MEW^19, SB19b, BMWB01, GB99, LKN^13]. Extension [GSY^19, GPA96, SPK^07, VKK14, ZWX19, ZXJ^14, ZWL^16].
extensions [TMJHH19]. External [LYZC15, BAKB19, CN17, CCL^21, LQK^16, MFT^17, NHH^19].
extrication [ASY^18, Cha11, CLZ^20, GKI05, GWC^16, HAK^21, HZW19, HWWT12, HAAR^19, MdMMNS^19, PRW14, TIA21, WM07, XFJ^20].
Extractive [CZ19, CZ20]. EXTras [DLGW^20]. extrema [PSS^18].
Extreme [AMPS19, HK20, FRB^14, GMI19, KNI^18, LJW^19b, Par20, WTG^19, dsFSP^17, TKRA14].
extreme-scale [FRB^14, dSFP^17]. eye [KCC18, MKS18]. Eyetracking [PKA19].
Eyetracking-based [PKA19].

F [KK19, Teb86, Zem86, vdR87g, vdR87i]. F-DAD [KK19]. F2C [SBM^18].
FaaVPP [ABA20]. Fabric [LGKA21, LCL^20]. Fabric-enabled [LGKA21]. fabrication [SKT02]. Face [GPV^14, CZ12, EU19, HWWT12, HNQ^18, HLL12, LTJK12, LLSL18, PSS^18, SNM^20, SZS^21, YPCK12, ZLZ^20b, MB^20].
Facilitating [CCL^21, NAD^18]. facility [RG04, LRJ^06, SDBdL06]. facing [AAC^19]. Factor [AMSPL19, ADKS06, BGCL20, ED19, HDH^18, LWD^14, LNK^18, LW19, LZWF19, RSJ^14, SD20, WLS^18, YPX^20].
factorization [CFL^20, GGMS18, MvdV01, WTS14, WYL^18, ZCH^17]. factors [ARB20, CN17, LCGPC19, WGM15, CsZW14].
far/near [BBJ^06]. fast [BFLL99, Bro92]. farming [KK16]. farms [MD12, MBD^20, NP03]. farthest [FJ18].
Fast [BLAN^16, DSK^14, GGN^17]. GEAR13, HYS04, IMM^20, LGP^19, MH19, Pan95b, SHZMA21, SSSK^19, SO98, SVN20b, WLP10, XKBA18, ZFY18, BR20, BM00, CHWH13, DTM14, FLTL17, HIA^18c, JFZL17, KKH30, KHMB13, LSZ^16, LPY^18, LIL^21, LLL^19, LC15, LZYC13, eGTC02, LN94, NS17b, RRU^18, VBLS09, WWD^14, YIA17, ZAI^14, MD^19].
FastDesk [WWQ^18]. Faster [BRM04]. Fat [BMZdP21, WWQ^18]. Fat-tree [WWQ^18]. Fault [AFP07, DK14, GCV^14, LAM07, LGM^20, LYW^16, PCBD99, PRF20, SE19, SAPA17,
Xia06, AMH02, ASTEP98, AFB+15b, AFB+10, AGKZ18, AMR18, BCH+08, CLZ18, CXZ+19, CdCD07, CY12, CCL11, DZZ+15, DRD20, DEJ20, FD02, GdVC10, Han89, HTV07, HYL+20, KA08, KYPJ20, KL02, LCBF13, LHB95, LSTV07, LS01, LS08, NKB+20, PWY03, PIP18a, RWZ+19, SG05, SPR+10, Suz89, THK98, WWSL19, WDR+19, WHCW19, ZHD+20.

fault-prone [AGKZ18]. Fault-Tolerance [PCBD99, CdCD07, WDR+19].

Fault-tolerant
[DK14, GCY+14, LAM07, LYW+16, Xia06, AMH02, AFB+10, CXZ+19, DZZ+15, LCBF13, LHB95, LS01, LS08, PWY03, RWZ+19, SPR+10, THK98, WHCW19].

FBA [YWW+19]. FCA [BcdV19].

FCA-based [BcdV+19]. FC1 [HTV07].

FCM [GGN17]. FCMC [FC09]. FDE [KKB+19]. FDMs [BQI+20]. FDMSSs [BQI+20]. Fear [MGA+18]. Feasibility
[AKW90a, OMPSP-L99, AKW90b, SCGPV20]. FEATHERS [BAAK19].

Feature [ARMA+21, DIB20, MWQ+19, SL+18, XLL+20b, ZZZ21b, USA19, AAM+19, BK20, BH21, BM00, CZY+19, Cha11, CMY+19, CLZ+20, CWUS19, DH16, FTK+14, FPH+21, GLC19, GDEBC20, GNGG17, HAK+21, HZB19, HLM+19, HX19, JLS19, JLQZ18, KL18, LZ1+12, LPL+20, LHY+19, MHI+20, MBC+11, MdMMNS+19, MZYA19, MDD15, MGA+18, MBA19, NK88, NNUV02, PCC18, PSS+18, PiLs+99, QCZH19, ST20a, SGL+20a, dSSCD19, SK06, WM07, ZHU20].

Feature-based
[MWQ+19, LHY+19, PiLs+99]. featured [LAS20]. Features
[NS17b, AMM+20, AMB018, AKP+18, AGA18, BLU19, CPP+18, CAL+18, DGST9, FNA12, GAFFOG12, GDCGCPV21, HO02, JL21, Kho+19, KGW95, Lyc+19, LXT14, LZ19b, LSL+20, LF21, MSY20, MMK+20, SHL+19a, SLZ+21, TLM21, TGJ+20, TTD+20, WLZ+14, WML+21, XPL19, XWK21, YY18, YGY+19, ZKGB20].

featuring [LHH+03]. February
[An021, An020r]. FEC [EBCP18].

Federate [BCF+10, CYL05]. Federated
[BBB+20, BR10, DRZ+19, SVC+07, APAZ17, AK14, CFVP12, dCCDFoD15, CG1+10, GCY+14, HF19, KAF+20, MPP+21, PP10, PBV+13, PFRC16, PPL+15, QHNL21, SLB+17, SLZ+18, ZZDM+18, EH10, LHS13, Lea13, LCS15, TSO8].

Federation [FMN+17, VHML10, AAG+20, COC10, FPLP05, HMO+20, KBB+16, RHBO8, TOS18, YSN12, CCM].

Federations
[End13, FRZ19, MLM16, MPR+16, PVGD+19, RHM17].

Federative [HBO0, Joh92]. feed [GSMF20].

Feedback [GSL12, ZMF20, CWJ+18a, GW20, FPPP17, SSS21, WWSM98, XXD+19].

Feedback-based [GSL12, SS21].

Feedforward
[JL98, RM97]. feeding
[K011]. FellowMe [ARBL+20]. FEM
[BBJ+06, GNY01, Lf95b]. FEM/FVM
[LF95b]. femto cells [YXH21]. FENNEL
[SLG+17]. Fermat [WTS14]. Feetal
[PZLL21]. fetch [GTMZ17]. fetching
[SR12]. fever [LBN+20]. few
[An06, DE03]. FGCS
[CRW+16, GVTL18, Mels02, Nis03, PCC18, SZV19, Ser95, WH21a, ZTP20]. FHE
[MS19]. FHE-based [MS19]. Fi
[AKM18, CZGS20, CDY+20, DCBF19, KWB19, SLS10]. Fiber
[HICAFM+06, WXZ+18a]. fibrillation
[NED+20, Wan20]. fidelity
[CPT+20, LDB+19]. field
[BBJ+06, CGIP14, HPP+18, KS17a, LZH+18, LLL+18, PiLs+99, ZS98, SMC18, TST116].

fields
[GR21, MJ98]. Fifth
[Her84, HV84, TR85, AIA88, AK02, Fur92, Lin84, vdR86b, An086, FS93, KI89, SII93, vdR93a, vdR93b].

fight [WZH+18]. File
[AHEM17, KLSS05, PMMG+20, ACC+05b, Dog09]. DLXR14,

GCC+07, GD05, GTMZ17, KO11.
KHES21, Li15, MLG13, MKW+21, MM08, MFL18, MM18, MML018, PCG+06, SPK+07, SYQ+19, USK16, UDvdW+18, WX02, WLP10, WZS+18, YCY10, YSC+15, YZC+20, ZSX+15, MBC+11]. File-
[PMMG+20]. File-based [KLSS05].

file-sharing [MM08]. files
[LLF+18a, NADY20, SCY01]. filesystem
[MCQ+07, ZYZ+18]. filling [SW05]. filter
[GCTLA+19, HAA+16, HIA+18c, JYZ+18, LLW+19a, NUPA19, RSB20, SGB+18, TM05, WLL+19a, WC14]. filter-bank
[NUPA19]. filter-wrapper [HIA+18c].

Filtering [KMC18, LZY+19b, CLAL19, CDP20a, DCC13, EAA16, GCD+18, GDA18, KKB18, LCL+16, LCW+18, LQXL10, MG19, MVG18, PQBP17, PCB99, RW18, TQL+19, XZZ+20a, ZRZ+14].

Filters [ML17, LLYW19, LZ13]. FIM
[HDH+18]. finance [BS04, Par94]. financial
[AM16, KBT20, Kea93, KK14, MMM+20, PK19, QGT+18, TMTY05, WGC19]. Find
[RAN+20, BGRBA19]. Finding
[BBH18, CsCM+17, DAA+21, LXM+18, LG18, DvdHGdL09, LHW20, SP21].

Findings [CMMST20, WBMP09]. Fine
[FLTQ20, SJ18, AMBB18, CZZ+18, CFL+20, HZZ+20, JLY+18, JZL+20, JHV+20, LCL+18, LZLL18b, LC03, LZHY19, MLW+18a, MLH20, MPS21, VBV11, WW1+19, WC14, XTL+19, XRYML19, YAX+18, ZMP10, ZSL+19b].

fine-grain [WC14]. Fine-grained
[FLTQ20, AMBB18, CZZ+18, CFL+20, HZZ+20, JLY+18, JZL+20, JHV+20, LZLL18b, LC03, LZHY19, MLW+18a, MLH20, VBV11, WW1+19, XTL+19, XRYML19, YAX+18, ZMP10, ZSL+19b].

fine-tuning [LCL+18, MPS21]. finer
[ZFS+18]. finer-grained [ZFS+18]. finger
[LWF+17]. Fingerprint [MPH00, WLC+20b, BGCL20, GAFFOG12, LZZ+12]. fingerprinting [CZGS20, HZZ+20, KP18, NHTH20, RS17b]. Finite

[Tab06, XWW19, AO06, BVDF00, CS93, LDS06, SW05, Tho06, WA06].

Finite-State-Machine [XWW19]. FinTech
[LLW+19a, MZL+19, NAAC19, YDK20]. FIPIP [JLY+18]. fire [ACML05]. firefly
[LZWF19]. firewall [HCNT14]. First
[Gi94, SLZ95, BT93, Che13a, GTCZG+18, HRJ+06, Par87, WRBG94, SO98].

First-principles [Gi94, WRBG94]. fish
[ZZ21]. Fisher [CLY14, Che20, HLL12]. fit
[XLL+20b]. FitCNN [LYL+19]. Fitness
[JGB19, CZL+18b]. fitting
[CLC11, MK19a, ZLZ21]. five
[Bal92, Van87b]. Fixed
[Fio06, BK20, CFVP03, LZL+12].

fixed-length [LZL+12]. Fixed-point
[Fio06]. fixture [LSW+19]. FLAGS
[SD+21]. Flame [VETT16]. Flame-MR
[VETT16]. FLAS [RSL21]. flash
[DLZ+14, KHES21, LPK17, LPK18, SCH+19]. flash-based [KHES21, SCH+19]. flash-flood [LPK17, LPK18]. flask [ZY20].

Flat [OCCK14, WLD+20a, PPG20]. fleet
[OV79, UKY+20]. flexibility
[CAB+18, KRW+20]. Flexible
[CRC13, GZF+20a, LCFB13, MWL+18b, YXZG18a, dKdOS03, AHP16, ACC20, BZMY10, BBW08, Bar11, BLRS98, DKJ19, FTD17, HLL+11, HY+20, IG12, LT+19, NOF18, PCG+06, PKSC02, RPH19, SGS+18, TMP15, WCL+17a, WDZ19, XCSF20, YXCW18, ZAB15, ZFH+18, tTvH96].

Flight [JCA+19]. Floating
[FGG03, MDM+19, KXS+16]. flocculation
[vOB95]. flock [ELvD+96]. flood
[LPK17, LPK18]. flooding [BeKTK+20].

flooding-based [BeKTK+20]. floor
[DDV92]. Flow
[Am88, AMA89, BK98, BDNN02, SCP09, WMN+01, ABM018, AB20, AKH+04, BK20, dMBPdSC20, BN21, CT19a, CT19b, CAL+18, CH95, Deh20, ED04, FM10b, GKS05, GS15, GY90, GXL+18, HORC04,
formats [JHV+20]. forming [FZT+18, HW95]. forms [EL03, YCZJ18].
formula [RS16]. formulations [SS03]. forthcoming [Ano94e]. fortification
[KPS18]. FORTRAN [RBS93, Ben99, CMZ95, Din99, dSL98].
forums [EV99]. Forward [KCR20, KDHP16, KJ18, LAQ+19, NJB19, KS17a].
Forwarding [KIMR15, BBN+20, CCW+20b, FFL+19, LGP+19, MDB+18b, MVL18b, MRS18b, RWD+19, WZW18, ZCW11, ZHX+20, ZCDV19]. FOSS [JMag19]. found [SSLF+10]. foundation [XLL+19c, FPX+09, NSF87]. foundations [FLPP05]. four
[LHY+20a, SYCh18, CsZW14]. four-band [SYCh18]. Four-factors [CsZW14].
four-stage [LHY+20a]. Fourier [DDL01, LZL19b]. foxtail [DJJ+18]. FP
[RK20]. FP-growth [RK20]. FPGA
[ABF+15a, SAVS19]. FPGA-based [ABF+15a]. FPGAs [CJPC19, JCP+20].
FPM [CsZW14]. FPMIPv6
[GSY+16, GSY+19]. fractal
[IASK14, NCS04]. fractals [NQH+20].
fraction [WTS14]. Fractional
[BWR12, BW13, MSR20]. fractures
[RBGA18, WWP19, WWP20]. fragment
[ZWW+20b]. fragmentation
[MSE19, WLLC20]. Fragmented
[ML17, CCO7, CCS+10, FADAGAFV19].
Fragmented-Iterated [ML17]. frame
[JLY+18, KTM+08, LYS12]. Framework
[ACC+19a, ABTA18, CHC+20, GTLE7+18, KV17, MK19a, MP+18, MZZ20, MWMA10, RMA21, SME7+21, SdR99, SDK19, WWV17, YAA+19, ABMM18, ABMC18, ABMC18, AB19a, ABGMC19, ABM19, AA+18, AGDS2+13, AK19, ADTS20, AHI19, ASH0+20, ASAB+18, AT18a, AAS17, AESI+21, AB18b, ASA19, BvdV99, BBW08, BAKB19, BFL99, BGNBH+20, BORM07, BBT19, BGS+19, BOP+14, BDM+20, Box04, BAD+05, BDH14, CCL19, CTV19, CPGDS+13, CMEA+19, CWD04, CSW06, CCLS+21, ÇBCA15, CKR16, CCW+20a, CCLS09, CCS+10, CFPC17, CDP019, CGM+18, CDP20b, DCS+07, DSC20, DPP03, DMP16, DPS16, DUL+19, DLH+20, EAA16, EV96, FTA+14, FHYH15, FJA+18, FSB+20, FPG18, FvLTT98, FB93, GS20, GBdRACG20, GVB13, GGC17, GR06, GPK05, GAMC19, GyvDdL15, GMP20b, GMP+17, GIK18, GBKJ18, HAP15, HHK18, HES19, HAF00, HDN+20].
framework
[HTXW21, HMA+18a, HLL+11, HXC+18, HAA+16, HIA+18c, HPL+19, HCK20b, IA20, IFD+19, IHA+20, ISS+15, JRW+20, JCP+20, JAS+20, JAAAZB20, JZZD21, JSZ+19, JKS20c, KBTT20, KOM+20, KS+13, KC14, KSS19, KFF89, KH19, KPA17, KnRaK+18, KIJ+19, KV09, KMS20, KAS+18, KGLY18, LS07a, LSO7b, Lau01, LJ07, LQK+16, LKJ+19, LSN+20, LLF+18b, LYFZ20, LM07, LvW14, LLM+16, LSL+18, LYL+19, LLZ20, LYLH+21, LGKA21, LKK+16, LSJ+14, LQF19, LS08, LWZ+19b, MML+18, MNV12, MID16, ML11, MML018, NK15, NJ18, NZQ07, NJ16, NOF18, NAAC19, NAM+19, OK02, ONK+20, Os19, ÖE13, PBV+13, PAD03, PLCGS11, PF01, PB05, PMCP20, PWA+19, PMT10, PVBH05, PSS01, PZLL21, PFC+17, PQ08, Qur19, RBA17, RAN+20, RSQS21, RSRA18, RADARP19, SME+19, ST20a, SRZD15, SNM+20, SHZMA21, SMPC12, SYJ+19a, SA14, SBAD+18, SHST20, SLCL19, SMSF18, SAK+10].
framework
[SG14, SDC11, SYW17, SGS+18, SDA21, SB05, SBK18, SYAL13, SLB+17, SDH+19, SJSA19, TBO20, TZZL+18, TG20, TY11, UKY+20, Venu09, VK17, VWD+08, WLLF16, WMO+16, WC20, WLAC20, DowDAS+18, WLA18b, WG13, WHYZ17, WHYZ18, XFL16, XLS+21, XWR19, YM T13, YSC+19, YD05, YPHZ14, YCZJ18, ZSX+15, ZCK+15, ZYT15, ZMN19, ZZQ+13, dNE05, AW03].
frameworks [BDP11a, DJ13, EET18, HZZ+14, IAM+18, MGT18, ORLV20, Papp05, SGBC+20, VEET18]. France [Zna94].

fraud [AAC+19, CLS+19b, GFN+20, LPL+20, SC19, ZHZ+18]. FRDT [KK11].

Free [Ano86i, Ano87b, Ano87c, Ano87l, KTB18, Zad87, BS04, BB06, CWL+18, CMO03, CECS20, CWL+16, ED19, FZW+18, GWW+19, ICBP20, LTC12, LZL+18a, LGP+19, LTC+19, LL16, LGMV02, PWA+19, Ray05, SMM+14, TJ18, WSU+10, XCV20, YLJL18].

free-boundary [BS04]. free-riding [WSU+10]. frequency [AQB15, CP06, CJJHH13, IPCA+16, KANS18, KWB19, LLP+20a, MC00, TA21, YXL20]. frequent [CEP19b, CÖ13, CLM14b, IHA18, KZCW13, LY17, LC15, LHW+16a, fresh [GWC+16]. freshness [JZJ+18]. friction [Ned06]. friend [MML+18].

friend [ABB+19a, KruRak+18, KBB+09, KLW+16, WHZ19a, frog [LCW+18]. front [GRZ+19, LLMP13]. front-end [GRZ+19, LLMP13]. front-haul [YK20b].

Frontier [KPG19, GML+13, TZST14]. FRP [RRU+18]. fruit [HPZL18]. fruits [HMA18b]. FSRM [LHY+20a]. FSRM-STS [LHY+20a]. FTA [VR00].

FTL [PLZK19]. FTLink [HL+20]. Fujitsu [Uch86]. fulfilling [SEKS+20]. Full [JZJ+18, AC92, BRL19, JK17, SCJ+19a, WG+19, ZL17a]. Fullerences [She04].

Fully [HldAR+20, CCL11, CDRS20, HKS18, IST04, TY11, ZXJ+14]. Function [MDZ+21, RPF21, VV92, YWJ+19, DSV20, MCJ19, NK05, Omo91, RZIX20, SSL+18, SYL+19, WGW+20, WLX21, XWD20, YXL+20, ZSL+19a, ZZBZ19].

Function-based [YWJ+19]. Functional [ABF93, BS91a, EIE04, ZHP+21, BBH18, BS92, BRHH18, DMM+99, DRS04, DD07, GSV+10, HK88, HRJ+06, MSS02, YAO14].

Functional-realistic [ZHP+21]. functionality [KID+16, MCQ+07, MK19b]. functioning [BRS04]. Functions [MGZ+20, BBH18, CNR19, Dau94, FJKK17, HH19, KDE04, KTV18, WBR20, YCL+19, vDR87h]. fundamental [AGKZ18, EHT10, Hul89, YH18].

fundamentals [Kag89]. fungible [ABP18]. fungus [Jun18]. furnace [YWA+89].

FuSeR [SMZ+16]. Fusing [GJ18, LYXT14, GPWL20, JL21, SZL+21, SDV+21, ZZ22].

Fusion [KFP+02, SCG+18, AAM+19, BH21, CMZ+18, DGA18, ESS+21, FTK+14, GHEB+18, GCCL18, sGbKS19, HLT+19, Ima19, JAAAZB20, JY+18, KCC18, LSL+15, LWT18, LYZ+18b, LZA+20, Lj21, LXY21, LFY+19, LYZ+16, Pan20, PCC18, PCCX21, TCC18, WLZ+20, XLL20a, YLYV15, YZG+18, YW+20a, Zhz20, dFPFG19]. Future [AB19a, ALR+20, ADAL14, BFS+17a, Bo20b, Car03, ChKit11, Cha14b, CDFZ16, CRM05, DP20c, DO15, FGB21a, HYZ16, HZX+20, HYS18, JLC+20, KSM+07a, LYY20b, LKMN19, MR04b, NYH20, NHH03, NDZ+18a, NDZ+19, SME+21, WWP20, WCWC20, YW21, YGD+21, YW+20b, YTT20a, YTQ20b, ZM+20, wZCN+20, AAD20, AR18, AS19a, ACsddR17, Ano87b, AGMT17, BS17, BPS94, BHD09, CLLCK20, CLCY18, DRC20, DD86, Ful91, Fur92, GMS09, GBMP13, HRC19, Hul89, JAAAZB20, KSS+20, Kim07a, KARD14, LLMP13, MYBMM18, MSR20, Nag86b, PTD+18, PWA+19, QKC19, SACN+21, SB99, TSS+19, URKM19, YEG21, YMS20b, Zhu14, dCTVC18, uRLW+21, Slo06a, Slo06b, Fae21].

fuzzifying [YH18]. fuzziness [FLR+16]. fuzziness-embedded [FLR+16]. fuzzing [LCF20]. Fuzzy [AM20, AS18b, HZL18b, IS18, KLV+18, NDZ+18a, NDZ+18b, NDZ+19, RRKA19, SMZ+16, VP20, XL19, Alp18, Bag16, BÖ20a, Bu18, CPE+17, CIS+20, Che14, CAL+18, Che18, DNW+19, GEN20, GBY16,
HCK20b, JKS20a, KHMB13, LSZ+16, LWLW21, LZZ+19a, LAH10, LWYS18, MLGB+17, OMD+18, PB05, RAKJ18, RAN+20, SYJ+19b, gWLWZ21, YAO14, ZZS+19, ZL04b, ZDW+18, BQI+20, vdr87f.

fuzzy-based [RAN+20, BQI+20].

gated [BÖ20a]. Fuzzy-Genetic [AM20]. Fuzzy-Taylor-elephant [VP20].

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

G

[vdR87g, vdR87h, ABG02, AT19a, AVP17, BGH+03, DPK+19, FNA12, GRPL04, HBJ+03, NLS19, THN+06, WTR+13, WYG+20, WBF08, YYS+19, PKR21].


G-SPAMINE [AVP17].

GA [CEGL01, HMH17, LLWN04]. GA-based [CEGL01].

GABC [Elg20]. gain [JCL+19, WSXL21].

Gait [AAN+18, LZZ19b, WCB+18]. Gait-based [WCB+18]. Gaitstones [YWL19].

Game [FEPC18, GFM+20, IS18, KIMR15, LKCS18, MXX+20, YLWW18, ZCDV19, AY16, CLY+20, DGL21, DPL14, FAL+19, HS19, HMO+20, HSBE19, JLLC12, JLC+19, KNV20, KMC18, KL14, LJ17b, LN13, LY19, LWYS18, MMMZ20, SSHC19, SSJ19, SBK18, TBO20, TLSC17, TPD+20, WWRS16, WGG+20, WCY+20, YJLC20, YMY+17].

game-theoretic [JLL+17, JLC+12, KNV20, KKC14, TLSC17].

games [AW19, JLLQ18, LCC19, PN09, YC13].

GAMESH [BCC+17].

GAN [TA19].

gang [PK11].

gap [Bha18, GMP20b, NJKF18, TLKK21].

gapped [Gur21].

gaps [KAW12].

Garbled [WMK16, AEK+18].

GARCH [Lin18].

gas [CH05, DC00, HHM+19].

gases [Bog99].

gastroscopy [DLL+19].

Gate [RCW+19, DCK03]. Gated [uRK1+21].

Gateway [FEB+19, MPLM18, ARHT20, ACCM19, CRN+20, DRZ+19, DLGW+20, GRZ+19, KZS+19, MDA+19, OGO+20, SJ+20, SVB+19, SDF+19, SG19, YVW+20, ZZZZ19].

Gateways

[DPG20, GDZ+19, BOWD+19, GDP+18, GLD+19a, GRCP+17, KS19, RGN+18].

Gather [FD12].

Gathering [GD+18, FG18, SNP19]. gatherings [KVK+18].

gating [LCL+14a].

Gauss [HPP94, Jun18].

Gaussian [GSC+19, KKB+19].

Gazetteer [CAS+16].

Gb [ABB+03].

GbE [WLRL18].

Gbps [KSW+13].

GC [SEPV19]. G-Wise [SEPV19].

GCell [VOB95, Cro95, RV95].

GCell-3 [Cro95].

GCel-3/512 [Cro95].

GCR [VFS01].

gCube [ACC+19c].

gearbox [SDGCB+20].

Gearing [WMJW18].

GECEM [LW08].

gel [CGH04].

gel-based [CGH04].

gem5 [CBC+20].

gem5-x86 [CBC+20].

GEMMA [BPP+07].

GEMS [WTB+08].

Gen [MR04b].

GenApp [SB19b].

gender [CPW19, RSY+18].

Gene [STP+05, DMN+05, JLC+20, MS+16, TBD+02, YW+19, YW+20, YPJ19, KBFV14].

Gene/Q [KBVH14].

gener [AB19a, BFS+17a, Bo20b, Cha14b, DP20c, FGB21a, HZX+20, HYS18, JLC+20, KSM+07a, LUYG20b, NDZ+18a, NDZ+19, SME+21, WWP20, WCWC20, YW+20, YJ20a, YTQ+20, ZM+20, wZcZN+20].

General [CJXX19, HHG05, SL97, Zna94, AKW90b, BRNR15, FWB13a, GXW+19, HQZH14, LLL+19, LSH05, PCC18, ST20a, VVB11, WJZ+17, WHP09].

general-purpose [AKW90b, BRNR15].

generalizable [LvW14].

generation [WWZZ18].

Generalized [KY04, BCdV+19, IS03, MvdV01, PSZ18, SKT+08, SA97].

Generalizing [PPH+09]. generated
[AHL11, BOL+20, DGGH11, Gur21, HHG05, HHXL13, Lzp+18, LJ19b, PO00, RTHB17, SK18, ZHL+18]. Generating
[DOZ+21, GKS05, JWYW14, TSZP99, DK00].

Generation
[BDF+99, ChK11, DNNG21, DO15, Fac21, HYZS16, Her84, HV84, Kow85, Ki89, LJ17a, NHG03, SLO04a, Slo06b, St193, vdR93b, Ais88, AH920, AKA20, AKJ+20, Ano861, AAG+20, BDP11a, BP02, BGC19b, CJXX19, CsZg+13, DCMB15, DDS+09, DQXW19, DR05, Fur92, GLM+12, GOMD98, GmAfPLC17, GZ04, HC+19, HJK+04, KVR15, KhMB13, Kim07a, Kow84, LGC+21, Lin84, LgyC20, Lgl+20a, MYT+21, MwC+03, MYBM18, MSR20, MVL18b, MR19, NDz+18a, NDz+18b, NDz+19, OMPSP+19, PO00, PjDo13, Par87, PCCX21, PFC04, Rcf+F+21, SB19b, Ste85, TD05, TR85, VB18, WYN+90, YGD+21, YCZJ18, ZCX+18, ZNC+18, ZGCM00, dIVSB+20, vdR86b, vdR93a, F993].
generator [Tan02b]. generators [RNR18].

GeneRecon [MBP+07]. generic
[BcWo1, DvdVD02, Dspa18, FK11, GD10, GdlvOT+03, LKk+16, MRT+19, SMSF18, TKA+18a, Tcn+14, Tis07, Wmc19].

GENESIS [RG04]. Genetic
[AM20, Elg20, JGB19, LOJ+07, NK20, Pbl20c, Pmk18, AT1F, AT01, Accc17, Brl19, Cpk05, CFG93, DP20a, DSW+20, DC19, Dzxs21, DMN+05, Dscj18, Grh05, GodM98, GdlVc10, Hmo+20, Iss+15, KSSr20, KKP+05, KX11, Lyqo6, Llwn04, Lso1, LEXH20, MGA+18, Mrn19, PCl18a, Pan20, SF19, Tmt+07, WYBss11, Wlq10, XL+21, ZRzl18, Zlg+14, SmI01]. genetic-based [KX11, Lso1]. GENIUS [ABF+03]. genome [Sls+09]. genomic
[JHC10, LjW+19a, Sin07, Sba+17].
genomics [CJPC19, OdO+13]. genotype [MS03]. Genotypes [JGB19]. genotyping
[WLW+21]. geo [KB18, KKBK19, MStn21, MPC+18, Wla18b, XwZ+19, Zbf14, DWJm18, YMY+17]. geo-collaborative
[Zbf14]. geo-crowdsourcing [Wla18b]. geo-distributed [KB18, KKBK19, MStn21, XwZ+19, YMY+17]. Geo-QTI
[DWJm18]. geo-replication [Mpc+18]. geocoded [Nlo+20]. Geocomputation
[XJ10]. geodesic [Dw10]. geodynamics [BN06]. geo-environmental [Ctm06].

GeoFEM [GnoY01]. geographic
[Ces+19, DwJm18, TD21, LC17].

geographical [Csl17, MBV+15].

geographically [AG1N00, Zb19].
geological [Xsm04]. geomechanical
[Wae06]. geomechanics [BN06, HND06].

Geometric [DP03a, PdlS+99, Shl+19a].

Geometrical [Snxb17]. Geometries
[Bks98]. geometry [DfG+00, Wwa19].

geoparsing [Cgzl19]. Georgia [vdR86b].

geoscience [Ffps10]. Geospatial
[Gfd14, Ccm+14, Cplh19, Cgl+10, Dggh11, KzS+19, Lj19b, Mpp13, Sbd+18].

geostatistics [SdSt18]. geriatric [Hzm14].
geometry [Crr18, G20]. getting [Peca19]. GF11
[KB92]. GHolo [BdCyg05]. giga
[Pdk10, Pdk10]. giga-pixel [Pdk10].

Giga-stack [Pdk10]. Gigabit [Mgh+05, Kdh16, Ggh+05, Hjcd05, Wtc+02].

Giganet [Ho02]. Gill [Ano87c]. GIS
[Fcd+14, LnJ04, Ld04, Tg04, Wzz19b].

GISs [LxzW13]. Givens [Dv03]. Giving
[Gtsr+14, GtCgZ+18, Ig12]. GjMf
[Oe13]. gland [WfZ+19]. gliomas
[MxL+20].

gLite
[Abb+10, Kmv+16, Vkk14]. Global
[LH+03, Mwyc12, Mlc+20, PdlS+99, Swcp03, Wkz+03, Bowd+19, Cl1h8b, Dr03, Dzw97, Esd06, Gj18, GcC+07, Lz20, Lsam13, Ldpmc19, Mlc+11, Mvc+13, Nss99, PjS+12, Rrb10, Sth+98, Shi92, Scac+19, Sbd109, Szl+21, UwV92, Ylgc21, Lrj+06, LnK+18, Sbd106].

global-bus [UwV92]. globally [Gso5].

Globus [Bmfc07, Clm+16, Fk99, Lc05].
goal [BEL20, LHA20]. goal-rationality [BEL20]. good [OMPSPL20, SOA17].
goods [MEBA12]. Google [MGZ+20, PI13].
GoSharing [LWZ+19b]. gossip [AMRM18].
Gossiping [FF17, ECPF17a]. gouty [YTYQ19, YTYQ20a, YTYQ20b]. governance [ARB20, BDH14, XWL20].
Government [IPC+16]. Governmental [PSY+19].
go-ver [KANS18]. GPaaS [HB19]. GPGPUs [OSC14, WYG+20, ZXL+19]. GPOS [JK17].
GPS [HYS04, PZH20].
GPS-aided [PZH20].
GPU [ADH+16, BDGG+20, CDG+14, CPSD18, CSD+17, CSP13, DNJG17, HSP+13, KD+16, LZX+16, MAPA19, NQH+20, RBJ+13, RKP+21, RLML20, Ski20, VD16, WMQ+16, ZGN+20, ZHLM20, vW19].
GPU-accelerated [HSP+13, LZX16].
GPU-based [MAPA19, Ski20].
GPU-parallel [RLML20]. GPUs [CJPC19, CCP+20, CCB+19, KW20, PDA+20, RNR18, SLH+20, vWMBS14].
GRADE [FK11, KDFL99, KKS08, WDD00].
grain [Cro06, DCM+20, MLW18a, RJS+19, Ven08]. grain-based [Ven08].
grading [MLX+20]. GrADS [YD05].
Gradual [ArMA+21, SCL20].
Graduate [HY03].
Grain [Vre88, HV92, Vre89, WC14].
grained [AMBB18, CZZ+18, CFL+20, FLTQ20, HZZ+20, JLY+18, JZL+20, JHV+20, LZZL18b, LC03, LZHY19, MLW+18a, MHL20, SGL+20a, SJ18, TDK+14, VVB11, WWH+19, XTL+19, XYML19, YAX+18, ZMP10, ZFS+18, ZSL+19b].
GrAL [Ber06].
gram [ZXM+19].
gram [HK88].
grammars [BM00, Hal88, Rus90b].
grams [ZXX+20].
Granary [YZW14].
Grand [Hu89, Kol89, Wil89, Roh89].
Granularity [ABF93, AR98, GPAW19, VMC+13].
GRAPE [CLP95].
Graph [GTG+21, KB00, LZZ+21, MFZ+19, TLM21, VSSD13, Vre88, XCH+20, YLGG21, YZL+20, Adl14, AB18a, AB20, ADLM18, BGC+19a, BK97, BHK90, Buic05a, CWJD19, CWJ16, CWJ+18b, CYH20, CGM+18, DNN20, DL04, GEN20, Gut00, HO17, HB19, HDH+18, kHSW18, HZ19, HND20, Hu21, JHC18, JLD+19, KSAOK08, KLW+21, LSN+20, LXH+21, LXY+19, LDC20, LH20, NS17a, NJ19, NS19, QCZH19, RV90, SST+21, SHDT21, SCL20, SLG+17, SMM+14, SVN20b, SO+20, Vre89, WWH+19, XZD+21, YYKK20, ZN21, ZJW+20, ZHLM20, HB19, KWR+13, YLGG21].
Graph-based [MFC+19, XCH+20, Gut00, HO17, LH20, SMM+14, XZD+21].
Graph-CAT [YLL02].
graph-clustering-based [Hu21].
graph-regularization [QZC19].
graphical [BFL99, JM20, KDFL99, MZL+19, SSKF95].
Graphics [LM90b, GXW+19, Iglo4a, MFMSG20, MJ00, SLDK03, SW06, TDL05, XWM20].
Graphs [AMNN20, FTM20, BR19, BKB18a, DMB15, DOR+21, DFKF18, GRMSOG18, JW14, KKH14, LMY+18a, LSG18, LL18, LHW20, LL20, MG11, MGBC20, MAQ+20, Nag16, Sap88, SCC20, TLM21, TD21, WKG+19b, WXL21, vdLLE19].
GRASP [PFRC16].
GRASP-based [PFRC16].
gravitation [KMN+05].
Gravitational [CT19b, Fin99].
gravitational-wave [Fin99].
gravity [CSS+18, GDAS18, XWM20].
gravity-box [CSS+18].
gravity [ACE02].
GRG-GSIFT [ACE02].
Great [HdAR+20].
GRED [KDFL99].
Greedy
[BGH+03, CSV+12, GHW94, LYJ10, MW12, YHL+19, AN08, DMG+08, DS08, NSP07, PSP+09, VGBL+06, YCX05].

Grid-computing [YW12], grid-enabled [GLM+08, LWSC+07, MJ06, GRL11, ABB+03, EPJ+05, FS07, NJW+06, PKC+05, XAW+10], Grid-enabling [KT08, SSK+08, SLL+10], Grid-like [Ole07], Grid/distributed [hKeF09].

Grid/P2P [Kim07a], Grid2006 [BGL08].

GridFTP [ACE02, CG09, RSK16, RKS08]. GridICE [ADF+05]. Gridification [VWD+08, MZC08, MZC10]. GridLab [SAMN02]. 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, AWM+13, ABD+12, ABF+03, AR07, APC+20, BMT12, CCL07, CGL08, CLH10, CH10, CCS+10, CD08, CGJ+10, DVB14, DTL08, DPL14, FLPP05, Fra08, GCBM17, Hua10, HBN+13, IT05, IAL10, KK10a, KK11, KX11, KKW+14, KFC+07, KJ12, KK10b, KIC12, LILpC12, LAH10, MLG13, MGV+18, MMP09, MWPV12, MVC+13, OM10, OK20, PGS05, PS10, PT16, PX07, PGCC+10, PPH+09, PPS06, QPTGG+12, RR10, RAAR19, SR12, SHBP10, SPMC10, SBG+09, SMK05, SEMJ11, SSL12, SGH+08, SCCS11, SAC11, SSB13, TZBK13, TJWS10, TPBS14, TV08, Tor13, VDPH509, VKK14, WFC07, XY15, ZCW+04, ZL+10, vOH+05, vdS04, GHW94, AL14, CC07, CCL09, CT09, CB10, CGST09, DFC+08, DRNMC09, Dog09, EGK+07, EH10, FMS08a, GXL+12, GCCC+07, GBS10, Joo02].

Grids [KFP+02, KNK+08, KTM+08, LS07b, LHL09, Lea13, Lea15, LVH08, LK+08, MKP05, MTV05, MHN08, MV09, NZQ07, OV+09, Pao09, PH07, PK08, Qin07, RPMG10, SYT09, SVN10b, TDV+08, TTP+07, VLG09, VDK12, WS10, XCGD10, YYW+09], GridSim [HLW12, SPB07]. GridUFO [MWMA10]. GridWay [RMHC15, TCR+12].

GridWay-based [TCA+12], GridX1 [AAB+07]. GridF [ML11]. Griz [RvdSB+03].

Groot [vdR87h], groundwater [ZWZ19].

Group [AJY15a, CB10, HWW04, WLL+19b, Bag11, BKSS02, BC03, BCF16, BDL6, CDR17, CM003, CYH04, CLM+16, CWJ16, Fio06, FRMS18, FFM+20, GCK18, GZL+18, GNVST14, IOV+18, LM07, LGYC20, LO19, MHC14, MPQ03, NXX09, NWD+18, PP06, RLP12, SCAE18, SOM+19, VCD18, YZL+18, ZL+19, ZWW+20a, GVBDL15].

Group-based [AJY15a, CB10]. group-key [IOV+18, NXX09]. Group-oriented [HWW04], grouped [LY06, PWXM17].

Grouping [CZ02, GMEO8, Mur01]. groups [BCF16, CWD04, LPE08, NS02, ZIOT+20, ZS15, ZDR07], growing [MSZ+20, YJH14].

growth [KZCW13, RK20, SU+08]. GRU [uRK+21].

GS1000 [LM90b]. GSA [CGS18]. GSC [GML99]. GSC-II [GML09]. GSIb [Hua05]. GSIFT [ACE02].

GSP [KSA11]. GSR [LC17].

GTFS [VCK+20]. GTSIM [ZCDV19].

GTSIM-Pop [ZCDV19], guarantee [CMG+19, LGL+17, MDZ+21, SCZ+14].

guaranteed [KLP19, XTT18].

Guaranteeing [KHH21, CM17, LLW+21b, MKT09, UDST19], guarantees [GJF+12, KV09, LHP+19, SBK+16, ZFW14].

Guest [AB01, AD00, Ano01c, BJCO2, DHS00a, DDS00, Fhu03, HP92, HBB08, Kaa09, KKK00, LBR02, LC01, SGT95, Tan02a, Wl00, ZEO01, vdR93a, BB13, Kaa99]. guests [JK17].

GUS [SB19b]. guidance [JYZ+18].

Guided [GZ14, ZSMS18, BH21, EDY+99, FLF+21, JGB18, YZS+21].

guifi.net [BFN18].

GuiGen [RSSD02]. GWpilot [RMHC15].

GXP [TMM+13].
[Ueh89, SCN\textsuperscript{+14}]. **Help-On-Demand** [SCN\textsuperscript{+14}]. hemodialysis [CXHS20].

**hemotherapy** [ATdc\textsuperscript{+16}]. **HEMT** [Abe92].

**Henry** [HHM\textsuperscript{+19}]. **HEPart** [YWCC18].

**hepatitis** [WCWC19, WCWC20]. **herd** [VP20]. heritage [CGN18, MKS18, PPMM\textsuperscript{+18}, PC18b, WDJC18]. **heterarchy** [DS04c].

**Heterogeneity** [LBGL20, BL15, PLLA18].

**Heterogeneity-aware** [LBGL20].

**Heterogeneous** [BDGG\textsuperscript{+20}, GBA\textsuperscript{+90}, KV17, NLSY20, NBB20, ORPPG20, PZY16, PIP18b, Sun92, VF18, ACGrT02, ACGr+20a, ADAD12, ABTF16, AQN\textsuperscript{+90}, AMGCC18, ACK\textsuperscript{+15}, ACCM19, ABP16, AB17, AB18c, AMBGSS1, ABB19b, BDNP13, BBQ16, BL02, CPGrD\textsuperscript{+13}, CDG\textsuperscript{+14}, CS\textsuperscript{+20}, CBK14, Kos95, LYJ10, LZXW13, LGY14, MRT17, MMMZ20, MRT\textsuperscript{+19}, MM03, MBD21, MRS18b, NR1A19, NK18, OG18, OVVD98, Öst92, PSPP16, PNZ14, PZY17, PDDS10, PBB\textsuperscript{+05}, RD14, SHP\textsuperscript{+16}, SB19a, SAGGB17].

**heterogeneous** [SJT18, SZK16, SLS10, Shi04, SOIS12, SFR15, SLS13, SB16, SK12, TLC\textsuperscript{+20}, TTH15, TMR15, VPT\textsuperscript{+15}, VD16, WC01, WH16, WHS\textsuperscript{+17}, WCV18, WZWC18, WZCZ9, WSC\textsuperscript{+19}, WYD20, YLJ\textsuperscript{+17}, YH20, YG2E1, YS16, YCZJ18, YHH\textsuperscript{+19}, ZG19, ZMP10].

**Heuristic** [AA18, Bal91a, KHHV21, WL05, AL18, CSL18, ESW\textsuperscript{+17}, GSR\textsuperscript{+19}, JM01, KMT14, MC00, RC13, RS17a, THKG98, XA10, XY15, ZZ90, ZZZC19].

**Heuristic-based** [AA18, KHHV21].

**Heuristics** [NBB18, RT15, BAB12, ACKPM19, DSTM14, DNP14, GODM98, GVA\textsuperscript{+16}, GGS13, Man15, WCHL10]. **HFuzz** [LCFM20]. **HGC** [GAT\textsuperscript{+20}]. **HIB** [WCWC19]. **HIB-tree** [WCWC18]. **Hidden** [LGT\textsuperscript{+20}, CLK20, FLG\textsuperscript{+20}, MPS21, PGHS20, WQG15, XZP\textsuperscript{+19}]. **Hiding** [DSM\textsuperscript{+19}, WJS\textsuperscript{+21}, CCD\textsuperscript{+19}, HZL18a, PSAL20, Sha16, ST20b]. **Hierarchical** [BMT12, LLW\textsuperscript{+18}, LOJ\textsuperscript{+07}, MTM21, ASTEP98, ABF\textsuperscript{+15b}, CFGC03, CWW\textsuperscript{+13}, EK11, EV96, EW99, FK12, GWZ20, GPW120, HV92, HYS17, HYS18, HML09, KK11, L120, LKGO8, LLZO7, LDCZ20, OSCY93, OCCK14, PRC\textsuperscript{+14}, QPTGG\textsuperscript{+12}, RKB18, SYG\textsuperscript{+20}, SZS\textsuperscript{+21}, TTC\textsuperscript{+14}, WLGL19, WLD\textsuperscript{+20a}, XY20, ZB19, ZDR07, ZLTY10]. **Hierarchical-deterministic** [WLGL19]. **hierarchically** [CBK\textsuperscript{+01}].

**hierarchies** [ECPF17b]. **Hierarchy** [ZZ90, LHC03, XL19, ZH17]. **High** [AB01, AJY12, APS\textsuperscript{+19}, AQB15, BBC\textsuperscript{+99}, Bhu95, BM92, Bis94, CST92, CIS\textsuperscript{+20}, DRS\textsuperscript{+97}, FBS18, Gen95, GGJ13, GHW\textsuperscript{+20}, GAB\textsuperscript{+96}, HSS92, HGM15, HML\textsuperscript{+06}, HJPS03, KDPH16, KBP\textsuperscript{+03}, Kha12, KKK07, LYS12, MFP05, MKH13, MDT\textsuperscript{+15}, MMAM13, PIP18b, SEH99, SG14, Ste94, TDC\textsuperscript{+20}, WHMO13, WQG15, WMX\textsuperscript{+18}, WBF08, Wri19, WXGM18, XWLC20, YTQ19, YTQ20b, YTQ20a].
KC19b, KMK+14, KSM+07a, KSM+07b, Lau01, LSL05, LRJ+06, LRYJ17, LC01, 
LHX+18, LSH+11, Lin21, LLSR02, MLW18a, MI01, MEC+20, MAPA19, MR03b, 
NWMG17, NAAC19, OGO+20, OS01, PH99, PD+11, PCB99, RPA+18, RJH+09, 
Reu03b, RS17b, SB14, SPMC10, STH+98, SGFS01, SB97, Sch03, SGKC10, SEMJ11, 
SK18, SLDK03, SSZ+13, SRCC97, SSP17, SYL18, SKX+20, TSWL17, TbdL16, 
TSZP99, TCT+16, Tur18, UCO20, VBP03, VSNB19, WDL16, Wei11, WIT94, 
YDK11, YW21, YXLB20, YK20a, YK17, YLY19, YYKK20, YN+20, ZY+18, 
ZBTC17, ZCQ+16, ZYTC15, ZHJW20, AHL11, Ben99, CMZ95, Din99, HB98, 
Lid99, LBB+09, MLC+11, MI100, dSL98.

**high-available** [SB14].  **High-definition** [HML+06].  **high-dimensional** 
[BS04, CHJ+04, DJPM18].  **high-efficiency** [FWZ+20].  **high-efficient** 
[CWW+20].  **high-energy** [ABB+03].  **high-frequency** [YXLB20].  **high-latency** 
[ABB+03].

**High-Level** [HSS92, WBF08, dRADFG18, BMFC07, CMS+18, KMK+14, KSM+07a, 
KSM+07b, NAAC19].  **high-order** [Che14, DFP18].  **High-Performance** 
[BMR92, SG14, WXGM18, AB01, BBC+99, Bhu95, GHW+20, GAB+96, KDHP16, 
MDT+18, SEH99, Ste94, Aba09, AMW99, CW+08, GGH+06, HHSW92, HKT+10, 
KBM+02, LRYJ17, LHX+18, LLSR02, MI01, OGO+20, Reu03b, STH+98, SGFS01, SB97, 
Sch03, SGKC10, SEMJ11, SSP17, TbdL16, Tur18, YYKK20, ZY+18, Lid99].

**high-productivity** [CGM120].  **High-quality** [XWL20, TSZP99].

**High-resolution** [KB+03, YG19, YG20a, YG20b, 
DCC+14, JRG+11, YDK11].  **High-speed** [LYS12, MFP05, AB03, DJJ+18, HDB18, 
HG92, HAB+06, KC19b, LSH+11, MLW18a, MAPA19, RPA+18, SRG+03, VSNB19].

**high-stakes** [CND+19].  **High-throughput** [CIS+20, ZSX+15, YW21].  **higher** [Dal06].

**highlighting** [SS04].  **Highly** [CD16, LN18, MRH17, SBSL06, XLX+21, 
BLRS98, CWJ+18b, DC21, Fli14, GV13, JCP+20, JSS+12, JM01, KSY92, MAC14, 
MCA+18, PSH+20, PMLV+13, Tor13, WY20, ZYCZ19, ZFMB20].

**highly-efficient** [PSH+20].  **highly-threaded** [MAC14, MCA+18].

**Highway** [HICAFM+06].  **hints** [dNE05].  
**historical** [HJ16, GGPW09].  **history** 
[YWJ+18, YSL19].  **hitting** [CsdCM+17].

**HIVE** [OK+20].  **HLA** [BKK02, CYLT05].

**HLA-based** [CYLT05].  **HM** [dSMAd+17].  
**HMD** [SHH+19].  **HMMs** [LPL+20].  **hoc** 
[AAS+19, BLMU19, CNP+19, FPMJ21, GR07, HKKH18, KKN18, KIAD17, LLYW19, 
LBYL08, LM07, LAQ+19, LJJ+11, MV09, SGGCR+16, SM01a, SVK19, SKX+20, 
UHN20, VCD+18, YFY+13, ZF16].  **HOG**  [LZL19b].  **holder**  [FZT+18].  **holds**  [PM00].

**holes** [SHB89, SK12].  **Holistic** [BBW+18, LJPW18, MB21, Anol21r, MBB+20].

**Holland** [vdR87c, vdR87e].  **holographic** [CGN18].  **Home** [HMC06, ACPI19, AC18, 
CBPP18, FMM+20, GZG20, JBC16, MAC+21, MLV18b, PMSL18, YXL20, 
ZTC20, KADJ14, SLO+05b].  **Home-based** 
[HMC06].  **home-forwarding** [MLV18b].

**homes** [Bae14, JKS20b, LRJG19, Mat18, 
OCP14, RAS+20, RLQ+21, TOD17, 
TZZ+18, YSHM19, GMLGB+17, HSS17].

**Homogeneous** [TKA18b, CVDRA+20, 
H003, HXJ10, PSP16, SP17].

**homologous** [BORM07].  **homomorphic** 
[CJXX19, FWZ+20, MK17, RST+16, 
ZXJ+14].  **homotopy** [CFVP03].  **honest** 
[FZC+20].  **honeypot** [RZH21].  **Honeypot** 
[PD11].  **Honing** [AKCP21].  **Hop** 
[WWTF18, GNT05, HB21, KESL17, LLAW17, SAH19, TZZ+19].

**HOPE** [LM12].  **Hopfield** [TZZK13].

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

**Horse** [CLK11].  **horticulture** [KH89].

Householder [DV03]. housing [BKV+20].

HPC [LPK18, SG14, AHEM17, ALM+10, BC15, BL13, BHRT98, CXXD18, CLDC19, CLP+14, CGL15, CKW21, CRTN17, DMSS97, DYI+16, ETR+13, FDGR14, GDP+18, JOPW14, KBVH14, KKKB19, LKP17, LZX16, MGGS+20, MAJD18, MGR11, MAB+20, MDO+15, MSM+18a, NKB+20, PA01b, RRP+14, SNC18, SS8+20, TQZQ18, TKR+15, WMLS14, WOPW13, WG13, WDR+19, YZ18, YDT19, ZGB+17, ZME+15].


Huard [HPF94]. Hub [SD+20, TLC+20]. Hubert [Zad87].

HUBzero [SG19]. Huffman [HIMM20].

huge [CWW+13]. Human [BH21, LHA20, LY19, NFK+20, WCB+18, YMY21, ZTC+19, ABP+19, AS19a, AR20, AAR+20, BAPS14, CZXL18, CPMG19, DMMF98, DIK+06, uHA20, GCCMK+20, GMP+17, HZW19, HUMA18, HZ+18, HZN14, HMMW19, KZC04, KSS19, KKP19, OPT+17, Pag99, PYY+18, PB18, PKA19, SZL+21, UPP17, WY19, XLL+19c, XYX18, Zad87, vVDBB98]. human-centric [GCCMK+20]. human-chatbot [CPMG19]. human-computer [WY19].

human-robot [AR20]. human-workpiece [OPT+17].


HW/SW [XZL+19]. Hybrid [ADM20, AMT+21, CLL+18a, CWW+13, DZXS21, HLZ+19, HEES19, KCR20, LDY+18, MMY+1, MGR11, MKM11, OPO13, RCE18B, SA18, TCC18, VMN+18, WM14, YHZ14, ABMESM18, APA17, AALEF20, ABC+18, AM20, AR18, AFSH+19, ATH+19, AB18a, AMG18, AK14, AM19a, Ba02b, BC15, Boa04, BKK02, BBD+18, BCD+18, CT19a, CRM+16, CVKB12, CRC13, CGBA18, CFG+19, CAC+15, CSJ+17, CSJS18, CRTN17, DS00, DBS+18, ED04, FJL+16, FDP17, FWB13a, GAJ18, GGG20, GDR10, HZL+19, HQ07, HZLH19, HIA+18c, HG92, ICBC20, KKL06, LDB18, LA19, LYMZ09, LLC+14, LLW+20, LDGS20, LDX19, LQLX10, LZX16, LTC+19, LZA+20, LDCZ20, LSV+18, Loy01, LH20, dSMAdR+17, MFN13, MFP+16, MLF16, MV09, Nag16, NHH+20, PPL17, PP20, PZ2L21, PRN14, RBN13, RS17a, RGRV+20, ROK19, STMV18, SSS02, SVN+20a, SP18b, SLZ+18, TZST14, TMT+07].

hybrid [TYN17, TDPF+17, TSB18, TSB20, VF18, VBB13a, VPT+15, VCKB12, WXLY16, WMQ+16, WXPL17, YLN15, ZCH+17, ZYW+18, ZLZ21, ZKGB20, ZWJ+18, LM12].

hybrid-cloud [LDB18].

hybrid-indexed [WXLY16].

hybrid-multi [HIA+18c].

HybridNN [FWB13b].

Hybrids [HAA+16].

Hydrodynamic [NCS04, RBS93]. hydrological [HLZ18].

hylomorphisms [CHSA18].

HyO [DL04].

HyO-XTM [DL04].

hype [BLY+09].

hyper [AL18, DL04, FC18JF21, RC13].

hyper-graph [DL04].

hyper-heuristic
[AL18, RC13]. hyper-scale [FCOJFM21]. hyperbolic [NB04]. hypercube
[FGH95b, Shi92]. hypercubes
[DK14, Xia06]. HyperFlow
[Ba16, MGZ+20]. Hypergraph
[RRKA19, JSV21, MBZ+21, SKS17, YWCC18, GAT+20]. hypergraph-based
[MBZ+21]. hyperheuristics [MOBD18]. Hyperledger [LGKA21]. Hyperscale
[RMRS19]. hyperspace [NLM+16]. hyperspectral [Cha11, PM04]. hypervisor
[ASB18, RS16]. hypre [Cha11, PM04]. hyperspectral
[Bal16, MGZ+20]. HyperFlow
[DK14, Xia06]. Hypergraph
[RRKA19, JSV21, MBZ+21, SKS17, YWCC18, GAT+20]. hypergraph-based
[MBZ+21]. hyperheuristics [MOBD18]. Hyperledger [LGKA21]. Hyperscale
[RMRS19]. hyperspace [NLM+16]. hyperspectral [Cha11, PM04]. hypervisor
[ASB18, RS16]. hypre [FJY06].

I-Scheduler [EMHE21]. I-TASSER
[ZZBZ19]. I/O
[ABA06a, BBN+20, BFK02, CkLC06, CSL18, DLZ+14, DLX14, DYI+16, Geo02, HMC06, Khes21, OKO2, SM96, TDFZ18, ZXL14]. I/O-intensive [CkLC06]. IaaS
[AA18, AMMC18, AEME+18, CMB17, GLN13, LCH+18, MJDN15, MGG+17, NCS12, PVA+20, TBO20, TTB+13, TTH15, YDQC19, ZT19, VVB15]. IAN [LG08].
iBike [ZWQ+19]. IBP [BBLP05]. IBPster
[ASPB03]. IBRIDGE [ATH+19]. iCAFE
[SSK+19]. iCAuth [SBL18]. Icing
[CFD+20]. ICN
[HKG20, URN+20, ZXX+20b, ZLS+20]. ICN-based [URN+20]. ICOT
[BY93, Kuo06, Tic93, Uch87]. ICPADS
[TCG14]. ICs [VF18]. ICTBioMed
[SJD+20]. ID [Wan18a, WDZ19]. ID-based
[Wan18a, WDZ19]. IDE [SCJ+19a]. ideal
[FPdS04]. ideas [Pin87]. identifiable
[SWW+13]. Identification
[BCCS20, WLZ+14, AsRA+19, AFO+18, ARP+19, AYHA20, AJ19, ASAAM+19, BRL19, BH21, CPW19, CPP16, DCS+07, GWW+20, HNQ+18, HZW+16, IURJ+21, KNRI21, KZA11, KSDR21, LLQS14, LZ20a, LWT18, STS+20, SK06, VOCH17, WLLF16, WCB+18, WNR19, WML+21, WLC+20b, ZZ21, ZWJ19b, uRKi21]. identify

[HIA+18c, KAS+18, MLB+19, SBF+21]. Identifying
[AHS+18, AOSA20a, BTP19, PSLZ18, MM21, MSY20, QMCX20, WCM+19, XTF+19]. identities [TOS18]. Identity
[HSM13, HYF18, ZDW+16, BDM+20, CLM+16, HCL+17, LK12, LGT+20, MLM16, PLCGS11, WMX+17, Wan18b, WZCH17, YWJ+19, YXA+16, ZWCC21, Sar18a]. Identity-based
[HSM13, HYF18, ZDW+16, LK12, WZCH17, YWJ+19, YXA+16, ZWCC21]. ideology
[Sap88]. IDH [CXHS20]. Idle
[CLR18]. IDLists [HNV+20]. iDoctor [ZCH+17]. IDS [HNCJ13]. IEC
[YS16]. IEEE
[BGL08, CF09, AAQ+19, KZ17]. IEEE/ACM
[BGL08, KZ17]. IFC
[ANO02b, ANO03h]. iFlask
[AN02b, AN03h]. IST [BY93, Kuo06, Tic93, Uch87]. iFLASH
[AN02b, AN03h]. iGAS
[AOSA20a, BTP19, PSLZ18, MM21]. iIoT
[GLW+18, PMMG+20, WLC+20a]. iIoT-enabled
[GLW+18]. II
[vdrR87c, GML99, RVC16a, WGL92]. III
[GW20, KGW95, YDD+18]. IloT
[GLW+20, PMMG+20, WLC+20a]. IloT-enabled
[GLW+20]. IIIVFS
[GSKS20]. IIIVFS-WASPAS [GSKS20]. illegal
[MCF20]. illegitimate [WTHT19]. illness
[KCY+21]. illumination [LLU+18]. illustration
[AVG00]. ILU
[KZC04, LN94]. ILU-relaxation
[LN94]. Image
[JL21, MSM+18b, VFOV20, YH+20, YXD18, Zmu20, AMBB18, AM19a, BBB+20, Bro19, DNP20, CEGL01, CLZ+20, CEJK94, DVV+20, DGA18, EFDO0, FVM14, FP03, GHEB+18, GPV+14, GDS18, GML99, sGKS19, HYS04, HLC16, HQL20, Ima19, JYX+18, KO11, KSSR20, KZA11, hKB11, KKV+99, KVHT10, KE85, LHJC18, LSZ+16, LLW+20, LYFZ20, LZ21, LLW04, LZZ+12, LWZ+20, LYH+21, MYA19, MGLV04, NOF18, OK+19, OCA+07, PK99, Pet95, PCM99, QZHZ21, QC21,
RRKA19, SGBC+20, SCZ+20, VOCH17, WCHA20, WAFA20, XWX+17, XPL19, XWK21, YDK11, YCY10, YSC+15, YJS18, ZFY18, ZSMS18, ZH20, ZHP+21, CSV+12]


Images [PSAL20, YTQ19, YTQ20b, AM19a, BCT+07, BCDv+19, Cha11, CZ19, CCM98, DSA+19, DCC+14, FCD+14, GRB+19, HAM18, HWWT12, HZL+21, JP18, KMK+19, KJJ+19, KHO+19, LU+18, MLO01, MAPA19, QMCX19, RICW00, SLH+20, SVFda20, SGL99, SMC99, TA19, WWCN13, XJWW15, XW21, YTQ20a, ZWH+21b]. imaging [DMMP98, DMM+99, HLS+19, OM10, SYCH18]. imbalance [CdSDS15, PAL+19]. iMeter [YQLZ14].

Immersive

[MY19, WKF03, CN98, RMI+98].

immigrant [PLBC20]. IMMSIM

[PKSC02]. Immune

[BCS99, BZMY10, CYY+18, ED04, KRL01, LFL+17, PKSC02, ZZN04]. Immunization

[ZHL+18]. Immunization-based [ZHL+18].

Impact

[HAF+16, KESL17, RA12, dACNC16, ABMM18, AGKZ18, BOWD+19, BCCS20, Car03, CRVZ21, CRB+16, CBLS13, Dub01, HHD+12, TLTY06, WAD+89, dSCD+19],

impacts

[BNJ16, HH19, LKS+21, PLLE18, SCG+18].

impaired [KPG19]. impelled [PRN14].

imperfect [EU19, ZHG+20].

impersonation [Kho21b]. Implantable

[BD+19, ABS+18]. implants [MSR20].

implement [HHSW92]. Implementation

[BS9a, BQI+20, CY9B0, CCKW88, DSDV20, DCK03, EPJ+05, GL95, GSD95, MMV08, MD92b, Pit96, SM101, SK21, SDKM20, WMN+01, YCY10, YCD+19, YCL+19, mSN95, AMN18, ABG02, AKMK05, ACcDT02, AAB+10, ACHP19, ABK94, Ber96, BS92, BG05, BL92, CMZ95, CS05, CY88, CD99, DHS00b, DvdHgL09, GVDT16, GHLW18, GD93b, GY90, GC94, HZDS19, HLV+16, HHZ19, JLU03, JYY+17, JNR12, KNO1, KANS18, KG+19, KVT10, LJY04, LL04b, LJS17, LGW+17, LY90b, LH07, LC03, Luk00, LMH+09, MK17, MVT+99, Mur88, OMM18, OBG+18, PR95, PSR+07, PTH19, SPRF+10, SCP+21, SM96, SAVS19, TLC+15, TMM+13, TBB+17, VCM+03, VSM02, VS88, XJJ+18, YJA03, YdOL05, Yve20, ZN12, ZZQ+13].

Implementation-independent [DSV20].

Implementations

[VSvD95, Ano86i, DFGC14, LCFM20, NSS99, RAM+20, Ref87, SLH+20, ZTW+18a]. implemented [BTM10]. Implementing

[CS93, CMD+14, KFK19, Sk10, YJ19, ARB0, HS98, Pap05, PK11, RM97].

Implications

[AM20, ESPN17, dAMVULM20, CWJ16, FFAW20, ID98, XLZ99]. implicit

[CIW16, FFAW20, ID98, XLZ14].

importance [AMT+12, MS03]. important [LXM+18]. imported [XLL+19b].

imprecise [KR6+19, SK12]. IMPRECO

[CG10]. impression [vdR87]. imprint

[CWUS19]. improve [CLP+14, GMLGB+17, LK08, LFH+15, ODD+13, PLZ+19, RMS+17, SMC99, SYH+21, ZMS+06].

Improved

[AM20, ESPN17, dAMVULM20, SE19, TA18, TV16, WLL+19a, XCL+20, AMC19, uRBB120, BK20, BBI13, CVD+20, DCZ20, HZL18b, HLZ18, JLS19, JLQZ18, KKS19, KI19, KKYK04, LLP+20b, LZXG12, PKR21, QZHH21, TTD+20, TM10, YHL+19, YPJ19, YDD+18, XYH20].

improvement

[CHS11, Holo93, LZH+20, MJM+16, RBN+19, WQ19, WTS14]. improvements

[BGC19b, CKW21]. Improving

[AKB+19, AMMC18, BVFWG15, BL13, DGL20, Duag94, ECPF17a, FPH+21, GGCIV20, GIM16, GW20, HAF+16, HCNT14, HMA18b, HXL+18, KHE21, KW20, LLN11, LHY10, LDDL20, LZZ+21,
MYW+19, PKC04, PPG+20, PAB+14, SS04, SG13, TS08, WSC+19, WLML17, YZ18, ZTQ+20, ASD12, AB95, BBD+21, BDT21, CCW+20a, FLG+20, GVI13, GJKP18, HBCR01, SAH19, SDZ+20, SBA+17, XTF+19]. improvisation [VSKS19].
imputation [CRYG18]. In-band [WGX+19]. in-core [CKFJ06]. in-depth [OMPSPL20]. In-Mapper [MLC18b].
In-memory [GQLX18, BYL+18, GXW+19, HZDS19, JA20, USK16, UDvdW+18, WZS+18].
In-network [PJDO13, CF20, URN+20, XGZ20, ZZDM+18]. in-place [PWMX17]. in-the-wild [vHA20]. in-transit [AHP16, ZBTB+20]. In-VIGO [ACC+05a].
Incentive [WCY+20, DWJM18, GA13, HHK18, HDLW13, JLQ+17, LLW+19d, LWZ+19b, RHB08, SOM+19, WL+20a, XY15, ZAI13, ZCDV19]. incentive-based [RHB08, XY15]. incentive-compatible [HDLW13, SOM+19]. incentive-driven [HHK18]. incentives [KRZ+19].
incentiviied [BDPF11a, DG21]. Inception [LYH+21]. Inception-v3 [LYH+21].
incidence [XL19]. incident [CES+19, FM17]. incident-supporting [CES+19]. incidents [TMS+17, dSGD13].
including [LRMC94]. inclusive [FLT17]. incompatible [SL19]. Incomplete [Che20, MvdV01]. incompletely [SWW+20]. incompressible [VFS01].
inconsistency [YWJ+18]. incorporate [YMW13]. incorporated [MECRFD20].
Incorporating [LYS+19, SPBT07]. Incorporation [GM+05, dAMVULM20]. increase [LH08]. Increasing [IDM+16, KKAS19, KH18a, WWX+17].
Increment [SS03, TWG+19]. Incremental [PBL+18, SP21, XWM18, ArMS19, ANH+21, CAPG18, FRB+14, KMB16, LKM14, LY18a, LPY+18, PVBH05, WWY21, YNL19, ZFS+18]. incrementally [GYYW16].
increments [Tor04]. Independent [FMSSM12, BK20, CFL+18, DSDV20, EG18, Fio06, Ger02, GVA+16, LHL09, SD20, dVGSB+20]. independently [BSCC06].
Indeterminacy [HMT+20, BN21]. Index [Ana00a, Ana00b, Ana01a, Ana01d, Ao06, Ana05b, Ana06a, Ana07d, Ana09a, Ana09a, Ana09a, Ana09a, Ana092b, Ana092b, Ana092i, Ana093a, Ana093i, Ana094a, Ana094b, Ana094g, Ana095a, Ana095b, Ana098a, Ana098c, Ana092a, Ana02c, Ana03a, Ana03i, Ana04a, Ana04b, Ana05f, CXL18, CPLH19, KHL20, WXPL17, XYL+20, Lin18]. indexed [LSL+15, WXYL16, YNL19]. indexing [ARP14, FMV14, JA20, KCK04, L19b, MSZ+20, RST+16, SB17a, SL+09, WZW+19a, WHMO13, ZQQZ09]. Indian [SG20].
indicative [ZNC+18]. indicators [DPS16, HZ+19, HZ+20, HAAR+19, L+20, NAAC19, SK20b, SA19, KJFS12].
indices [ACG+20b, NLO+20, TBD+02]. indirect [VS19]. INDIS [VTD18].
Indistinguishability [ZH20, YZW+18]. indistinguishability-based [YWZ+18].
individual [CN17, HZM14, NZOCJ+19, PS10, Sch01, Mor01]. Individual-based [Mor01]. individualized [MOW+20].
Indoor [NTH20, SLK17, YCD+19, HH+19, HST+18, HDH+18, HZZ+18, LQS+20, LwV14, Mat18, MLGGB+17, MKS18, OMD+18, PECA19, SDKM20, YYD+14]. indoor/outdoor [LQS+20]. Induced [vOB95, LSV+18]. induction [PMK18, RFd20]. Industrial [CH98, MBF+20, ZWJ+19a, DM12, FBL+20, Gal87, GHD19, GMP+20a, HLL+20, LG08, LHO17, LW18a, LW19, Luk00, LCLA21, PTD+18, PWA+19, RCD+21, Sch94, Sin84, SMC+20, Sm186, ZWH+20, uRYS+19, LG08, NSR+19].
industrial-based [LCLA21]. Industry [JC15, Kaa99, Mur95, BGR+99, FG18, Kaa98, LPC+95, QGT+18, Ros94, VCL+19, ZMS18, ZWJ+19a]. Inexact [BMZ01].
infant [QJZ+20]. infants [CPE+17].
infection [GPRM21]. infectious [GDCGVG20, LBY+20]. Inferece [AP96, BB84, CBC+19, Her84, HV84, KKYK04, Bal93, DDS86, JKS20a, JLS19, LBD+19, LZ20a, LLZ20, MFT+17, MAQ+20, NA19, SL19, TCC18, Uch87, WMBV17, BB85]. inference-making [DD86]. inferred [YWY+17]. inferring [DYC+18, uHA20, JHV+20, XTL+19]. InfiniBand [KBVH14]. infinite [Tab06]. Influence [GGH+19, NBB18, WSX21, HMC19, IWLH20, MLC+20, MFT+17, TL19, WJLW18, WDD18, WGM15, XZ20]. influencer [WM21]. influences [LZL+20]. influencing [KSC+19]. Influential [ZSJ19, QMCX20, WCM+19, XWM20, ZZC14]. influeniza [KCY+21]. INFN [ABB+05]. INFN-Grid [ABB+05]. infodemiological [GDCGVG20]. Informal [PRPPFRL20, KZBK99]. Informations [ABS11, AFD07, AT18a, ArMA+21, ABMS05, BB+11, ChK11, CCRL18, DP17, DHA+20, FMD99, GPZP20, Kim07b, LZ20b, LDW+21, MSO18, NMR21, SR03, TAB+18, URKM19, ZZ15, AHS11, AAA+19, ATdC+16, Ano84a, Ano86j, AM19b, BG12, BRR+04, BT17, BNJ16, BGP+17, BMH10, BDNP92, Car86, CFC+20, CPW19, CCJ16, CWZ+17, CWJ+18a, Dek86, DSM+19, DMD21, DMPS19, DGGH11, Dub91, ELAEAVAM19, EV98, FAL+19, FMS08b, GZLZ16, GRTV10, GCCL18, GCTLA+19, GFD14, GW+20, GWC+16, GB99, HZC10, HPP+18, HYC04, JLO8, JTL+19, JCO9, KKYK04, KB18, KV12, KAS+18, KHS9, KB16, KK97, TXLS09, LHJC18, LNB14, LWK+18, LHL20, LC03, dSMAD1+17, MSKT07, MVG18, Mar98b, Mar98a, Mar99b, MS03, Mat18, MFM16, Naga86a, OB17, PSAL20, PKC04, PARMF14, PGPW09, RLL+17, RGC+10, SMK20, SMF+19, SPT+18, SSL+19, SPCL04, SBD+18, SNA92, SLD+18, SKX+20]. information [TWG+19, TGM+19a, TJWS10, TD21, TSOB15, TQL+19, TGM+19b, TCH19, VMCM+20, VS13, VPT+10, Wal86, WRCC17, WXZ+18a, WDHY20, WZ18, WBT05, WWZ18, WSJ+21, XSM15, XFJ+20, XCGD10, XLL+14, XLP19, XLL+19c, YHC20, YCG+20, YLGZ21, YSL19, YHH+19, ZWS+12, ZWJ19b, vHSL+15]. Information-Centric [DHA+20, NMR21, AT18a, RLL+17, TGM+19b]. Information-Powered [TAB+18]. Information-theoretical [ZZ15]. informational [AP20]. Informative [Ano85a]. informations [CABB20]. infos [XCW20]. inframedical [FWB13b]. InfraPhenoGrid [PAC+18]. infrared [HYW04, WZCZ20, WZCZ20]. Infrastructure [AT02, CA21, HGM15, TSTL16, VDK12, AB19b, ATM+19, BBWB+18, BMU16, BC15, BCT+07, BH13, BBD+20, BCD+18, Car03, CCMP18, CO03, CCM+14, CD08, DWS12, FG14, GTRRC16, GVCUGF20, GAI+18, GXX19, GdbW06, GNWT05, HMM18, HTXW21, Hua05, HZW+16, JLO3, KZ14, KuRak+18, KB+09, KCH+13, KK14, MMT+13, MLC+18a, MRT+19, MBS13, MB21, MGLPPJ13, NS999, PP10, PAC+17, RaAdAR19, RVMG+10, STTK03, SP93, XHW19, AE13, CPBGC16, GRL11, LPD+13]. infrastructure-as-a-service [KuRak+18, KK14, LPD+13]. infrastructure-level [FG14]. Infrastructures [CMNK19, ZTP20, BDL20, CMZ+12, CRM+16, CA15a, CBC+20, DQC+19, ENC+12, EMJ+13, FQBCF15, FP018, FGB21a, GBD+18, GF14, HZ10, KdGP+19, LT1010, LPK17, LPK18, LPBB+18, MT17, MFN13, MPR+16, MLSF16, PJBB20, PGCM+19, PT05, PPL+15, PWA+19, RMHCMG15, SFR15, VHML10, WTM+17, WHY18, dSGD13]. infrequent [CCM20]. infused [ZSP17].
Inhibition [JLC+20, YWG+19, YWG+20b].

INHIBITOR [WGW+21]. initial
[SSMG95]. initialization [PCK19].

Initiation [OVK+09]. initiative
[ASAAM+19, DR89, MLC+11, YCH19].

initiatives [dLRW03]. initio [LDSH95].

Injecting [GRTV10]. injection [HTV07].

injuries [WPW+18]. injury [Bo19, Bo20b].

inland [KBG20]. innovations [SSFR19].

Innovative
[Cuz14, KTM+08, RBLD21, TGM+19b].

InOt [PLA18]. input [Aba06b, WHCZ18].

input/output [Aba06b, WHCZ18]. inputs
[BLMT20, PCCX21, Wan19]. inquiry
[LZW21]. ins [MS01, HYS04]. insecurity
[BP13]. Insertion
[GK18, MAC17, LZLL18a, WZXX21].

InsideNet [MMAA19]. insider
[MLWA20, RSQS21, SMF+19]. insight
[BCD+18]. Insights
[Cur92, AC16, GTSAR+14, KF00, WLH18].

inspection [HLL+19, LSZ+18, RSRA18].

inspired [AT19b, BW13, CWLZ19, FM10a,

GWW+19, IGB+14, JYSH20, KKS18b,

LCW+18, RSBM20, RSQS21, VP20, VV16,

XZZ+14, XZZ+19, ZYW+18, ZML20,

ZEO98, ZEO01, sSFD+19]. instability
[Bo19, Bo20b]. installations [ACP19].

installation [SOIS12]. instance [FCY18,

Le01, TPF+20, WLLY20, WWZ+19].

instance-based [Le01].

instance-intensive [WZW+19]. instances
[BKSS02, CLR18, DR18, FEÁ19, GdCP19,

Le098]. instantaneous [MRV01]. Institute
[GDZ+19]. Institutes [Vas87b].

institutional [BH13]. institutions
[KBTT20, PKP19]. instruction [GD05].

instructions [Goo01]. instrumentation
[BP01, BDZ13, MPPM09]. instrumented
[GD93b]. insurance [ABZK15]. integer
[GA+17]. integral [de 94]. integrate
[BFLL99, BOP+14, GRCP+17, PBB+05].

Integrated
[AS18b, CT09, SDBdL06, AIP+19, BCMA07,

CM17, CSV+19, DZJ+00, Dui89, FHYH15,

FCD+14, GDRS04, GSKS20, HCB+20,

HFL+19, IdLR01, KAS+18, LY90b,

MPF+16, MRR+20, PDH18, Re87,

STTK03, SGKC10, SH19, STK02, TBG+20,

WZW19, WLW+21, WQ91, WS10,

WHCW19, YZLQ14, YH19, YK20a].

Integrating [BCMR12, BMM+20, HC17,

LCL14, LHY+19, WLY+20, YPX+20,

BGNH+20, BDZ13, BCS20, CT19c,

OG0+20, PFW+14, PP20, TQI+19, WC20].

Integration [APRC16, AFF+09, AKW90a,

BdDPP16, CA21, CCY+18, DP17, FP14,

HRC19, HHZJ19, RAA+18, SKH20, AMB03,

APC+20, BBD+21, BDT21, CGST09,

DPP03, DRR+07, FGP20, GACM17,

HYC04, HAAR+19, JNS+19, LKS+21,

LLF+18b, LHY+21, MGV+18, MBZ+21,

MG21, MR03a, MR04b, PCVN21,

RMC+18, SGP+20a, SGY+07, Sin07,

SMM+14, SPKG18, SAC11, WLLF16,

YW+10, ZMP10]. Integrative [LGS+07].

integrator [JL03]. integrators
[DV03, IS06, MPQ03]. Integrity
[DL19, FLT+19, FMN+20, GKB20, GSC11,

HKA+18, HOV20, JZJ+18, LSG18, LXR19,

LYZC15, OB04, PPG19, SL87, SHJR04,

WWR16, WWZ+20, XY+16].

Intel [CDMR19, FHC95b, GDS+20].

Intell [AS18b]. Intelligence
[AT20, ACC+16, Cha14a, DIB20, DAW20,

IDM+20, Jun17, Kow85, Sha20, SRP20,

SLS+19, ZWH21a, vdR87a, AGd5+21,

AM21, All92, AB18b, Ano86f, Ano87b,

Ano87c, Ano87l, Cha14b, DD07, DSW+20,

EO86, GJKP18, GSN+18, HDA+19, How91,

HLT+18, JNR12, Kow84, LSV+18, Lop96,

LFY+19, LCLA21, MCA02, MCWP16,

NPH19, Nio89, NAM+19, Odi14, OB19,

QC18, RAA+20, RBC+88, Sch85, SSST17,

SJJ+18, Szu98, Szu01, WM14, Wii84,

YZWG18, YHJZ14, vdR87b, vdR87c,

Ano84e]. intelligence-based [OB19].

Intelligent [ACWJ19, AAS+20, BAMR20,
BDCC19, DX14, ETH20, GCD+18, Hsu14, Kim18, KH89, KK97, LRZ+18, LWZ+19a, LQY21, LZA+20, LCLW21, MTNM08, MWL+20, NRM10, NNC+19, QKG20, SRP20, SZL+21, UUK+21, XKJ+18, XXX+19, YSL19, ZWQ+19, ZXW+20, ASHO20, AHMS18, AESI+21, BKS+18, BQ1+20, CPD13, CSJN05, CXHS20, COC10, CRC+19, DAT21, HMW+19, HCX+19, IMKB89, KFF89, KLR01, Kol18, LHD+20, LY21, LLZ+18b, LXT+19, LLW+19d, LQF19, LWZ+19b, MWC+03, MDT+20, MAY18, NAD+18, NWL17, OMD+18, PTD+18, PKY+17, PLP+19, QC21, RAA+21, SACN+21, SII19, SMW+20, SL14, SDC11, Ueh89, VFHB14, XB14, XTL+19, XZZ+19, XLZ18, YPX+20, YWH+21, ZLXH20, ZDL+19, SSK+19. intelligent/cognitive [BKS+18]. intensity [GZZ+18]. Intensive [DO15, Atdc+16, BMK+14b, BPS+03, CdjC06, Cuz14, DST10, GV!RVIB14, GJ15, HLH+20, HHLZ20, IDCJ11, JFZL17, KS18a, KGWW14, LTL19, LFH019, MF05, NNA+14, P0L09, Pet95, RRD21, RSJ+14, SEKS+20, SY04, SLC+17, SBD+18, TdPF+17, TjLT00, TdBI16, TCBC18, TSB18, TSB20, VV13b, WTR+13, WZZ16, WWZ+19, WHY17, WHZ19, YFY+13, dSCD+19]. intent [KPM+18]. intention [CT19c, JLQZ18]. intentions [FDT17]. Inter [DVV90, OMPsp+19, WXR21, CLL18b, DPK+19, DDP+97, GS95, GGLW18, LD17, LYS12, PZHD20, SRZD15, SB16, SBP+17, SBL18, VO12]. inter-cell [DPK+19]. inter-cloud [CLL18b, SRZD15, SB16, SBP+17, SBL18]. inter-connectivity [VOS12]. inter-enterprise [DDR+97]. inter-microcell [PZHD20]. Inter-process [DVV90]. Inter-Pulse [OMPsp+19]. inter-purchase [GGLW18]. inter-service [LD17]. inter-stream [GS95]. inter-view [LYS12]. Inter/intra [WXR21]. Inter/intra-category [WXR21]. interacting [DS04c, HHLZ20]. Interaction [ZAP05, AKB18b, AR20, CGN18, CPMG19, FJA+18, HYC+18, IT05, JRJ+11, JRB+20, KHHV21, KID+16, MJ06, NAG16, RRH16, XLCB20, ZXZ+19, YGE21, YMY21, ZMN19, ZS05b]. interaction-based [YMY21]. interactions [BPLFR20, Kni89, OPT+17, SDH+19, UZ11, ZGS+13]. Interactive [CAS+16, EdBG+99, JHL+06, MG18, PF01, PK08, RS99, SHN10, ZCS20, ABG18, BDL06, CGN18, CCHD21, DML20, DK00, DLL20, GKW+12, HML+06, HHZ16, ILJC03, KLC05, KKL09b, OPO13, PTM+18, PPAK99, SSFFR19, SBii16, SL19, YZ19, XFM16, dNe05]. interception [MGLPPJ13]. inter-cloud [Erd13]. intercomparison [YCS+20]. interconnect [YMY21]. interconnected [FCY18, FGW+19, MML10]. interconnection [ADKS06, GS13, JAA09, LL18, Shi92]. interconnects [CdjC06, PHK01]. intercontinental [BBB+20, CPK+19, PBC+01]. interdiction [KPS18]. Interdisciplinary [AC10, NS10, GFGB03]. Interest [WLB11, AAB+92, ABS+18, BJWZ08, BMFC07, BCW01, aCKPM19, DCBF19, DLL+99, FFAW20, GHY+18, MTKS09, MFL18, MYK16, OFO+99, PSB15, SRdPG19, DKD08]. interface-adaptation [PSB15]. interface-based [GHY+18]. interfaces [ABF+15a, dRADFG18, BFL99, Buc05a, FJY06, JM20, KMR, PN99, RSSD02]. Interfacing [HC99, PL96, HML07]. interference [vdLLE19, BMBC20, DPK+19, H030, LWZ+20, PZHD20, SS13, SMW+14, SdSP04, VV13b, ZF16, ZQL20].
interferometer [Fin99]. interferon [WCWC19, WCWC20]. intergenerational [MCG+15]. InterGroup [BAC02].
interleaving [BM08]. intermediate [CEJK94, LZW+18, TZLL18, WZZ16].
Interruption [JM02]. internal [KKL09a]. International [Ano86j, CC11, CF09, SST+06, BGL06, CGJ+10, GDZ+19, LRT+16, MLG+11, DPG20, DdL03].
Internet [AMQS+19, DP20c, GTEL+18, HZW+17, HZP20, HAT19, IJCR19, JBM+18, LKCS18, MWQ+19, NSR+19, RC18, RC19, SYJA19, SSW+19, Sun20, VKT+19, YJHZ+14, ZAI+18, LTC12, QCY+19, uRLW+21, ARbL+20, ABMM18, AALEF20, ARHT20, AKP+18, ACWJ19, AR18, Agr19, AT18a, AT19b, ACSdR17, AHY19, AVP17, ASA18, AMPZ16, BA17, BAJ+19, BS17, BBM+03, BOL+20, BZ19, BRH18, BGS+19, BdDPP16, BRB19a, BRB+19b, BW19, BCS20, CT19a, CCL18, CMG+19, Che14, CBT+19, CMF+17, CBPP18, CL18, CDFW18, CMZ+18, CDP20b, CDH+19, DSK+14, DPK+19, DHZ18, DLY+19, DRNMC09, DGR+19, DP19, DC18a, ESW+17, EAS+18, ET20, FG18, FJJ+18, FTK17, FRM+18, FPL+19, FHGF20, GS20, GLC19, GWY+20, GMLGB+17, GBB18, GYHK18, GMD19, GCK18, GCCMK+20, GZW18, GLD+19b, GLW+20, GBMP13, HAJ+19, HDK18, HKA+18, Ham19, HZL18a, HZPS21, HHW+19, HIK+16, HPP+18, HFL+19, HIA+18b].
Internet [HCL+17, HNQ+18, HXL+18, HSS17, JKAU19, JYY+17, JYZ+19, JKSB20, JM20, KWK+18, KKK19, KOT19, KSK+19, KCM19, KKYK04, Kin18, KLM+18, KLMB19, KLJS9, KMS19, KMS20, LLM13, LKJ+19, LAS20, LBD+19, LS10, LHO17, LGL+17, LYC18, LWZ+19a, LW19, LHZ+20, LLQ21, LXF19, LDS+18, LYY19, LIW+19d, LZZ19, LZ20b, LDW+21, LRBW17, LW+13, MK17, MVL+18a, MGL+18, MLGGB+17, MMC+18, MDM+19, MGN+16, MPLM18, NCCS99, NWT19, NJ18, NLSY20, NLS19, NMR21, OFD17, PC18a, PSVL02, PAS+20, PTD+18, PH99, PLGMCdF18, PPM+18, PC18b, PVHT19, PM00, QZM+18, QCZH19, RGN+18, RMSPP17, RJS+19, RAC18, RHPV17, RGM+19, RWG21, RMDB18, SAG17, SYJ+19a, SHS+19, SST18, SGP+20b, SAH19, SWY+18, STS+20, SBF+21, She00, SHL+19a, SM20, SDDG17, SYW17, SDDK20, SCZ+14, SLH+19, SZGB04, SCG+18, TLSC17, TLL+19, TDL+21, TG20, TSS+19, TDC+20, URKM19, VMV20].
Internet-based [WWX+17, WZW+19a, WYJ+19, WCHA20, WZ18, WWZ18, WLZ+19, WDW+19, XWW19, XGS+20, XQX+19, XY20, YNN+20, YLW15, YAO2, YWZ+18, YCT15, YWLL19, YHA+19, YN18, YAP16, YAZ+20, Yu21, ZPPE17, Zha20, ZWH+20, ZAG20, ZWH21a, ZWX+20, Zun20, ZYA+18, dFBP+17, uRYS+19].
Internet-of-Medical-Things [WCHA20].
Internet-of-Things [ARHT20, FRM+18, GCK18, LKJ+19, LW19, RGN+18, SM20, TG20].
Interoperability [FKBG010, AFS16, ACWJ19, BA17, BNJ16, BGNI19, CXDM18, DCG+17, EHT10, GTCGZ+18, HA18, KKS08, MRS+18a, NAD+18, PMMG+20, SEM11, SGM11, TKK+14].
Interoperable [KH19, CMD+14, DMN11, HESM99, KK10a, KKK14, LLY+20, NWT19, PSVL+20, SCY+18].
deroperating [WH+20].
ipulation [DS04a, VFOV20].
terpretability [BDA19, MXL+20].
Interpretation [CDRS20, Hal88, NSHP88].
Interpulse [OMPSPL20].
intersection [LY+20b, NWW17].
nterstellar [DRS04].
interval [CPK05, Dal06, FZT+18, LG20].
terval-based [LG20].
ntervals
Investigations [AMM16, DC18b].

Investment [YAA18, Sun20].

Investments [HA18]. Invited [ECFP17a, RW13]. Invocation [MBB10, BCF602]. invocations [BVFGSF20]. involved [GDRS04].

invoking [SPM86]. IO [MYW+19].

IoFClime [MLGGB+17]. IOFollow [MYW+19].

IoMT

[HHJ+19, KJ+19, KSA+20, LQF19, RYH+19, SJSA19, TSAEE18]. IoMT-based [KSA+20, LQF19].

ion [SBS08]. ionic [SWW+13].

IoNT [AT20]. IoP [AM21].

iOS [DC17, DC18b].

IoT

[ABMM18, ARHT20, AT18a, AHYF19, ASAA18, BZ19, ETH20, GBMP13, KK19, PPMM+18, RMDB18, SME+21, ZYA+18, LJL+21, MBF+20, Zhu18, AZH18, AHS+18, AUSA19, AMSPL19, AMKC19, AK20, AJ19, AH20, AT19a, ATAM, AHU+19, AMR+19, ASA+20, AKB+18a, AKJ+20, AGA18, AL20, AMBC19, APR+19, BSF+20, BTF+21, BDL+19, BK8+18, BBTC20, BKKD20, BGNI19, Bu18, BW19, BCSS20, CF+19, CVdRA+20, CCC+21, CA21, CBC+19, CES+19, CGM+19, CL20b, CDP20c, DRC+19, DSB19, DATA20, DAT21, DCZ20, DHA+20, DSD20, DSA18, DLL20, EBCP18, FSY+19, FGX+19, FBL+20, FFC+18, FJA+18, FMN+17, FFM+20, GKB+20, GRN20, GAI+18, GZL+18, GLIP20, HC17, HLL18, BBH21, HHK18, HRC19, HSBE19, HMT+20, HST+18, HGK20, HLT+18, IIA18, IYSH20, JP18, JSC+15, KS19, KH19, KS18b, KPS18, hKRM17, KPJ19, KLF19, KO18, KBTM21, KMST19].

Issues [BvdBM+93, Dek86, GTSAR+14, KSS+20, KHH21, LLWZ18, LKA+19, LWHS07, UKK+19, CMT01, CCH21, FD02, GBT87, HRC19, HHZ19, KHL+18, LNB14, MKS+19, SWY+18, SYK+17, TCG07, Var00, YNN+20, YKÖ17, ZFF18, ZL12, SM96]. Italian [FIABC+20]. Italy [MBD+20]. Item [Ano97d, Ano97e, LCL+16]. item-based [LCL+16]. ITEMa [CGM+19]. Items [BB17, CEP19b, CCP+18, ÇÖ13]. itemsets [CLM14b, Den20, LHW+18, YK17].

Iterated [ML17, SOD18, WH19]. Iteration [BW97, DGR+15]. Iterative [EMHE21, KKH01, RN04, BHN05, BGC+03, CCL11, CMW+20, Čie04, FM10b, GZWQ13, HV03, SGB+20, dSL08].

Italian [CW13a, JK17, MK19b, ZGB+17]. Iterative [BB17, CEP19b, CCP+18, ÇÖ13]. itemsets [CLM14b, Den20, LHW+18, YK17].

January [Ano21k, Hul89, Ano20n, Rho89]. Janus [GRG20]. Japan [Ano87m, Fuk85, Kag89, KA88, Miz89a, Nag86a, Sas85, Wil84, Yat88]. Japanese [Ano84h, FS93, Kas85, Lin84, Van87b]. Java [ADT03, AC01, AG05, BBBD01, BP01, Ber00, BPLFRL20, BKL01, BFW+03, CDMR19, ESPP01, FW02, GW01, LTOT07, LP01, Laut01, LJ07, LRW01, MI01, MJ00, ORPPG20, PLL+18, SM01a, SEH09, SH99, SM01b, SEP19, YdOLS+05, ZMN99].

Java-based [YdOLS+05, ZMN99]. Java/CORBA [LRW01]. JavaBean [FCW01]. JavaBean-based [FCW01].

Java/CORBA [LRW01]. JavaBean [FCW01]. JavaBean-based [FCW01].
JavaBeans [PSS01]. JavaSymphony [JF05]. Javelin [NCCS99]. JCASim [FW02]. JetStream [TCN+16]. JGRIM [MZC08, MZC10]. JIMI [GDEBC20]. Job [BCMCM18, CCL07, CCD+19, CRNT17, Fer96, KSC+19, LYS+20, LBB+09, AAB+10, BZMY10, BCC+17, BCB+07, CCL09, FKY18, GRH05, GR96, GD10, GPS13, HXJ90, KHG13, KP19, KMCJ20, LZ10, LLC11, LYQ06, LGL+17, LEXH20, MLBS11, OE13, QPTGG+12, RNJK09, SWG+16, SDD+09, TZZB13, TZST14, TLY06, WWC14, WMLS14, WS10, WXZL11, WF21, XY15].

Job- [Fer96]. Job-resource [CCD+10].


JSBricks [BBBD01]. JSIM [MSX00]. July [Ano19o, Ano20b]. jump [TLXX21].

junction [Kaw92]. junctions [BN21]. June [Ano21g, Ano19p, Ano20o]. JUNET [MM88]. JVM [MLV21]. JXTA [AMHJ10, HD05, SZC05]. JXTA-based [SZC05].

K-LZF [JJH19]. K-Tree [WTG+19].

K/MAPE [JRW+20]. Kalman [TM05, WLL+19a]. Karamjit [Ano87c].


Key [ABB19b, BBvdB+11, DCL00, GLB+18, PDL18, VCDK18, WSM+16, ZHR+16, ZDR07, AQTR+18, APK+18, BGCL20, CDG+20, CRRC18, FHW18, FNA12, GCM21, GAYTC18, GMDPLC17, GZL+18, HAAH+18, I0V+18, JSMG18, KLW+16, LCP04, LBRYL08, LLH+17, LYM+18, LM07, LHC03, LYT+05, LZYC13, MLC+18a, NXX09, OKT+17, OSAN19, PSLZ18, PM00, SK20b, Wan19, WDKV19, WZ18, WHZ19, XCB+20, XZ4b, XYML19, YZL+18, ZXW+18, ZXWA18].

Key-aggregate [GBL+18, Wan19].

key-agreement [APK+18]. key-delegation [JSMG18]. key-value [GAYTC18, WHZ19].

keyboard [Ale97]. keyless [ZXW+18].

keynote [CRL18].

Keys [EHSM00, LH13b, LLL+18]. Keystroke [MR00, FZW+18, MCRB19, MR19, TA21].

keyword [CZZ+18, DLLZ17, HZL+19, HDD20, JHV+20, JGL+20, LKX+14, LWZ+19, SA07, TDBR18, WHMO13, WXLY16, XTZ+19, YD18, YQZ+19, ZS14].


kleptographically [WLGL19]. kleptographically-secure [WLGL19].

large-dimension [ZAB15]. large-eddy [NEJP94]. Large-Scale [CHK98, EGVT18, BHL+20, FQBCF15, GSV+10, HMK+06, LKM14, LXH+21, PB17, TLEC+20, WVC05, BAPS14, BD06, BCD08, BCD14, ZFY18].

bayesian [GDCGVG20]. latterly [AYL19]. Lattice [AKH+04, Bog99, SDP04, ABL04, CJS19, CM99, CH04, DS04b, DC00, FPdS04, HOC04, HJR+04, IOO04, KKH01, ZaTZ+17, ZWEC21, ZW+18, DY04, NCS04, vdS04]. lattice-based [CJS19, ZaTZ+17]. lattice-Boltzmann [FPdS04, HRJ+04, KKH01]. lattices [ECE+19].

large-scale-application [TDFZ18]. Lark [ZBCT17]. laryngeal [ZBCT17]. large-dimension [ZAB15]. large-eddy [NEJP94]. Large-Scale [CHK98, EGVT18, BHL+20, FQBCF15, GSV+10, HMK+06, LKM14, LXH+21, PB17, TLEC+20, WVC05, BAPS14, BD06, BCD08, BCD14, ZFY18].

bayesian [GDCGVG20]. latterly [AYL19]. Lattice [AKH+04, Bog99, SDP04, ABL04, CJS19, CM99, CH04, DS04b, DC00, FPdS04, HOC04, HJR+04, IOO04, KKH01, ZaTZ+17, ZWEC21, ZW+18, DY04, NCS04, vdS04]. lattice-based [CJS19, ZaTZ+17]. lattice-Boltzmann [FPdS04, HRJ+04, KKH01]. lattices [ECE+19].
Pud01, RT16, SPRA21, SZS+21, UUK+21, WLLY20, ZTC+19, ZZN04, ZWMC19, AD18, AAN+18, ABIDH19, AMM+20, AYHA20, ASAXAM+19, Ami90, AV00, ASY+18, AMBC19, BRL19, BDA19, BNN+20, BTP19, BLV06, BW19, BMP+16, CMEA+19, CCP+20, CdD20, CFMC19, CMT16, CKL20, CIN+15, CM19, CLL+14, CAL+18, CLZ+20, CWL20, CYH20, CKFT20, CRWZ19, DCGM20, DRC+19, DFG+19, DA16, DGR+19, DFZ+20, DC18a, DGCCH+17, ECPF17a, FSV+19, FFGP+19, GS20, GLC19, GHGP19, GPJA+14, GRN20, GHP+18, GMH20, GDP20, GCCMK+20, GBE00, GLD+19b, HAK+21, HSV+17, HUMA18, HPGMM18, HX19, HXL+18, HQLH20, HHS+18, JTGH21, JSZ+19, JOSD19, KMK+19, KI19, KAP19, KMI11, KMS20, KKS18b, LHJC18, LSN+20, LLH+17, Learning [LLY+18, LYYG20a, LSLS20, LSH+20, LYYG20b, LZK21, LJW+19a, LXT+19, LYWW19, LBY+20, LGL+20a, LYS+20, LLZ20, LJW+20, LYH+21, LAT+20, LSGA20, LGL+20b, LJW+19b, LZW19, LCW21, MLS20, MXL+20, MK20, MFE+20, MB21, MOW+20, MMP+21, MKC+21, MFSV19, NS184, NK18, NGB18, NKB+20, NAAC19, NAM+19, NLV+19, OOB+21, OHAV20, PZC19, PBL+18, PCCX21, PWDD18, QHNL21, QCY+19, QCZ19, RG18, RYL20, RSY+18, RHH+19, RGM+19, RSB20, SG20, SKB20, SYG+20, SD18, SAT20, STS+20, SI18, SBF+21, SRP19, SYT+19, SH00, SNC18, dSSCdl19, SZD+17, SR19, SDV+21, SGL+19b, SZO+20, TCL+20, TNY17, TYW18, TGB+20, UPD+20, VGBLSG+06, Ven08, Ven09, VRGR16, WZF+19, Wan20, WCHA20, WLY+20, WLL20, WML+21, dOWdAS+18, WLB11, WFA20, WXZL11, XZZ+14, XHW19, XKB18, XLL+18a, XLL+14, XY20, YYW+19, YJH+20, YCG+20, YWLL19, ZGV19, ZX+19, ZZ19, ZHD+20, ZSQ+19, ZYC+19, ZKGB20, ZSL+19b, Learning [ZCWC20, ZCS20, dIFVPSHL+14, Ano86h, ZBF14], Learning-based [GPRM21, ZWMC19, HHS+18, MLS20, MK20, NAAC19, OOB+21, WFA20, XY20], Lease [LLKF09], Lease-based [LLKF09], least [CFL+20, vdV89a], leave [KMI18], LEChain [LLCH21], lecture [Ray05], ledgers [MCF20, SK20a], left [DNW+19, YCG+20], legacy [BBW08, BKL01, DW11, KT08, LRW01, MLD08], legal [CCIP18, LHD+20, Ser95], legal-rule [CCIP18], Legion [NHG03, CCKG99, NHG02], LEGIoT [MPLM18], Legislation [Ano84i], legitimate [FAAS20], Lenat [Zem86], length [CP06, LZL+12], lens [CTU19], lesion [WLZ+20], Less [LRML21, GSARS20, ZWZ+21], Less-is-Better [LRML21], Lessons [CLLCK20, HS98], Let [MOBD18, BKY18], Letter [Ano87k], Level [HSS92, LYW+16, PRF20, AD18, AFS16, AJY12, ATT96, AMR18, AFS16, BCC06, BMFC07, BSOK12, CFD+20, CXC+18, Cui10a, CDD+10, CHY+18, EMHE18, FG14, FWH8a, GJF+12, GLXF17, JLI+13, KKS08, Kea99, KSC20, KKK+19, KMK09, KMK+14, KSM+07a, KSM+07b, LA19, LKA+08, LJW08, Lop06, LBB+19, LSG+19, MZP+19, MKL21, MTD18, MVR16, MLS21, NLO+20, NAAC19, ORPPG20, PLLA18, PKC04, PRS12, QTGPG+12, RZ16, RPMG10, RS17b, RMHCM15, Rus90b, SRZD15, SVN+10a, SEM11, SK18, SGL+20a, SSL13, TSBB11, WLY11, WWC14, WZWC18, WBF08, WDR+19, XHW20, YKL+07, YDT19, ZYL+20, ZLZ13, ZCK+15, ZZH+16, ZDZ21, ZDR07], Levels [CEJK94, FB93, Kim18, LY10, LWT18, MKT09, MRD+20, SPBT07, TT+13,
UDST19]. Leveraging [CFM19, CFMC19, HWS07, LLF+18a, CTT07, DW11, DLZ+14, HXL+18, LZ21, LSL+20, Liu21, ZHGX20].

Levy [N804], lexical [HK88, dAMVULM20], lexical-functional [HK88], LGF [BBW99], LGIEM [MLC+20]. LHC [RWV+13]. Libraries [LGH97, DSS19, HESM99, STH+98].

library [AFS16, ACE02, BFK02, FB97, FBBW99, GD93b, GLM+08, JLR18, LC04, PCM99, vdV89a, BMFC07, Ber06, TS08]. licensed [SLH+19], licenses [CMZ+12]. Lie [BC03, CMO03, MPQ03, MKK03]. Life [ABM+07, CK20, AFO+18, ADdMM20, CBBC+17, CRWZ19, DZH+00, GCBM17, GPS+17, JAS+20, JOPW14, Koma89a, LWHC07, LWZ+19a, ML19, PSVL+20, RCW+19, SFR15, SCJ+19a, WOPW13, ML19]. life-cycle [ADdMM20, DZH+00].

life-long [ML19]. life-threatening [AFO+18]. lifecycle [HCB+20, KAS+18, LYW+16, SPS18].

lifestyle [PRPPFRL20]. Lifetime [CXZ+19, PLZX19, KCM19]. Lifetime-aware [CXZ+19, PLZX19]. Light [DS04a, AKB+18a, Eng14, LLZ+18b, LLU+18, PCK19, SJR13, SHB89, YSL19, ZWX+19]. light-based [SJR13].

light-weight [Eng14]. lighten [ZDM+19].

lightning [RKG20]. lightpath [GXZ+09, JHL+06, KMCH03, SLJ+06].

lightpaths [CGD10, GMM+09, GFR+06].

Lightweight [AMSPL19, DAT21, FGB21a, FGB21b, GAI+18, GJC+20, HKT+19, MRR+20, MPLM18, SYYuR21, ZLY+19, AMN+18, AMK+19, BLL+19, BTF+21, BK06, CMS+18, CRRC18, DL19, EGK+07, FFAW20, HZL+19, HZL10, LOLS+20, LGL+20b, MCN+18, MHY+18, MLBS11, OSANAM19, RMA+20, dRRRR+18, SZP00, SCS+18, WSL+18, WLS+18, XWW+20, YCT15, ZZZ+19, ZZY+19, ZWH+20, ZSW+18a]. like

[CMT01, DDL01, KCY+21, Ole07, Prz03]. likelihood [FAAS20]. limb

[KPG19, LSH+20, JYB+21]. Limitations [YNN+20, ABDLL05, DGY+18, KC98, NSL+17b, Par87]. limited [JLCC12, XZD+21, YDQC19, ZLZ+20a].

limits [LN13]. Lindstrom [vDR87b]. line [BMR15, BW95, CCZ+19, CDP19, EV98, LVH08, LLW+19c, TAJ8, Ueh89]. linear

[ADAAD12, BJNH05, BCDV+19, BDNP13, BFRO5, BRN04, BCG05, CZT+15, CLY14, DHD89, DSW+20, FPD04, GKS05, GTA+17, HPP94, JLR18, JQ18, Lop03, LQ40, Pan95a, PHL98, PH94, SGFS01, SG04, TGM11, WWX+17, YPC12, ZZC18, vdV89a]. linear-time [LD04]. linearization

[Röb05]. lines [CDF+20, ModO+17].

lingual [CGZL19], linguistic [CPE+17, ECPF17b]. linguistics [GDDCPVG21].

Link [CC00, GCCPGBS10, HQ10, KP18, LTC12, Sun10, TD21, WFP+10, Zhi10, AK18a, BCF16, CGM+18, DFSZ88, GGC17, GX1+18, HYL+20, LZ20a, MDB+18b, MAQ+20, NLLC19, RRU+18, SMG18, SRP19, SGS+18, XWL+15, XHL+19, XCW20, XZ20, YCZ18, ZGL19, ZS10].

Link-time [CC00]. link-weighted [XCW20]. linkable [ZLL+19]. linkage [TTTC+14]. Linked [CDH+19, DPK06, DMM11, Ans11, BBD+13, CPSRG14, DML20, Lio10, CAS+16, PVHT19].

Linking [TD21, ABC00, GMT19]. links [ABdL+03, ACD+19, CWJD19, KCM19, UCO20, WLR18]. Linux


Lisp-Based [YTHY84]. list [BB13, DNP14, YL18a, Par04, YK17, YNLY19]. list-based [DNP14]. literature

[ABP18, AMS19, JCO8, MND+19, MKK+20, MCWP16, SDWS13]. Live

[ASASA+20, DK17, FS19, JDW+14, AS14].
live-broadcasting [LRZ+18].

live-streaming [MCAS]19. liveness [GAFFOG12]. liver
[wZcZN+19, wZcZN+20]. living [FKT14, LJJ+21, SJA19, TMB+19, VKT+19]. Load
[BHL+21, BLO2, CY01, OSHH96, dRSS97, AA18, AS18a, BCMR01, BM08, BBMG10, CT19a, CHG+20, CWD04, CSJN05, CRC13, Cho04, DLW86, GBY16, LLJ+21, MLC19, NR19, RK19, SB97, SDTA19, ZKGB20, SCH+17].

load-aware [KIC12, ZGL+18]. load-balance [DXL+18]. load-balanced [SDTA19]. Load-balancing [CY01, AAI18, LZXW13, PGSM05, SJTN18, ZMS+06].

loading [HSC15]. loads [NJK18]. loan [WGC19]. Loc [WGC19]. Local
[Han03, LBB+19, PSS+18, REM04, ABMESM18, AEG+01, BC+19, BR20, BPC+01, FMRS18, GJ18, Hua10, HLL12, KSSR20, KM+14, LZL+19, MLC+20, MGS21, PLBOC20, Par20, PM14, RCMT18, SSW+13, SZL+21, WCM+19, WDHY20, WH19, XZW+19, XW21, YLG21, YPX+20].

localisation [SDKM20]. Locality
[HSC15, SDTA19, XZL+18, BCMR01, BLMT20, GDGK20, HNK018, HBCR01, JLD+19, KW20, Leo98, Leo01, NNRA19, QZD+18, SCSS11, TSK03, USK16, WWc14, WWQ+18]. Locality-aware
[SDTA19, SCSS11, WWQ+18]. locality-sensitive [QZD+18]. Localization
[MWL18a, DdSdN+19, GAI+18, HHH+19, HXY13, dTGC20, PGHS20, SYJ+19b, SJL+17, WWSL19]. localized [WKZ+03].

Locally [PFMC04, BRL19]. Location
[AHEM17, AYY+20, CT19c, DA18, LLW19a, LNL19, DGY+18, FWB13b, GCCL18, GBKJ18, HZW+18, HHW+19, HMC19, HMLS20, LHL20, MQL+19, MK04, MVCC10, NWD+18, NZL+15, OMSL20, PK04, PLW+19, SLL+17, TDL+21, WZE19, WHZ+20, XCS+18, XCZ+19, YXA+18, YZL+19, ZCLW18, ZLT+19, ZWS+12, ZKGB20, SCH+17].

location-abstract [PK04]. Location-based
[CT19c, DA18, LNL19, HMC19, HMLS20, MQL+19, NZL+15, OMSL20, PLW+19, XCZ+19, ZCLW18, ZLT+19].

location-label [SLL+17]. location-sharing
[XCS+18]. locations
[Alp18, dIFVPSHL+14]. LOCCS [DT94].

LoDs [PFMC04]. LOGAR [BBB+11]. Log
[LWR+19, JD94]. Log-based [LWR+19].

Logging [RT06, AMH04, EH10, LBB+19, LM12, PY00]. Logic [De 88, KB16, Ano84k, Ano85g, BS96, BDNN02, CTR91, CY90, DCK03, DT93, DLW86, GBY16, LLJ+11, LwW14, MYH18, MLGG+17, OMD+18, Qu04, RBC+88, SYJ+19b, SGdMM96, SZZ18, TWW+18, Yos89, ZT90, ZT91, Zha93, ZS90, dB90, vdr87h]. Logic-based
[KB16]. Logical
[BB84, BB55, WMN+01, Vau93].

logical-time-based [Vau93]. logically
[MRV01]. Logictime [PK00]. Logistic
[RRKA19, WHF+20]. logistical
[BBG+05, Zhu18]. logistics
[ATH+19, SPLIC04, YLL+19, ZL04a]. logs
[CDFP20a, PK19, WLZ+19]. London
[vdR87b]. Long
[BMZ+21, OS06, RSK16, XCL+20, CHW+20, DQXW19, DLS+12, HKU+11, HKG+16, JLS19, KTV03, MZLT21, ML19, MGH+05, PM14, SHZMA21, WWD+14]. long-distance [HKU+11]. Long-haul
LoRaMoto [YJB]


Many-core [HYZS16, CIB+20, EDH+13, JLY+18, KYPJ20, LC14, MAC14, MCA+18, MGMT18, XLX+21, YLJ+17, YDT19, ZAB15, ZLG+14]. many-objective [GW20].

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

Map [HTL+18, JPB17, Li18]. Map

MApReduce [LLP18, JPB17, Li18]. Mapping

MANET [Ad14]. MANETs
TM20, VETT16, WTR+13, XX14, XT18, YWF+10, ZCK+15, ZFS+18, ZW18].

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

March [Ano21h, BFS+17a, Ano20t]. margin [CZ12]. MARIANE [FDGR14].

Marital [MNC+18]. Market [JBR+16, Wiis4, BMSE20, JSS+12, JRF+07, Lin18, MMM+20, RT16, RA12, SSJ19, SCMS12, SVB07, TBO20, Wiis6, WBR19, Yam89].

Market-based [SCMS12]. marketplace [JBR+16, MGV+14, VMSRM12].

marketplaces [ABH18]. markets [BAB13, MG16, PRS12, VPT+10]. Markov
[BDHK06, BCB+07, CKL20, CLL18b, LVW14, LW18b, PCG+20, WQG15].

MARN [SJQ20]. marrow [BPP+07]. MARS [GR96, KSC20]. marshaling
[PVBH05]. Mashup [PC18a]. mashups
[dVXB+11]. MASI [GHJ+19]. mask
[Pan20, LHY+21]. masking [BMU18]. mass
[KVK+18, SYT+19]. mass-gatherings
[KVK+18]. masses [BR18, BMU18].

Massive [Hu21, LXY21, SG95, BORM07, DGD+16, FGM11, KKK07, LXL+17, LLP+20a, NS17a, SGB+18, WMLS14, WRBG93, YVS+19, ZRRZ19].

Massive-scale [Hu21, LXY21]. Massively
[DDO+92, KLO2, Cas94, CS96, Gil94, JBA94, KZLK06, NOF18, PDK10, PN09, YdOLS+05]. Master
[LC14, Bun03, DEJ20, HCL07, PCC18].

Master-worker [LC14]. Mastering
[BBD+21]. metacomputing [HJS+99].

Matching [ASAM20, DDR96, LZF+18, TOS18, AHYF19, CZZG20, FLT17, GWW+19, GHW+20, KNK+08, LLC+16, LLA17, LGT+20, MWQ+14, MM03, NWMG17, PRN14, QGX18, TJ18, WHC18, XW]ZyF19, YZL+18, YZWG18, YSZW18].

Matchmaking [DT16, CCD+10, LCBF13, LDS+18, LZJL19, YAO14]. MatchTree
[LCBF13]. materials
[Gil94, HCL16, MZD+16, SYT09, SCK+00, WRBG94, WAD+89, ZMS+06].

material [APR+19, LLFQ21]. Mathematica [UB07].

mathematical [KSAOK08, TJG+20]. mathematics
[AMB03]. MATLAB
[BKG05, EPJ+09]. MATLAB-based
[BKG05]. matrices
[Ano06, BH03, WHCZ18, dSL98]. Matrix
[XZ14b, BST+08, CFL+20, CDS03, Dat03, GGMS18, HBCR01, Jun18, Kat04, KR14, LC04, LXM+18, LGZY18, LLY+20, SJL+17, TJG+20, VS19, WYL+18, ZWL+16, ZCH+17, ZCZ18].

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

matting [WLY12]. MAX [Sk20, SH00].

maxillo [SGL99]. maxillo-facial [SGL99].

maximal [HPY20, LHW+18, SLD+18].

maximization [HMC19, KCM19, MG14, NBB18, TL19, WDD18, WSXL21].

maximize [YDQC19]. Maximizing
[MFL18, SMS14b, WJLW18, SHST20, XWD20]. maximum [CZ12]. MaxMin
[ST20b]. MaxMin-scalable [ST20b]. May
[Ano21i, Ano19r, Ano20v]. MC1 [LPS19].

MCA [SAH19]. MCA-V2I [SAH19]. MCC
[vdR87l]. McCord [vdR87g]. MCDM
[HFL+19, SMZ+16]. MCMC [LvW14].

MCS [FY19]. MCS-Chain [FY19]. MDP
[MRS18b]. MDP-IoT [MRS18b].

mdtmFTP [ZWD18]. me [HJW+20].

meanger [DV13]. meal [MOFP18]. mean
[CGIP14, HKP10, SZ98]. mean-field [SZ98].

means [AMHJ10, Avg00, Bu18, DS04b, DNW+19, LSZ+16, LZY+19b, PW09, PT16].

measure [RAK18, Szu01, ZXY+19].

measurement [BDZ13, CPT+15, DMM+99, GSY+17, LRS19, LRC+18, PSP+09, VCC+03, WRL18, XLL+19c].

measurement-based [VCC+03].

Measurements [CSC18]. measures
[DLDTGMP16, GYJ18, LG18].

Measuring
[HRVV18, KdGP+19, PARMF14, VLAC+13, YLGZ21, dSCD+19, vKLa+19].

MEC [LQYLA12, SISGS18]. mechanics [Ald89]. Mechanism

[ABB19b, WDW+19, AR15, ASA+20, ABF+15b, AZO+19, BBTC20, CSJ+17, CCW+20b, CWL+19, Cho04, CB10, CC09, CWLZ19, DG21, DWJM18, Dho20, DLS+12, EK11, ECPF17b, FNRP20, FZC20, GFZ21, GA13, GZW18, HIMM20, HY09, HLW12, HAP15, HILW13, JFDF09, KKN18, KTM+08, LPC04, LZCX19, LIY12, LXML15, LHX+18, LQLX10, LLGY18, LLW+19d, MHL20, MVL18b, MV09, PWDD18, QWR+20, RYH+19, RMA21, RLQ+21, SYJ+19b, SMG18, SJT1N8, SSL+19, SOM+19, TG1+19a, TLKX21, TMP15, TAKV12, WZE19, WZB+20, WWZ+20, XGZ19, XDH12L, YILJ18, YZC+20, YXA+16, ZA13, ZXZL18, ZTC20, ZYX+20, ZZ09, ZCDV19, ZLS+20, ZA14].

mechanisms

[AL20, BDZ13, CST92, CLAL19, CY88, CCT14, DC18b, GHYK18, GDRS04, KRZ+19, KKW+14, LKS+21, NMRK21, PLGMDf18, PMFH11, Sar02, SGN+17, SSB13, TMMVL12, WRCC17, YNX+14].

Mechatronics [CJN+15]. MECOM

[JDW+14]. Media

[MLC+11, MPI+18, YYV+20, ALS21, BTP19, CaVLC21b, DFG+21, DVID2, GHO+11, GTM19, KMN+05, LLG+16, LVCN21, MCG+15, NO19, dAVMUL20, RAA+20, RS99, VCM+20, WSN18, WDL16, WLA18b, YXZG18b, Yu21, ZG18].

Media-based [MPI+18]. MediaGRID

[VWD+08]. median [KPS18]. mediated [ZGS+13]. mediation [QG20, RVST17].

mediator [ABTF16, WB05]. mediators [BGN19]. Medical [BDM+19, CT19a, CMI+19, EV98, GLD+19b, sGKB19, JYZ+19, KE85, MZYA19, OM10, XY20, YNN+20, AIA+18a, AIB+18, AM19a, BCT+07, BBB+20, CD99, CCM98, DSM+19, EdBG+99, KKV+99, KVHT10, LYFZ20, LYYW19, LGYCC20, LZW12, LBHC16, LLSR02, MJ98, MJ06, Mar99a, MLW20, MLZ+00, Pan20, PMBS14, PSW+19, QQZH21, SMC99, SB17b, SPS18, SZG+19, SJS+21, TAM21, THHT14, VSKS19, VFHB14, WCHA20, WLS+18, WPS+18, XYZ05, XPL19, XL+20b, YCY10, YSC+15, YLN15, YWLL19, YJF+20, YZS+21, ZCH+17, ZXW+20, ZDZ21, AMKC19].

medicine

[AV00, BJ+17, CCBR98, FCC+18, LWK+18, LBY+20, MSR98, Wei94].

MediGRID [KKB+09, SLS+09]. medium [BAKB19, DRS04, GHMX10, SKX+20].


[CCT13, MGR11, PYH+18, TG04]. Meiko

[CW93, GL95, LF95b, RBS93]. MeikoUS

[GD93a]. Mellish [vDR87a]. mellitus

[OOB+21]. meltdown [AGY20].

MeltdownDetector [AGYS20]. member

[SCZ+19]. membership [GNVST14, PF17].

MemEFS [UDvD18]. memories

[De88, HBCR01]. Memory

[BPS06, BM92, CSP98, DLZ16, GSD95, HKT+19, KGX95, LDZW20, MWQ+19, PBMB93, XCL+20, Ami90, ABL04, BFLL89, BYL+18, BK97, BBSV92, Ber98, BEWZ10, CPSD18, CR92, CHW+20, CS93, DKK+13, DKJ19, EGDT20, FC05, FJL+16, GQLX18, GXW+19, GVI13, HH98, HFP94, HIXL13, HZDS19, HMMW19, HG92, JAZ0, JLS19, JDW+14, KPI12, KN06, KSM+07a, KSM+07b, LAL+14, LLWW18, LHFQ19, LWSOC7, LUY+18b, LRML21, LBU+10, LL20, MAC14, MSZ+20, MZLT21, Mar90, MCD16, NP03, PY00, Par04, PH94, RKB18, RCD03, SEP01, SF06, TWI20, TC06, USK16, UDVdW+18, WYJ99, WWC+97, WHZL10, WZS+18, XHH20, YZC+20, YK20a, YYKK20, SG05].

Memory-aware [LDZW20, TWI20].
millet [DJJ+18]. million [Eng14]. MIMD
[CS93, DFSZ88, Hey90, Kal94, KM01, Pri95,
VSV95]. MIMD-multicomputers [KM01].
MIMD-supercomputers [FS88].
Mimic [LZZ10], mimicked [AR20], MIMO
[WC18, YYS+19]. MIN [SH00, Ski20].
Mind [HJW+20, Zad87]. Miner [ZSQ+19],
miners [FZC+20]. MiniEX [DH02]. Mini
[Kaa98, TF18]. mini-batch [TF18].
Mini-conference [Kaa98]. minigrid
[YBQ07]. minimal [TVV13]. minimising
[DHS99]. minimization
[APAZ17, HLL+17, JZWL17, LGL+17,
MFN19, TWG+19, WYD20, ZF16],
iminimize [AALEF20, RNJK09].
Minimizing [Hu20, JJL17, ZAC+18,
ZZS+19, DLXR14, CRG96, LSLC19].
minimum [Dzw97, LY17]. Mining
[CEP19b, CLM14b, Den20, DSH+99, FG111,
FZH14, IHA18, JLI4, LGW07, LLP+20a,
MNC+18, MSKT07, MRL14, PRPPR120,
SA97, XLZ+14, YXZG18b, YK17, YMY21,
ZDW+18, AJJ+21, AMK18, AW97, CCT02,
CGM+07, CPA14, CTT07, CS97, DGD+16,
FS97, FJT01, FM01, FdSC07, GZF+20a,
GZH+06, HS19, HPS97, HXC+18, HNV+20,
IB20, JRF+07, KHHV21, KYY+20, KOP+17,
LY17, LY18a, IC15, LWHS07, LLHS07,
MSC+20, NSP07, OTR+07, RAK18,
RK20, SGKC10, SCL20, Sin07, SD07,
SSK+08, SSSL+10, TOM+20, THA+17,
TNY17, TIHT14, WTG+14, WFL+20,
WWZ18, XCF+20, YLY15, YLG+16, YL16,
YNL19, YNK+20, ZGD+03, ZZC14].
minor [AOSA20a]. MiO[T [BLM19].
MIOV [LYF20a]. MiP [MMV08].
MiPeG [CD08]. Miro [GdOA20].
Miscellaneous [Aon97d, Aon97e]. miscible
[FPD04]. mismatch [MCG+15]. misogyny
[GDCGCPV21]. MISOSE [YL20b].
Missing [AP+19, EBOY14, SCL20,
TLM21, TSAER18]. Mission [MAB+20,
BPA92, Lau92, MC04, RRU+18, TMV+07],
mission-critical [MC04, RRU+18]. Misty
[AMQS+19]. misunderstood [CSL19].
mismitigate [SMF+19]. Mitigating
[ACG+20a, LBY+18, OWX19, ASB18,
QHW+20, TA18, WSQ+18]. Mitigation
[BeKTK+20, FZ20, DG21, GMP20b, HA19,
Kho21a, KB20, RWJ+20, TTT20].
mittings [KdGP+19]. MitM [QHW+20].
mix [LMM19, QC18, AGP+92]. Mixed
[GGY+17, SFSSR19, ZK16, CZ+19,
FHF20, WH16]. mixed-criticality
[CZ+19]. mixed-parallel [WHW16].
mixing [ZMH+18]. Mixture
[BBM10, MSG+20]. MJS [BCB+07].
ML [GL05, GGLD10]. MMSparse
[TMJ+20]. mmWave [NLLC19].
MobiGyges [FLG+20]. MOBILE
[KKA18, AR17, AT18b, AABP21, BDE17,
BRB19b, CFL+15, CT19c, FG18,
FNM+17, FLR13, KIAD17, KRZ+19,
KIMR15, qLH20, MAD+16, NKB19, QKC19,
RLM18, SVK19, TMW+17, VFHB14,
WZM+18, WZWW18, XLLL20, YHL16,
ZSL+19a, ZKG20, AHS+18, ANG+19,
AMH02, AMH04, ADLW12, AHI+19,
AAS+20, AB18a, AB19c, AB20, ADH+16,
AMGCC18, AMPZ16, AMRM18, ALL+18,
BJ12, BDPI1a, BOP+14, BN17, BCP18,
CHG+20, CWD04, CGBAP18, CWWJ6,
CZM+18, CZZ+18, CLY+20, CWL20,
CMVA18, DSD+11, DATAA20, DCC20,
DDSDN+19, DYC+18, EAA16, EZTL19,
ESPO1, FHZW18, FY19, FLG+20, FX07,
GD10, GSP+17, GR07, GW03, GM818,
GSM+17, GGC18, GVST14, HHHK18,
HZN18, HLY+20, HX+18, HLT+19,
HJK+04, JLQ+17, JXC+19, JKL17,
JOSD19, KKKM13, KB18, KG18, LI18a,
LLL+19, LM07, LH13b, LCMR12, LXXW15,
LWH+18, LLJ+11, LCMX16, LPL+16,
LWL+18, LWT18, LLGY18, LZLL18b].
mobile [Lok12, LFY+19, ZLSZJX20,
LHY+20b, LGL+20b, LL2W17, LWZ+19b,
LG+20, MSY20, MCA19, MWL+20,
MK18, OMK+17, OF07, PZA18, PW03,
PKC04, PRS+13, PKY+17, QZD+18, QGT+18, RS17a, RCOP+11, SB19a, SPJ17, SLK17, SCB04, STA17a, SYK+17, SOM+19, TLC+15, TGM+19a, TLL+19, UTTO0, UJHN20, VNA1M19, VL19, VSD113, VCDK18, VGD+19, WLZ+16, WWV17, WCL+17b, WWG19a, WLP+20, WZL+20, WWT18, WLA17b, WMJW18, XZZ+14, XCS+18, XXX+19, YLWW18, YCXW18, YWY+17, YCX18, ZF16, Z919, ZLZ+20a, ZYC+19, ZDW+16, ZLL+17b, LSTV07, SJQ20, SGN+17, ZHL+18. Mobile-aware [ZSL+19a]. mobile-device [CHG+20].

mobile-edge [MLW+20]. mobile-fogging [DATAA20]. mobile-IoT [AHS+18]. Mobile-IoT-Federation-as-a-Service [FMN+17]. Mobility [GD10, LNK+18, AMH02, BRB19a, BRB+19b, EAED18, FAMA+17, GVBG17, GCK18, GSP+17, GMP+17, HZC+08, LM20, MDB+18b, MGN+16, MK04, OVK+09, PC17, PRL+19, RpIdVR20, SBB+17, WZM+18, WHBC19, YCX18].

Mobility-aware [GD10, YCX18]. mobiTopp [BBM+20]. MOBT [WLGL19]. modal [CCL19, C19, HMLS20, KSDR21, L21, XPL19]. mode [FC05, HNP05, JKLK17, LYS12, LZJ+20, MVR01, dSChD19, WMQ+16, XYL+20, YZZC19, ZZJ17, HHG05]. Model [AKJJ20, ADMG20, Ans11, BNA+21, BHH91, DWS12, EHT+10, FMM+17, GL20, LB09, LH07, LCH+18, MMK+20, MMX20, MZZ20, PSS13, RBN13, S118, TCBC18, WHCZ18, WTL+20, ZCM19, AOS10, AMAY19, AFSH+18, AQAR+18, ArM519, ABF16, AJYJ12, AL14, AB18a, ATdC+16, AMGCC18, AK14, AMKM18, AKM18, AMT+21, AAG+20, BdVdB+93, B116, BÖ20a, BMP01, Ban02b, BAK19, BLLL99, BdCYG05, BKS+18, BBdB+11, BdM11, BR19, BHH21, BHH92, BDM011, BGW19, CGIP14, CL20a, CIK10, CLK20, CPK05, CW16, CSG+18, CWW+99, CBS17, Che14, CAC+15, CCY+18, CYJ19, CSY+20, CWM+20, CLQS20, CY90, CYB90, CPLL19, CF20, CdRRdCB19, CDRS05, CS09, CBBdL16, DS08, DDMPG17, DNW+19, DZLA19, ESSS+21, EAS+18, EMJ+13, FPs04, FLR+16, FKOC11, FWB13b, GFZ21, GLC19, GS13, GY90, GZZ+18, GB99, HAJ+19, HD05, Ham17, HPZL18].

model [HHS98, HAM18, HZM14, HMMW19, HQLH20, HLZ18, HKG+16, ICBB20, IMKB89, IG12, JKS20a, JL95, JAA07, JHK20, JFLZ17, JCL+19, JSS+12, JF05, Jun16, KM19, KP00, KYZ19, KSAOK03, KSAOK08, KCK04, Kim14, KRLR01, KKP19, KLW+21, KGW95, LS07a, LR06, LHL09, LF01, LHJC18, LvSW+04, LZL+17, LZLL18a, LYG+19, LW+20, LHY+20a, LLP+20b, LZT+19, LLL+19, LC14, LWW+18, LL207, LLJ+11, LDS+18, LWSY18, LW18b, LZJ19, LB+20, Lu01, LWLH20, LZZ+20, LH20, LM14, MML18a, MYHZ18, MYT+21, MG16, MJM+16, MK17, MS19, MSR20, MTK05, MKH06, MSK21, MCM+16, MS20, MRR+20, MBA19, MLZ+00, NR+19, NV11, NRV+17, NA19, OP95, PO00, Pa01, PGCC+10, PABBA20, PMMG+20, PSS01, PKSC02, QC21, RRKA19, RDA18, RCLEB20, RZ16, RR18, RSS09, RWV+13, RGDML16, RMCMD12, RS98, SSHC19, SMU+21, SMF+19, SHP+16, SS13, SHBP10].

model [SDGC20b+20, SGL99, SL11, SZ12, SCB04, SD02, Shi92, SGM11, SR15, SS21, SCL14, SKS17, SDA21, SUD+98, Sun20, Sz98, TLS17, T128+18, TM15, TQL+19, TGM+19b, TDL05, VDPH09, VPA20, VP94, WG00, WC06b, WWC14, WL20, WGG+20, WCY+20, WY17, WHP09, WYH+17, WWA19, XWW19, ZX16, XLL20a, XWK21, YNSM12, YMY13, YZLQ14, YJH+20, YWW+20, YWLL19, YCH19, YXY18, YWW+17, YJJ+19, ZZDM+18, ZRL18, ZZF+19, ZT90, ZT91, ZLYT10,
Model-based
[AKJ20, LB09, LCH+18, BvdBM+93, DZLA19, JMKB+89, MJS+16, NSR+19, SZ12].

Model-Driven
[MAZ20, DWS+12, RBN+13, TCBC+18, ZCM+19, Ham+17]. model-free
[ICBB+20].

Model-oriented
(ICBB+20).

Modeler
[BBH+91, BHH+92].

Modelling
[AS02, AY16, BDWM+17, CC+19, DLD+14, DYC+18, FTM+20, FX+10, GL+19, GLNT+13, GS+16a, GL04b, GIPS+20, HHD+12, HBCR+01, LJ+19a, LZ+18, MZP+19, MhCEANS+20, MG+18, M+01, MP+04, Nag+16, RLL+17, UTT00, VCL+19, WRCC+17, WBJM+14, Wri+19, WBR+20, YKK+13, YF+20, ZHX+20, ZWC+20, AG+21, AKP+18, AT+18a, ABS+18, AMMC+18, ACG+20b, BRL+19, BCF+16, BGLS+17, CPGBC+16, CAC+10, CPSD+18, CAPG+18, CSL+19, CKR+04, CRWZ+19, D+05, DC+21, DJH+19, DC+00, FSM+18a, GI+18, IKM+06, HLT+19, Igl+04a, JA+09, KVR+15, KM+18, KB+16, LZ+21, LN+18, LDW+21, LDP+13, LHZ+19, LHY+19, MGT+18, MGY+06, MVAS+9, M+01, MR+19, M+16, M+18, NK+16, NO+19, PBT+02, RMRS+19, SZP+00, SRP+19, SL+15, SHL+19a, SBA+05, TZZ+18, TSS+19, VR+05, W+03, WBR+19, XFM+16, ZYT+15, ZCW+19].

Modelling
[BGC+19a, CFP+19, DPBK+16, HCB+16, KY+19, LIN+18, MHW+16, ARB+05, RMC+20, WCH+18, YGE+21, ARB+20, AEU+10, BPS+06, BN+06, CGT+07, CWW+13, CH+04, D+99, DY+04, EPB+18, FPX+09, F+95b, IJLC+03, KG+01, KMB+17, KG+17, LEE+04, L+17, LASL+16, L+07, OCW+14, SWW+13, SCN+14].

Models
[BAP+17a, BAP+17b, GSD+95, KGX+95, TTP+07, BS+17, BMS+20, BG+14, BD+19, BBC+12, BNJ+16, BDHK+06, BMBC+20, CDF+05, CMS+18, CHSA+18, CCML+20, CS+93, D+01, FEA+19, GBA+09, GW+20, HMO+20, HAP+11, HLV+16, IKL+12, J+92, KKH+21, KI+19, KRF+19, KCT+99, KIM+07a, KHB+20, KM+01, LMBCC+89, LR+18, LM+18, LK+17, LTD+15, DSM+17, DAP+PJ+20, MR+04a, MHZ+18, MER+17, MOW+20, MOR+01, NBB+18, ODET+21, QHE+20, RB+12, RHI+19, RLRC+13, R+20, SC1+01, SWW+13, ST+98, SLW+11, VB+13b, W+17, XA+10, YZ+18, YCS+20, dVGS+20, vdHSL+15].

Modern
[ABM+05, LRY+17, MD+18, SK+20b, SSC+04, TSK+02, VR+05, WLY+20, ZYL+15, ZME+15]. modernization
[CI+20, WLY+20]. modes
[CASW+05, FAA+18]. modifiable
[CLS+19b]. Modified
[BRL+19, KSS+19, GDRS+04, LJ+04, SLTK+19, W+20, ST+11]. modifying
[GL04b]. MODIS
[HRR+14]. Modular
[DSPAN+18, SPR+21, WSL+17]. modified
[AG+18, FS+18, HML+07, ON+20, P+14, RN+04, YP+12]. modulated
[GZ+18]. modulation
[HJK+04]. module
[WG+00, WPGN+18]. Modules
[HL+97].

MOEA
[WHC+19]. MOF
[DK+19]. MOF-BC
[DK+19]. moldable
[HZZ+14, MLBS+11].

molecular
[ASV+13, BS+04, FJP+99, GRPL+04, M+89, PH+93, SM+11]. molecular-dynamics
[SC+00].

molecules
[M+05]. Molokai
[Hu+89, Rho+89]. momentum
[DHL+18, KKH+01]. MOMI
[DF+18].

MOMI-connection
[DF+18]. monetizing
[BMB+20]. monitor
[HMP+04, SLH+13, ZY+18, vdd+19].

MONitoring
[Szu+89, ACU+95, BS+05, BFW+03, BQI+20, DTV+90, DP+20, KS+18d, LR+18, RMC+10, VLA+13, YCD+19, ABC+18, AAS+17, AB+98, AS+14, AKP+18, AB+19c, AES+21, AMR+19, ACD+20, AIB+18, ADF+05, BBF+03, BKB+18, BCC+17, BSH+21, CA+15a, CJHH+13, CZH+18, ZC+19].
CPT+20, CC09, DP19, EET18, FZW+18, FGG13, FAMA+17, FGB21a, FGB21b, FWB13a, FCD+14, GMP+17, GKT15, GJKP18, HIMM20, HEES19, JHNL18, JAAAZB20, KSF+13, KBG20, KDbLG18, LZB20, LBB+09, LCCM18, LQF19, MVL+18a, MFE+20, MBD+20, MSM+13, MOFGP18, MMLO18, NDZ+18a, NDZ+18b, NDZ+19, NDA+19, PMLVL+13, RSS10, RYH+19, RAA+19, SB19a, SMC+20, SSL13, SSC+20, TCM+14, TSTEM16, TSBH11, VS20, WHMO13, WXZ+18b, WC20, WDD00, WPS+18, YCL+19, YXLB20, ZS05a, ZZSZ18, ZHD+20, ZZQ+13, Zu89]. Mono
[CCL19]. monontonicity [EL03]. Mont
[OBG+18]. Mont-Blanc [OBG+18]. Monte
[BST+08, CPGDS+13, CPBGBC16, DDJ+13, JH16, SWL+20, TMTY05]. Monte-Carlo
[CPGBC16]. mood [CC19]. morphing
[GZF+20a]. Morpho [LSJ+14]. Morphological
[YP12, GDA18]. morphology [TJG+20]. Mortadelo
[dJVSGB+20]. mortals [MBZL09]. MOSIX
[BL98, MKM11]. mosquito [SM18]. MOSS
[HCK20a]. most [CLC11]. Moth [CTJ19b]. motherboards [HJC05]. motifs
[GAB+14]. motility [Len01, Low01]. motion
[HYRZ20, KZCW13, KLC05, SKF+09, Sin92, SYW17, XLS+21]. motional
[LZ21]. motions [CRRC18]. motivated
[ABT20, Pet95]. motivators
[NZOCJ+19]. motor
[AAM+19, CMI+19, RMSPP17, XZZ+19]. motorized
[ZMN19]. Motus [GK18]. mould
[LCW+20]. mouth [XL19]. MOVE
[BJ12]. Movement
[BRB19a, CL20b, KSW+13, KPG19, Pal01, Sch01, ZLZ+20a]. movements
[AKM18, NUPA19, RCTM18, XYL+20]. MOVICAB
[HNCJ13]. movie [MBC+11]. movies
[Wei11]. Moving
[LSAM13, SWW+20, AM20, ATS14, ASA19, BTG19, KHL20, TCC+14]. MP
[GLXF17, LJY04]. MP-MID [GLXF17].

MPI
[ACGdT02, ACh+11, BCh+08, CRE01, DZ98, FD02, FB97, GLM+08, IPC+18, JS13, LR06, LRW01, LBB+19, LGM+20, LZHY19, LS08, MM03, NHT06, PSK+10, Reu03b, RGDM16, SG05, WDR+19, ZA14].

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

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

MPLS [BLO+18]. MMP [HW95, vOB95].

MPP-systems [HW95]. MPSoCs [TW20].

MQR [FG18]. MQTT [RMD18]. MR
[DM+99, DMS+19, GRS+19, ST20b, VETT16, YWF+10]. MR-I [ST20b]. MRA
[ACK+15]. MRI
[GBdRAC20, GSV+10, WLZ+20].
[CCCT14, DLLZ17, DFG+00, DDM21, DEG+17, DvdHGdL09, DEJ20, DSH+99]. multi

[DZXS21, DHD20, DQB20, DB99, FTK+14, FLT17, FHZW18, FZT+18, FZC+20, FNA12, FMN+20, GQXL18, GFZ21, GKB+20, GLVC18, GTSP+19, GPS13, GHJ+19, GJKP18, sGhKS19, GDR+14, GGLW18, HBEK20, HGG+14, HLZ+19, HFL+19, HzDLZ20, HYRZ20, Hu21, HIA+18c, HLZ18, Ima19, IDJC11, IT20, IGB+14, JRM+11, JTG21, JP18, JTBS15, KDHP16, KKB18, KK20, KMT14, KIS11, KZH+04, KSC20, KESL17, KKKM17, KKKM18, KB16, KGLY18, LG04a, MDD15, MRN19, NWE04, PKR21, PK11, Par06, PRP+14, PMCP20, PDW+11, PMLVS+13, PR20, PZL21, yQhJL20, QCYJ17, QHE+20, QZM+18, QCZ+19, RHI+19, RMJ+18, RRU+18, RB18, RMDCG15]. multi

[RRH16, STMV18, ST20a, SCR20, SYG+20, SNWNC21, SSG17, STTK03, SP21, SBAD+18, SEHS19, SWG+16, SCS+18, SCZ+20, SCIC19, SOIS12, Sko18, SWW+18, SBK18, SHLB08, SLY+19, SVN10b, TLY05, TTD+20, TKA+18a, TZD+19, TCBR16, TCN+16, TYH04, VG21, VD16, WHMO13, WWC14, WHW16, WJZ+17, WJS+16, WLP+20, WMNV20, WYS20, WSH+16, WHP09, WXZL11, WSSQ+16, WLXZ18, WHCW19, gWLWZ21, XWZ+19, XYLZ18, XLS+21, XLL20a, YJS18, YQZ+19, YZ12, YYL+19, ZGB+17, ZWL13, ZZH+18, ZTKX19, ZLG+14, ZLL+16, ZHHQ18, ZZZ21b, ZT19, Zhu20, ZCWC20, Zin18, dFPFG19, vM94, vOHQ+05, AB17, Gra92, HLL+19, IMuL+21]. multi-

[ZLG+14]. Multi-agent

[LYYG20a, LYYG20b, MFSV19, Bar11, DHD20, DQB20, GJKP18, KB16, LI17b, NWE04, PR20, SSG17, SP21, Sko19, WLP+20, WXZL11, WHCW19, Gra92]. Multi-Algorithmic [GTEL+18].

Multi-application [DF97]. multi-aspects

[MZP+19]. multi-attribute

[FLT17, SHLB08]. multi-block [vM94]. multi-blocks [FZC+20]. multi-camera

[YJS18]. Multi-Capacity [BB17, HMH17]. multi-category [GGLW18]. Multi-channel

[MSKG21, GQXL18, GFZ21, LF21]. multi-class [JTG21, RHH+19].

multi-Cloud [JTBS15, ABDH19, DEG+17, KKKM17, KKKM18, RMJ+18, SBAD+18, TKA+18a, WYS20]. multi-cloud-server

[KLW+17]. Multi-cluster [JAA09, WHW16]. multi-community

[GHJ+19]. multi-component [SVN10b]. multi-copy [ZTKX19]. Multi-core

[MGMT18, MMRL17, LG16b, MWYC12, PK11, PROC+14, QHE+20, QZM+18, WDZ+17, WHS+16, YZ12, ZHIQ18].

multi-cores [HLZ18]. Multi-cost

[SDD+09]. multi-CPU [VD16]. Multi-Criteria [GSKS20, FJJ+18, KA19, MLSF16, ADKS06, WHP09, ZH18]. multi-criterion [FTK+14]. Multi-device

[LPL+16, AK20]. Multi-dimensional

[SS17, WZW+19a, WW11, ZFW14, DSH+99, DB99, FNA12, SWG16]. multi-disciplinary [DFG+00].


[HLZ+19, Zhu20]. multi-features


[VD16]. Multi-GPU-based [DNJG17].
multi-grid [CCCT14]. Multi-Hop
[WWTF18, HB21, SAH19, KESL17, LLAW17, TZD+19]. multi-image
[LLW+20]. Multi-information [GCCL18].

multi-installment [SOIS12]. multi-job
[WWC14]. multi-kernel [JP18]. Multi-key
[LLH+17]. multi-keyword
[LXK+14, WHMO13, YQZ+19]. multi-label
[GLVC18]. multi-language [PMCP20].

Multi-layer
[TZL+18, AAM+19, CCLS09, DvdHGD09, SYG+20, SCS+18, YJL+19, IMU+21].

multi-layered [WJS+18]. Multi-level
[YDT19, AD18, CXC+18, GOBL16, KSC20, LSG+19, RMHCMG15]. Multi-lingual
[CGZL19]. multi-link-failure [RRU+18].

multi-master [DEJ20]. multi-metrics
[Hu21]. Multi-modal
[HMLS20, KSDB21, CCL19, CZ19, LZ21].

multi-model [BH21, XLL20a]. multi-node
[CKW21]. Multi-Objective
[PLBOC20, AJR+19, DK20, DNP14, GOBL16, JLQ18, LZLY20, LPV+16, LZWF19, ZCL+14, CZY+18, FZT+18, GPS13, HBEK20, HFL+19, IT20, LWTIL19B, LDJL19, LZCGMV20, MECRFD20, PKR21, yQhJL20, STM18, ST20a, SEHS19, WWC14, gWLWZ21, ZLL+16, Zin18].

multi-operator [SCR20]. multi-order
[LW18b]. multi-paradigm [STTK03]. Multi-party [MM+20, KGB18].

multi-perspective [LPL+20]. multi-perception [Par06]. Multi-point
[SKF+11]. Multi-population
[CHC+20, VG21]. multi-processor
[MRN19]. multi-projection [BGW19].

Multi-Protocol [GLXF17]. Multi-proxy
[TYH04]. Multi-QoS
[AB18c, AB17]. multi-relay [ZWL13].

Multi-resident [LHF+20].

multi-resolution [GBKS19, KLH+04]. multi-resource
[HzdL20, LYY+18, LLZ+19, PZL21, ZT19]. Multi-robot
[TLKX21]. Multi-scale
[GPWL20, JYZ+18, RCW+19, DDM21, DZXS21, Ima19, MR04a, XYLZ18].

Multi-scheduler [AJY15a]. multi-sensor
[FMN+20, dFPFG19]. multi-server
[FHZW18, KK20, LH13b, LHL03].

multi-signature [TYH04]. Multi-site
[SA14, TCB+16]. multi-source [SCZ+20].

Multi-spectral [GHEB+18]. multi-stage
[ASA+20, CKL20, GKB+20, SCLC19, XLS+21]. multi-stages [ZCWZ20].

multi-start [KMT14]. Multi-symplectic
[IS03, MR03a, MR04b]. Multi-task
[LHD+20]. multi-tasks [AK20].

multi-tenancy [BPC+14, TCBP16]. multi-tenant
[GTSP+19, MVLJ21, MDD15, PMLVLS+13, RB18, SNMWC21, SWW+18, WMN20, ZGB+17].

Multi-threaded
[PWWD18]. multi-tier [GDR+14, HYG+14, IDCJ11, KIS11, LPD+13, TLY105].

multi-tiers [LJ07]. multi-touch

multi-UAV [HYRZ20, HLL+19]. multi-user
[DLLZ17, JRJ+11, KGLY18, LQYL21, MSK03, PDW+11, RRH16].

Multi-valued [ZMH+17]. multi-version
[QCYJ17]. Multi-view
[XW21, ZLZ+20b, BAMR20, BTP19, LHX+21, LZZ+21, LYS12, QCZH19, ZZZ21b].

multi-wireless [MYK16]. multi-workflow
[ABN19]. Multiagent
[RML+19, PCH+06]. multibiometrics [GEAR13]. multicast
[ADOKM06, BDL06, FMR05, GNTW05, ZWJ+18].

multicast-based [FMR05].

multicasting [EBCP18]. multicellular
[Pal01]. Multicenter
[BJM+17].

multichannel [MYBMM18]. multiclient
[CWD+08]. Multicomputer
[MF93, BL98, CST91, KD00].

multicomputers [KM01]. Multicore
[LJC+19, ADL+16, BFP18, CHS+18, HAF+16, JLRJ18, KR19, KR14, LRYJ17, PSPP16, RGDML16, WCC+16, WTG+19, WPJ16, WRLR16, ZTQ+20, HYZS16].
multicores [SHP+16]. multidestination [Pan95b]. Multidimensional [AKA20, CLR16, PLW+19, BS09, JLC18, YC13, ZQZ20, ZYX+20].
multidisciplinary [ATJ-MZ02, SMK05]. Multifaceted [ABTA18, GBF+12].
multifrontal [IST04]. multifunctional [DCK03]. MultiGrain [MSS+16].
MultiGrain/MAPPER [MSS+16]. multigrid [LLR94, LN94]. Multilevel [SRP19, WC01, SSC04].
Multimedia [ACM+18, BOL+19, HXA+17, KCM19, LBD+19, WDW+19, YWL+17, AMPS19, AMPF19, BS91b, CFGC03, CdR+1B19, FGRZ09, GL04b, GSY+17, HLYW17, HML+06, HYX+19, HOV20, HXL+18, HPL+19, HCHH19, IG12, KLJ1S19, LXF+19, Mu92, Pap05, PKY+17, RHH+16, SLS+19, TGM+19, WZW+20, WLH+19, vKvWD+13, ACC20]. Multimodal [Sar18a, AHN+18, EAA16, ESSS+21, HUY+19, LJ21].
Multimodel [KV+18]. multinetts [Klo05]. multinode [WTG+19]. Multiojective [CZL+18a, CZZ+19].
multiparadigm [BdCYG05]. multiparty [HML+06]. multipath [HYX+19, KN10, VSKS19]. multiphysics [MTH+05]. multiplexer [PN09]. Multiple [CC+21, CW99, MBFC09, QZZH21, RLQ+21, SKS+18, YZZC19, AFF+09, Ans11, AM19, BBB16, BCP03, CTVB12, CMB17, CGL08, CAPG18, CL+20, CS18, CdO20, DZXs21, DPL14, EG18, FD95, GBdRACG20, GOLL19, GA+19, HQ10, JCSS01, JL03, KOM+20, KSK+11, KGO+20, LLY+18, Li18, LYYG20a, LYYG20b, LMM19, LSMV13, MJM+16, MVRM08, MI01, PC17, RM11, RMHM17, SG17, SDZ+20, SLA+16, SVN10b, TMVM12, WTM+17, WLGL19, WLZ+20, WLY+20, WFL+20, XZJ+20, XDHL12, YXZG18b, YD18, YQZ+19, YL18, ZYB+18, ZYHCZ19, ZDZ21, dFVPSHL+14, dCTVC18, dFPFG19].
Multiple-combinational-channel [CWW+16]. multiple-context [FD95]. multiple-mix-attack [LMM19].
multiple-perspective [HQ10]. multiple-task [MVRM08]. multiplexing [HFM19]. multiplication [ZWL+16].
multiplicative [MZLT21, TW+18]. multiplier [HMA+21]. multipliers [WML14]. multiply [CSQ17].
Multipolarization [FLN+18]. Multiprocessor [SZ09, AAB+92, BR92, BW95, CR92, DKV14, GE90, Kat04, Kun94, LS01, Nos98, OSCY93, Par04, SC16, SKJ01, SF06, Yam92, ZMTT16, mMM95].
multiprocessors [AB95, Ber98, CK00, HHXL13, TC06, WYJ99].
multiprogrammed [Aba06a]. multiprogramming [Ste92].
multiside [CRYG18]. multisite [DST10, LPV+16]. MultiSLA [FNRP20].
MultiSLA-Aware [FNRP20]. multispec [CW93]. multispectral [Iva19, LLWN04, SYCH18]. multistage [ADK06, GS13, KYB+19].
multisymplectic [IS06]. multiple-task [HQ10].
multithreaded [BBFW03, Ném00, PPGS20]. mutimetype [LXZ+20]. mutitype-users [LXZ+20].
Multiuser [NRR+15, dSNB19]. Multiuser-centered [NRR+15].
multivariate [CIJM20, DD05, WSL+19]. multiway [CC98].
multiworkflow [AHEM17]. München [Bun03]. MUSCLE [BC17].
MUSCLE-HPC [BC17]. muscles [LZ820]. music [PMF11]. mussel [MBD+20, PRW14].
Mutation [SH19, DMN+05, JGFB18, JLC+20, TM19, YWG+19, YWG+20b, YDD+18].
Mutual
Navigating [vVDBB98]. Navier [MSLP93]. Nature-inspired [VV16, ZEO01].

Named [BeKTK+20, NJB20, RWO+19, ADBM19]. Naming [ACsdRR17]. NAND [SCH+19]. nanoprobe [wZcZN+19, wZcZN+20]. nanoscience [GFGB03]. nanotubes [Tor04]. naphtylium [DRS04].

Named [BK20]. N-grams [ZXX+20]. N-gram [FJ00]. name [ACsdRR17]. N-grams [ZXX+20].


Neighborhood [ZF16, AEGF+01, CZ12, CSL17, DZX+21, NAGD18, RNJK09, SYG+20, TM19, WYH+17, ZSJ19, ZRV+14]. Neighborhood-based [ZF16, ZRV+14]. neighbors [CSL19]. Neo4j [SHDT21].

Nephropathy [QXZ+18a]. NEPTUNE [BK20]. nervous [UPP17]. nesting [GL05]. net [LS05, YJF+20, YDL+20, YDQ19, dLB10, LS05]. net-based [YDL+20].


Network [ACC+19a, AS18b, BZHV19, BHE+19, BCR+12, CBM16, CW13a, CWL+19, DDD+19, Dia91, Elg20, FS19, HDK+18, InRJ+21, JL14, KKB20, KSDR21, LG08, LY21, MDC+21, LMC+11, MBM18, MTKS00, MGM+20, NM21, OVK+09, Pa10, Per86, RKG20, TM+17, TCCC11, VDTK12, VP20, WWTM18, WLR21, YZL+20, ZHHC17, AAYL19, AFO+18, ABD+19, ACG+20a, ADOKM06, AAQ+18, AAQ+19, ABB+15a, ABF+10, AR10, ACM+21, AS19, BMU16, BXM20, BCG+20, BAGR+20, BTM06, CEP19a, CWL+18, CaVLC21a, CTF+99, CvdRA+20, CL20a, CKL20, CCL08, CFL+15, CJXY+19, CW+16, CZH+18, CHW+20, CS12, CFPC17, CDB+19, CKW21, CS19, CF20, CN19, CFG+05, DPK+19, DCBF19, DBP19, De 88, DVM+20, DPBK16, Dzh20, De60, DVB14, DS08, DCF19, DUI89, FBM19, FZHH+14, Fer13, FJJK17, FWB13b, FFL+19, FIASC+20, GPA00, GZ20, GZW+20].

network [GOBL16, GBY16, GVdBD15, GFR+06, GdBW06, GMM+09, GSC+19, GNW+09, GNW+14, GNW+17]. next [KZ12, YKS19].
GTG+21, GGC18, HZW19, HPZL18, HAF+16, HUY+19, HLYW17, HHH+19, HCNT14, HH19, HSP+13, HS8+18, HZL18b, HDH+18, HZL+21, IT20, JTGH21, JAA09, JPCW20, JCR09, KNR21, KSS19, KKP+05, KCB20, KLJS19, KBDLG18, KMST19, KMS20, KK10b, KAS+18, KS18c, KGLA95, LJY04, LEC04, LJ19a, LZ1X13, LNB14, LMZ+14, LYY17, LXL+17, LLT+19, LLZ+19, L20a, LXS+21, LWS07, LZW21, LCMSE19, LKTC14, LC20, MHT20, MHC14, MSLP93, MWC19, MBL+18, MG+18, MCA+18, NK20, OGO+20, OS92, PP10, PP10, PJD103, PMK18, PCK20, PBL+18, PEA19, Pip10, PTT12, PP20, QMCX20, RR18, RWG21, RKS08, RKP+21, RS98, RGCC18, SGCPV20, SMK19, SGST19, SPP00.

**network**

[SM03, SVN+20a, SB19c, SHST20, SP18b, SGL+20a, STC15, SKS+18, SCM12, SNP19, SRC97, SPB07, SYAL13, Sun92, TTBK13, TB5+18, TDLT20, TCR+12, UZ11, URE+20, UC020, UAS+20, UDVD+W+18, VS18, VCDK18, VOS12, VS95, VCK+20, WGG+14, WRC17, WCB+18, WZZW18, WCM21, WZ+19, Wan20, WMA+19, WM21, WLA18a, WSH99, XGX20, XWD20, XWL+15, XZ20, XY20, YMLT13, YCL+19, YHW+20, YXL+20, YCXW18, YHH+19, ZAH+20, ZGB+17, ZZDM+18, ZZF+19, ZGV19, ZSFZ19, ZX+20, ZL21, ZWJ+18, ZZPK21, ZS10, ZCW19, ZCS20, ZWMC19, AS18a, BRH18, BSE+13, GPPC17, GKT15, HQ10, MCJ19, RGSL8, Sun10, WFQ+10, ZHU10].

**network-aided** [GSC+19].

**Network-aware**

[BCR+12, PaI09, TCCCI11, VDTK12, ZHHC17, PP10, RKP+21, TCR+12, UDVD+W+18].

**network-based**

[GTG+21, LYY17, LZW21, QMCX20, Sun92, RGSL18].

**network-driven**

[YMLT13].

**network-failure** [DCF19].

**Network-on-Chip** [MBM18, Deh20].

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

**Networked**

[FMD09, MGM+20, GCT+20, KSS+21, PMFH11].

**Networking**

[ALR+20, BeKT+20, CG09, DHA+20, Gen95, HB98, HYL+20, Ld099, NJB20, SMG18, W100, AB01, ABG18, ASES+21, BBG+05, dMBPdSC20, CDY+20, C2J+18, GXL+12, GZL16, CDNW06, HCD+94, HJ+06, LPC+20, LPG+19, MCJ19, MT17, MWC+03, PYM18, PA11b, QWR+20, RLL+17, RWO+19, SPP18, SCS+19, SL19, TG+19a, TB016, VBP03, WWV17, WGG+19, YZJ+20, ZBCT17, ZW+21, ZW1916, dLRW03, ADBM19].

**Networks**

[AZO+19, AMR+20, BSM20, BMZdP21, EGV18, FPFP14, HDAR+20, HDN+20, HGM15, KIAD17, LY19, MWQ+19, MBJ+20, OMSL20, PLLP19, RGN+19, RC+19, Ska+20, SYJ+19b, SVK19, SRP19, SJQ20, SMS16, TKA18b, WHF+20, WZWW18, YLGG21, YMS02a, AS+19, AAA20, AJ19, AQHR+18, ARSMY19, ASO14, APE1+18, AQN+20, AKA20, ADK96, ASA+20, ACM+18, AMPS19, AMPP19, ASY18, AIB+18, Am90, AM19a, AKJ+20, ABdL05, AB03, AAS+19, AC18, ASA19, BEB+20, BSA+20, BAA+19, BDP11a, BLAN+16, BS09, BMK+14b, BR20, BCR+12, BCMA07, CEP19b, CZY+18, CQ13, CJ14, CABB20, CECS20, CWJ16, CJG+18, CZM+18, Che18, C2Z+18, CW13b, CSC18, Coo90, CBD+05, CdRdCB19, CGJ+10, CS97, CHY+18, DZ98, DBP19, DGK20, DvdH4dL06, DvdH4dL09, Dör05, DK19, DYC+18, ELAEAVAM19, ESP17, EY19, EA+13, FG18, FJ+18, FCPSG+21, FZHH14, FW19, FA+19, FZC+20, Sun91].

**networks**

[FM08, FR08, FP14, FSM88, FLN+18, FAL91, GKI05, GRT+10, GCM21, GLAA88,
networks [UJHN20, VSBN19, VCD+18, VBL09, WSQ+18, WC01, WSZH18, WLP10, WN10, WWD+14, WJLW18, WDD18, WDJC18, WCM+19, WMC19, WYD20, WCY+20, WLY+20, WLAC20, WdL16, WLQ10, WLS+18, WLZ+19, WSY+19, XCS+18, XWM20, XL+14, XZ4+16, XDH+17, XXX+19, XCW20, XL+20b, YPLZ17, YHL+19, YGE21, YMS20b, YCX05, YL18, YK20b, YLA18, YLH+19, ZF16, ZSJ19, ZGL19, ZL17a, ZLY19, ZHZ+18, ZZK+19, ZTKX19, ZWL20, ZWS+12, ZNC+18, ZL1+20, ZBL+14, ZCL+19, ZZC+19, ZMLR+18, ZSS+18, ZCDV19, ZCW20, ZDJZ21, ZKW20, vdHDT+06, ACC20, BMK+14a, IDK+19, LNK+18, WL000, ZHL+18]. 

networks-based [FG18].

Networks-Generated [ZHL+18].

Neumann [HG92, KDE+04]. Neural [DDD+19, Sou91, FS19, FdL91, GKI05, GKT+15, HDKC18, InRUJ+21, IT20, KSD+21, LMC+19, SKS+18, YGR21, YZL+20, AAYL19, AsRA*19, AFO*18, ASYF18, Ami90, Ban02b, CZH+18, Che18, CHW+20, Coo90, CS97, Del06, DGK20, Fio06, GWZ20, GMH20, GSC+19, GTG+21, HZW19, HPZL18, HUY+19, HHH+19, HZL18b, JL98, JZL+20, JWP20, KNR21, KKP+05, KLV+18, KSP+18, LBD+19, LXH+21, LZT+19, LLW+19c, LCL+18, LWW04, LYM+18b, LZW20, LMC+20, LLL+18, LQW17, LQY+16, MCI+19, MNN+19, NBB+19, NLLC19, NHV+20, NS10, NK05, NJKF18, Nossa+14, NJKH13, NIS02, NED+20, OLE07, ODC+19, OSANAM19, PHG20, Pan95b, PSL+04, PSJ+12, PRS+13, PC+17, PDH18, PPMAM13, PPS18, PBC+01, PWWD18, PF17, Pud01, QZHZ21, RWY+18, RpDR20, RHMG+14, RM97, RWZ+19, RH20, SJ14, SPT+18, SYG+20, SGGR+16, SISE18, SNWMC+21, SOD18, SM01a, Sap88, SVC+07, SNW01, SCY+18, SCB+04, SMY20, SCS+18, SLS+10, STC+15, SGB+19, SPEW+09, SDD+09, SRG+03, SJT+07, SICE18, SK05, SJL+18, SLZ+18, SLY+19, SKX+20, TLM21, TSD18, TY11, TLKX21, TL19, URN+20]. 

Neuro [JKS+20]. 

Neurocomputing [MMA+18]. 

Neurofibrinosis [WTL+20].
[KMB16]. notice [Bo20b, HZX+20, JLC+20, LYYG20b, WWP20, WCWC20, YW+20b, YTQ20a, YTQ20b, ZMZ+20, wZcZN+20]. notification [AHN21, QP08] notions [DGY+18]. nourishing [QXZ+19]. NovaGenesis [ACSdRR17]. Novel [BLO+18, CDB+19, FGM11, PS20, VR05, WBT05, ZLM12, ABM19, AMM+20, AS19a, AK19, ArMS19, ASY+18, ATX13, BAMR20, BAR21, CPDJ13, CGCB+12, CMI+19, CZ12, CAL+18, CYH20, CGM+18, CHY+18, DdM10, DC19, GPRM21, HZW19, HLL18, HHSW92, HHH+19, HHH+19, HXW18, HHZ16, HCK20a, HCK20b, IA20, JLY+18, JXZ+19, KHWZ18, KPG19, LSN+20, LLF+18b, LYW+18a, LXRS19, LYZF20, LJY12, LH13b, LJJb, LZ+20, LLJ+11, LLSL18, LHW+18, LZW+18, MM21, Mam09, ML19, MdMMNS+19, NMRK21, NPP12, NZL+15, Os19, PCB99, QG20, QCY+19, RAKJ18, RRU+18, SMS+19, SAM+19, SGJ18, SYW17, SCJ+19b, TLL+19, TMMJH19, TYWZ18, TMS+17, UPP17, VGD+19, WLLF16, WDD18, WZB+20, WXZL11, XZV+19, XFJ+20, YAO14, YK17, ZAA+14, ZA13, ZYW+18, XZY+21, ZCQ+16, ZWZ19, WZeZN+19, wZcZN+20, ZH20]. Novelty [GST21]. November [Aoo20q, Aoo19m]. NOVI [vdHL+15]. NP [BP13]. NP-complete [BP13]. NSGA [GW20, YDD+18]. NSGA-III [GW20]. NSST [GDA18]. NTP [GoOA20]. NTTs [KY85]. NUCA [BFP18]. NUCA-based [BFP18]. nuclear [Poh87]. Nuclei [ZWH+21b]. Nudge [WMD+20]. NUMA [HTL+18, LRYJ17] Number [Ano86a, vdr86b, AAR+20, BGC19b, GZ04, LSG18, PSS+18, RNR18, Tab06, Tan02b]. numbers [SAM+19, TSZP99]. numeric [GI07, Ref87]. Numerical [BN06, DL06, IOO04, Kni89, PP06, CCY+18, DHD89, DP03a, DMW04, FB93, KM01, LR01, NB04, NHT06, Rum99, SS03, VWCV94, ZRZL18, XZL14]. numerically [Var03]. numerics [TBK06]. Nuoxus [CdRRdC19]. Nursing [KZBK99]. nutrition [CAS+18]. NVIDIA [GDS+20]. NVM [CSJ+17]. NW [GAB+96]. NWF [LS05]. NWF-net [LS05]. Nyström [CP06].

O [Aba06a, BBN+20, BFK02, CSL18, DLZ+14, DLXR14, DY+16, FC09, Geo02, HMC06, KHERS21, LLW+12b, OK02, SM06, TDFZ18, XZL14]. O-FCN [FC09]. O-intensive [ClLC06]. Oak [SVN+10a]. Oasis [XFL16]. obfuscation [MfFTG19, NMRK21]. Obituary [Kas86]. Object [AAA20, AMBB18, CHHW91, GSY+17, KST92, SHJ06, TQC20, ADM06, ATS14, AP96, BTG19, BGV97, BHK90, BBB+19, DC00, GWW+19, Gil85b, GTSP+19, HHS98, JBA94, LL03, MGA+18, NS02, PSZL18, RACA18, SLK17, Sun10, WLLY20, XFL16, YARH18, ZJWZ04, Kobb92, Sun10]. object-based [ADM06]. object-centered [AP96]. Object-Oriented [CHHW91, AMBB18, KST92, BGV97, BHK90, LL03, PSZL18, Sun10, Kobb92]. Objective [PLBOC20, AJR+19, CZY+18, CGS18, DK20, DNP14, FZT+18, GOSL16, GPS13, GW20, HBEK20, HFL+19, IT20, JLQ18, LWTL19b, LZLY20, LDJ19, LPV+16, LZCGMV20, LWZ14, MECRF20, PKR21, yQhJL20, RPP+20, STMV18, ST20a, SEHS19, WWC14, gWLWZ20, ZCL14, ZLL+16, Zin18].

Objects [Li02, MDA+19, SAGGB17, DL00, EGAQ09, FMM+20, GSGP+19, HC17, KHL20, MS01, SD02, TTC+14, XSMS04, ZZN04, WAEO06]. oblivious [KKL09b, Tso19, ZWL+16]. observable [Veo08]. Observation [LciaPMCT19, MBZ+21, PD11, RVST17]. observatory [Fin99, FA+20, SB99, ZKD21]. Observer [KS17a]. observing [WS05]. obstacle
Obstacles

October

Offloading

OGSA

OMI

OMS

ontology-centric

Ontology-driven

OntoZilla
Open [BJWZ08, CAS+16, KHH21, PVHTP19, QC18, ASAAM+19, AJZ+02, ACC+19b, BF818, CASW05, CCM+14, DPP03, HKP10, KS11, KS18b, KTTK17, MG11, MKS+19, MQN19, NLSY20, PWA+19, SJV+15, SWY+18, SGM11, Sko19, SP93, SYK+17, TSGVRS19, TCB+17, WMD+20, YHA+19, CWD+08, FSBS+20, GM11, Mil11, MCF+11, SB11]. OpenABL [CPJ+21]. OpenCHK [MMK+20]. OpenCL [CJP+19, JCP+20, PSH+20]. Opening [HICAFM+06]. OpenMOLE [RLRC13]. OpenMP [NHT06, WLYL20]. OpenNebula [KMT14]. OpenRTE [CWD+08]. OpenStack [CFI14]. OpenStreetMap [TD21]. Operating [WCWC19, WCWC20, YA+18, AHJ+97, BL98, BBI13, DMDP17, Gos90, LSW+19, MGLV04, RG04, WB90, ZAI+18, Zin18, BG87]. operational [ALL+18, CVdRA+20, CVB90, MHA09, ONHT89, ODC19, Par20, Sun10, Tak89b, WC14, YWH+21, YWA+89, ZTC+19].

Opportunities [AR17, GZPZ20, Jun17, PYM18, AZH18, ALK15, CFK+20, CLCY18, CBBC+17, CDFW18, DRC20, GS16a, GRL11, GFD14, JC15, MWW+15, MKK+20, OFMZ18, QCD16, RMC+18, WGX+19].

Opportunity [BS91a, BS92]. OPRA [BEM+20]. OPT [FWC01, VAS95]. Optical [DFSZ88, MSM+18a, WSTW87, Yat88, CASW05, CGJ+10, DvdHdL06, GHO+11, HRJ+06, HZL+21, KDK09, LYS+20, LKTC14, MWC+03, Maa09, Pal06, Pal09, RvdSB+03, SVC+07, YGYI16, dLRW03, vOH+05, vdR87e]. Optimal [AOIS10, AAP21, CT19b, DLW07, DEG+17, GC94, HCK20a, JGB19, KMK+19, KLM+03, KMC19, KMDJ20, LXD17, LJW08, RSRV88, UKY+20, BAA+19, BKG+20, BG05, BGRBA19, CXWT19, CJS19, DGL+20, EBCP18, FTK+14, GCT+20, GS05, HZLH19, ICCB20, IDK19, KA19, Len16, LSMV13, SRK18, SMS13, TKT+08, TIA21, VPA20, XYLZ18, ZLTY10, ZWL13, ZYCI19, ZaTZ+17, ZBL19]. optimality [AMBGS21, BLMT20]. OPTIMIS [Ano12r].

Optimisation [AKPN01, XRPT18, AL18, AR10, DIFS99, HFL+19, PTD+18, RMC20, SO98, TVB18, WHW17, VBV15]. optimise [DHD20, RS98]. optimised [BBC+99].

Optimising [KACN16]. Optimistic [LM12, Poni19, YCAS03, WWW+16].

Optimization [AP20, BC03, KSDR12, LXD18, LGL+20b, SSG17, See20, SSB+20, TA18, WPS+18, YHW+20, YK20b, ZCS+16, ACML05, ABMSEM18, ANA16, AKP+18, AT18a, APC+20, AJP18, AC18, BRL19, BMRW01, B20a, BMU16, BGNBH+20, BM20, BBL+05, BRM+20, CT19a, CPGBC16, CZL+18a, CWB+20, CHC+17, CHC+20, CdO20, DDD+19, DGK20, ECA+18, FZT+18, FM01, GSL12, GHEB+18, GB20, GW20, GGA+17, GLJ19, GZZ+18, HPZL18, HAP15, HHH+19, HMF+19, HZP+14, HZZ18b, HZL18, HCHH19, HKP10, ISS+15, JHK20, JCL+19, KKS18b, Leo01, LLW18,
LZLY20, Li20, LCW+20, LKG08, LH10, 
LLW+12b, LDW+21, LZCGMV20, 
LJW+19b, MECCRF20, MBM+20, 
MVRM08, MGMT18, MFSV19, PKR21, 
PFR16, PKC+05, QWCW19, QKC20, 
RD14, Sch03, SKJ01, SCY+18, SEHS19, 
SSJ19, SGN+17, SH19, SS19, SGB+18, 
SLS+19, SHL+19b, TSK03, TWZP18, TV16, 
VG21, VP20, VR12]. optimization 
[WVC05, WWX+17, WCL+17b, WWQ+18, 
WZWC18, WWZC19, WYJ+19, WZ13, 
XCH+20, XHW19, XL1L20, XZW+19, 
XDL1L2, YXL+20, YD+18, XYYH20, 
YKK13, ZRZL18, ZN12, ZZJ17, ZWZ18, 
ZYW+18, ZHGK20, ZWL20, ZLZ+20a, 
ZWZ19, ZHX+20, ZWZ+21, ZLG+14, 
ZLL+16, ZQB+18, ZSMS18, ZHHQ18, 
ZXL14, dNE05, Mu1+21, MMMA10, PW09, 
PT16]. optimization-based 
[BRL19, HAP15]. optimizations 
[CC00, DS98, SBA+05]. optimize 
[CdSD15, HPGM18, RK20, WCC+09]. Optimizer 
[CAB+18, FDR17, GTM17, 
KR19, RRD21, TKA18b, AKCY+17, 
AAD+13, BFL199, BKKM11, Dl20, DR18, 
DKJ19, GS16b, GSY+19, HTXW21, JN1R01, 
LXL+17, LLF+18b, LWL19b, LJJY10, 
PVA+20, SA07, TF18, TMMV12, 
UMHB19, VSO0, VS19, ZCDV19, dSB19]. optimizer 
[DHL18, FFAF20, FN00, LK08, SJ19]. Optimizing 
[BCF02, BKSS02, BB+19, 
dCCDFd015, ERL+20, HWZL08, MN+19, 
MS02, NF13, OF07, OFC14, PGHM20, 
SSI19, WYBS11, WGW+20, WLQ10, WF21, 
YZ+20, ZHW19, Zin18, ZSB19, 
vWMBS14, FPC18, GMLO8, HSC15, 
MFL18, QHE+20, VMC+20, VS1D13, 
WBJM14, WLH+19, ZSMS18, vW19]. optimum 
[Dal06, IdAP19, AFPG91, AFP+92]. OPTIMUM-AIV [AFPG91, AFP+92]. optimum-path [IdAP19]. option 
[CDP20b, CDP20c]. OptIPortal 
[SGP+09, SBdL09]. OptIPortal [DLR+09, DDS+09]. OptIPuter [DLR+09, MAM09, SBdL09, SW06, TW+06]. 
OpusJava [Lau01]. OR-forest-based 
[CY90]. OR-parallelism [Zha93]. Oracle 
[CW93]. oracles [KGS+19, MMR02]. orbit 
[LY18b]. orbitals [REM04]. Orchestrating 
[CKP+19]. Orchestration 
[MT17, AK20, EKDN19, GMP+20a, JTS13, 
SEKS+20, STH+20, SLL+18, SL+19, 
VCE+19, VS20, XWZ+19]. Orchestrate 
[KKK+19]. Order [Pan95a, AAC04, BFR05, 
BFC02, Bou95, Che14, Dal06, DIPM18, 
JNR01, LW18b, MSR20, TJ18]. ordered 
[Bag11, GY90, QO4, SAKOK03]. Ordering 
[HMH17, Bag19, BHL13, Kos00, ZWJ04]. or 
[LZH+20]. OREA [TKA18b]. organisation 
[EAGQ09, Gra92]. organisations [SMF+19]. 
organising [FGM21a, FGM21b, PCVN21]. Organism [ANA16, Low01]. organisms 
[EA17]. Organization 
[MG10, HG92, PPGS20, SYT09, ZHZ+18]. 
Organizational [HKG+16, GCTLA+19, 
KS19, KSM+07a, KSM+07b, RSV90]. 
Organizational-based [HKG+16]. Organizations 
[RMA21, YAA+19, Li10, NFK+20, RJH+09, 
SCZ+19, SMSF18, SR19, VWD+08]. organized 
[RP18]. organizing 
[DD05, FS07, FSM88, MPR+16, dRRQ+18, 
dRRdQGR+18, SL+18, VRGR16, 
XWL+15]. oriented [ZDL+13]. orientation [OMSL20]. orientation-aware 
[OMSL20]. Oriented 
[BZS18, CHHH91, GLXF17, SCL18, 
VDTK12, YAA+19, AMBB18, AT20, 
AWN+13, AB18b, QBP15, BvdV99, 
BAA+19, BdcY05, BR18, BGGV7, BHH91, 
BHH92, BHK09, CJPC19, CPD19, 
CLL+14, CGST09, DVD12, DSW+20, 
DM12, DC00, EAED18, EG18, FLR+16, 
FJ00, FKT14, GVURIVBV14, GA13, GIL85b, 
HYX+19, HRM20, HW04, Hua05, 
HLT+18, JBA94, JKLL17, KST92, Kob92,
KK16, LL03, L{\textit{v}}Sw{\textsuperscript{+}04}, LG{\textit{C}}{\textsuperscript{+}21}, L{\textit{X}}{\textit{I}3}, LW{\textit{Z}}{\textit{I}8}, MLS{\textit{F}}16, MHA08, MRS{\textsuperscript{+}18}a, NK15, OFT09, ÖE13, PSL{\textit{Z}}18, Pan20, PBA18, SB{\textit{L}}W14, SSJ19, SD{\textit{Z}}{\textsuperscript{+}17}, SLL{\textsuperscript{+}18}, SAC11, Tak05, TAKV12, TBK06, VSM02, VDK12, WD{\textit{J}}C18, WYN{\textsuperscript{+}90}, WZWW18, XL{\textit{W}}{\textit{L}}{\textsuperscript{+}17}, XDHL12, YNSM12, YGD{\textsuperscript{+}21}, YJB{\textsuperscript{+}21}, YZW14, YCS{\textsuperscript{+}20}, GME{\textit{L}}08, Sun10]. orienteeing [PP{\textsuperscript{G}{\textsuperscript{+}20}]. orienteeing-based [PP{\textsuperscript{G}{\textsuperscript{+}20}]. Origin [LHB95]. Origin-based [LHB95]. orthogonal [Fio06, LYYG20a, LYYG20b, LAT{\textsuperscript{+}20}, PP{\textsuperscript{P}{06}]. Orthogonal [DV03]. OSCAR [LSLS05]. oscillatory [DR03]. OSG [VHML10]. OSI [Kob92]. OSINT [Q{\textit{C}}18]. OSLN [Sun10]. OSM [VCK{\textsuperscript{+}20}]. Osmotic [SJQ20]. OSNs [GNN{\textsuperscript{+}18}, TWG{\textsuperscript{+}19}]. OSPF [WMA{\textsuperscript{+}19}]. Osseous [DGA18]. osteochondral [Bo19, Bo20b]. osteoporotic [WPP19, WWP20]. other [HXA{\textsuperscript{+}17}, ZZC18]. out-of-order [BFR05, BFC02]. outdoor [LQS{\textsuperscript{+}20}, MLGGB{\textsuperscript{+}17}]. outlier [DPJM18, GD{\textit{G}}K20, NG{\textit{B}}18, YPX{\textsuperscript{+}20}]. outliers [RZIX20, SA{\textit{G}}19]. outpatients [JYZ{\textsuperscript{+}19}]. Output [JL{\textit{K}}K17, Aba06b, GOLL19, HP{\textit{Z}}L18, WHCZ18]. Output-oriented [JL{\textit{K}}K17]. Outputs [SK07, CCRL18]. output [XTZ{\textsuperscript{+}19}]. Outsources [BKHD20, GQ{\textit{Z}}{\textsuperscript{+}19}, XCSF20, F{\textit{B}}L{\textit{B}}{\textsuperscript{+}20}, FS18, LY{\textit{Z}}C15, DL{\textit{M}}S15, WWR{\textit{S}}16, WCL{\textsuperscript{+}17}a, X{\textit{B}}B19, ZSW{\textsuperscript{+}18}b]. outsourcing [BGR{\textit{A}}19, ED16, HC{\textit{W}}{\textsuperscript{+}18}, JCL{\textsuperscript{+}15}, ZCL{\textsuperscript{+}18}, ZZZ{\textsuperscript{+}21}a, dACAM13]. outsourcing-supported [ZZZ{\textsuperscript{+}21}a]. OVE [FSB{\textit{S}}{\textsuperscript{+}20}]. Over-sampling [MK19a]. over-the-air [ZXW{\textsuperscript{+}18}]. overall [WCC{\textsuperscript{+}09}]. overbooked [LP{\textit{B}}P{\textsuperscript{B}}{\textsuperscript{+}18}]. Overcoming [ABC{\textsuperscript{+}20}, KC08, USK16]. overcommitted [CJHH13, ZHHC17]. Overflow [BPLFRL20]. overhead [CXWT19, DT94, LZHY19, MTKS00, MVL18b, RS17b, TTT{\textit{H}}20]. Overlap [KKB{\textsuperscript{+}19}, LJJ18, BCFS02]. overlapped [MTNM08]. overlapping [BR19, DNN{\textit{G}}21, HLT{\textsuperscript{+}21}, ID98, RZHDM01, SEHS19, SJL{\textsuperscript{+}18}, SAC11]. Overlay [SCMS12, BTM06, CCL08, CW13b, EA13, JCO8, Kad20, MLBS11, Pip10, PTT12, PIP18a, RKSU08, TY11, YCX05]. overlays [AN08]. Overload [CNR19, LYDD18]. overloaded [SPJ17]. oversubscription [MC20, MCdA16]. Overview [BP94, ZG18, AT19a, AT19, AT20, AB19b, ABT20, BCP18, DGST09, FBS18, KY85, KE85, Lan00, Miz89a, ZXD09, ZHK98, WZWW18, XLW19]. Overview-based [CJS03]. Overview-oriented [LHB95]. Ownership [AMSPL19, KH8b, LCL{\textsuperscript{+}19}, RAC{\textit{A}}18, SK18].

P [Ano86i, Ano87b, Ano87c, Ano87l, JLL17, vdR87e, FK11, HAA{\textsuperscript{+}20}, KKS08, MHZK18, SdR93b, WMA{\textsuperscript{+}19}]. P-atch [LHL17]. P-CAM [SdR99]. P-DACCA [HAA{\textsuperscript{+}20}]. P-found [SSLF10]. P-GRADA [HWK18]. P-Spec [MHZK18]. P2P [AR10, BCR{\textsuperscript{+}12}, CEP19b, CsZW14, CW13b, DMZ09, FM08, FR08, G{\textit{P}}K13, GNW05, HCC{\textsuperscript{+}14}, HNK{\textit{O}}18, HDDLW13, IT05, Kim07a, LS10, LJY12, LLZ07, LQLX10, MM08, OPO13, OCCK14, PRS{\textsuperscript{+}13}, RLP12, RHMC14, SA07, SAG{\textit{L}}10, SYL18, SYQ{\textsuperscript{+}19}, WN10, WW13, WM07, YCX05, YMD{\textsuperscript{+}13}, ZZL{\textsuperscript{+}10}]. P2P-assisted [HDDLW13]. P2P-based [GD{\textit{J}}J13, SAG{\textit{L}}10]. P2P-content [BCR{\textsuperscript{+}12}]. P2P/Grid-based [YCX05]. PaaS [KKKM18, KKKM17]. paced [SYT{\textsuperscript{+}19}]. PAC{\textit{C}}hain [Ye20]. Packet [BB17, LLZ{\textsuperscript{+}19}, LZCX19, SK18].
LG MV02, MAA+19, SK12, ZT19.

PaCMAn [ESP01], padding [QHE+20].

PadicoTM [DPP03], Page
[LLZ+19, vdr87b, BRXs11, LXL+17].

Page-sharing-based [LLZ+19], PageRank
[MK19a, RCM17].

Pages
[Ano19q, Ano19n, Ano19o, Ano19r, Ano19m, Ano20n, Ano20m, Ano20u, Ano20r, Ano20n, Ano20o, Ano20s, Ano20t, Ano20v, Ano20q, Ano20x, Ano20p, Ano21j, Ano21l, Ano21k, Ano21g, Ano21h, Ano21i, Ano86i, JDW+14, Teb86, vdr86b].

Pairing
[MLC+18a, LL16, WMC19].

pairing-free [LL16].

Pairwise
[CRWZ19, His07, XZ14b, YWJ+18].

Palmprint
[BG12, CPW19].

panchromatic
[GHEB+18, Ima19].

pancreatic [XY20].

pandemic [KSS+21].

Panoramic
[ZZ21].

pansharpening [YJY+18].

Pap
[ZWH+21b].

Paper
[ECPF17a].

Papers
[TCG14, BGL08, CC11, CCLR18, Igl07, KZ17, LBR02, RW13].

para [LC13].

para-virtualized [LC13].

Parallel
[AvLR92, Aba06b, AJY15a, ABF93, AJZ+02, AMB+92, Ama88, Ama89, AKW90a, AN09g, AR98, BP20, BCL88, BMPS01, BPV+87, BJNH05, BHH+93, BHK00, BLB03, BMT10, CDG+14, CLZ18, CN92, CK20, CHHW91, CSP98, DDO+92, DFS288, EDF+10, EF00, ES94, GL05, GS05, GA06, GCK98, IMSV90, IST04, JS89, KKI14, KAP19, KX95, KU01, LOJ+07, LDSH95, Luk00, Mal94, Mal01, Mal02, Mal05, MPG96, OSHH96, PPJ95, dRdQGR+18, RZDM01, SdR99, SBS98, SG95, SM96, TCG14, TKRA14, TBD+02, Uch87, VSVd95, Vre88, WGL92, ZHHQ18, ZEO01, dSL98, Aba06a, AE GF+01, AT01, ADT03, AKW90b, dRADFG18, AS14, Bal92, BBH18, BBC+99, BC17, BK07, BPS06, BG05, BJJ+06, BGC+03, BKB18a, BGMLS17, BF20, BL92, Bon95, BSG+05, BCW01, BRM+20, BCM+95, CLP95, CGCB+12, CVT19, CPGDs+13].

parallel
[CS91, CFF92, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CG02, CKFJ06, CEGL01, CGL08, CXL+17, CFL+20, CY90, CS96, CTM006, CCHW03, dCCDFd015, CFG93, CSP13, DSt14, DDRR96, DZJ+00, DRS+97, DLW86, DOV01, Dup90, EGCF+06, EL98, ESP01, FSP02, FM10b, GVDT16, GNO01, GCCC+07, GBS10, GJS+94, Ger02, GGLD10, GHWZ94, GODM98, Gil94, GZWQ13, GC94, HH98, HHSW92, HHS98, HRSW99, HAC92, HHG05, Her91, HKT94, HLSO06, HSp03, HXL90, HZ19, HSS00, HZH16, HHLZ20, Hum92, HLZ18, HMC06, ID98, ISS+15, JB17, JL95, JYK+06, JBA94, JL03, JLY+18, JM01, JEB18, JLMR00, KDFL99, KK00, KP00, Kac00, KA09, KZL06, KSY92, KMK09, Kng00, Kos95, KMs01, KTV03, KB92, KLO2, LC04, LP01].

Paradigms
[LR01, LYW+18a, Li18, LLP+20b, LJD19, LLRS94, LSD11, LN94, LL20, LEXH20, LRM94, LSS94, MD92a, MvdV01, dAPHOMPJ20, MP02, MRV92, McC96, MGS21, MFL18, MLZ+00, MK95, NFK10, NQQL13, NOF18, OdD+13, OVDV98, OK02, OK02, Omo91, OP95, OP97, Pad92, Par06, PCG+06, PFB01, Pri05, PR14, QPTGG+12, RB93, RBC+88, RN01, RRR+18, RICW00, RS98, RML20, RCD03, SKE+08, SKP+07, Sap88, SKKF95, STP+05, SGSF01, SCH03, SHN10, SBH08, SML01, SRS98, SD02, Shi92, SL+17, SNS+20, Sin92, Sk20, SC04, ST98, ST99, SJL+18, SVN20b, SVN10b, THKG98, TAN20b, TTC+14, TF18, TMT+07, Tic93,
parallel

Parallelising [IJLC03, SLZ95].

Parallel-Operating [BG87].

Parallelisation [CBK+01].

Parallelisable [Tor13]. Parallelisation [BST+04, BPAC+01, BVDF00, LPS04, MMVS19, WJY99, BCMR01, Fah98, KC98, SMC18, vM94]. parallelized [TSR+20].

Parallelizing [GW+16, LLT20, QHE+20].

Parameter [ZL+21, BK20, CWQ+19, LWW+20, NHG02, NHG03, SNCH+13, SBA+05, SVNC+19, ZST+20].

parameter-space [NHG02, NHG03].

Parameterisation [GVD+03]. parameterizable [JCP+20].

parameterized [KHL20]. parameters [HLZ18, KSC+19, NBB18, PBT02, SWW+13]. Parametric [WT+20, NGB18].

PARDIS [Kea99]. PARDISO [SGF01, SG04].

Pareto [PS19,TZST14, SWW+17]. Pareto-based [PS19]. Paris [Ano84k]. parking [SKB20]. Parkinson [AAN+18, ARP+19, AAS17, KNR21].

PARLIB [CGS95]. PARLOG [Bal91a, DT93]. ParSA [ZSX+15]. parsing [BM00]. Parsytec [Cro95, vOB95]. part [PH94, MK16b, PZY16, PZY17, RVCC16a].

Partial [WWT+16, PBC+16, PBC+17, TBD+02, Xia06, YX18].

partially-load [PBC+16, PBC+17].

Partially [XZP+19, HKS18, Ven08].

partially-observable [Ven08].

participant [MLW+18b]. participating [TDC+14].

participation [CAB+18, EKGS14, NZOC19].

Participatory [KSS+20, LLY18].

Particle [AGMT17, Fer84].

Partitioned [PCVN21, DLXR14, HMA+21].

partitioner [DHBU02, LZ+18].

Partitioning [ATF11, kHzZwJ18, SW05, SLG+17, AB20, BW97, GGC12, GOD98, HZC+08, KMCJ20, LDK17, TJJ+20, VSSD13, WC01, WWG+19, YWC18].

partitions [SAC11]. Partridge [Ano87b].

party [CLM00, ED19, KKB18, MMT+20, OSAN19, Pol98]. Parzen [SvF+20].

PASCAL [ML+19, GDS+20]. pass [CC+19, L+18]. passage [BDH06].

Passing [DKD08, Ber98, BFR99, Cu10a, Gor02, GSC+19, Kac00, Kal94, LSH95].

passive [BGC19b, CSZ+14, DD05, dTGC20].

password [GWO03].

password [H20, IOV+18, LZW18, MZL+19, ZFWA18].

password-based [H20, IOV+18].

Past [AGMT17, Fer84].

PAT [WIS+18]. patch [ZXX+20].

patch-based [ZXX+20].

patchable [GHK18]. Path [AHE17, CZG12, PCH+20, ADK10, AB20, Che13a, DvHGDL09, DLev07, IdA19, KDE04, KN10, KHB20, LGW+21, Luk89, Mar02, NJHT11, DLS14, SJR13].
LPD+13, LGKA21, LOK09, LZHY19, MLC+11, MYBBM18, MGGG+20, MM03, MLZ+00, NBB20, Par04, PIP18b, RKSU08, RPMG10, SI18, Shi04, SD03, SG14, SvAS01, SK06, TDF07, TDC+20, UCO20, VMV20, VRS+19, VSV95, WDJC18, WYJ+19, Wt00, Wir19, WXGM18, Yam92, dOOO+13, dSLW8, Aba09, Ab01, AIP07, AkBAl+19, ADKS06, ACU95, AMW99, AB95, AKB18b, ACG+20b, ASB18, AIME+18, BL98, BARMB14, BDA19, BFS+17a, BFS+17b, BK20, BBC+99, BC17, Ber96],

**performance** [BCS99, Bhn95, Bis94, BS09, BGC+03, BGML17, BRHH18, CRE01, CN17, CSW06, CCP+20, CCRV13, CWD+08, CKFJ06, CSG+18, CW13a, CCW+20c, CLP+14, CS12, CFAA+20, CKW21, DCS+07, DCBH19, DRS+07, DSH17, DLH+20, DGCBH+17, Do09, DMS09, ET08, EP13, FD02, FSM+18a, FJ00, FJT01, FP18, FDSC07, GSARS20, GVDV16, GAFGFO12, GNOY01, GS13, GJJ13, GVI13, GC011, GLNT13, GAMC19, GEAR13, GPMG18, GHH+20, GIK18, GGH+06, GGSZ09, GJKP18, GG10, GAB+96, HD05, HAF+16, HWSH92, HDC+94, HAЕ+03, HO02, HPT10, HMK+06, HWSL18, JAA09, JCL18, KDP16, Ka94, KZL06, KMB+17, KBVH14, Kha12, KAK20, KSAK08, KMB+02, KK07, KHES21, KPM+18, KSC+19, KCV11, KK+14, KBTM21, KS17b, KAEC+18, KB92, Lau01, LSLS05, Lee04, LGW07, LB09, LRJ+17, LSD+17, LLT+19, LQW+20, LHX+18, LHF+15, LSR02],

**performance** [LM90b, MJM+16, MH01, MYW+19, MAJD18, MBMTJR18, MKH06, MI01, MKH13, MD12, MSBA16, MSM+18a, MFL18, MOK06, MDT+18, MEC+20, MRD10, MWMA10, NNAR19, OG18, OGO+20, OF07, OKF10, OP97, OS01, PLZ19, PWV+21, PS10, PH99, PSL19, PMBS14, PSP+09, PH94, PKA19, PDDS10, QWCW19, RSV90, RMJ+18, RS16, RLL+17, Rvu03b, RS01, dRCRC120, RS94, RKB18, RZDM01, RLML20, RCTY19, SPMC10, SEH99, STH+98, SGFS01, SB97, Sch03, SHN10, SKG10, See20, SEMJ11, SDZ+20, SK20b, SEPV19, SSI19, SPRA21, SSZ13, SBA+17, Ste94, SPCR97, SSP17, SCH+19, SVN10b, TLT10, Tao10, TMDZ15, Tbd16, TiuS+19, Ts08, TBNF09, Tur18, VSM02, VPB03, WJS+18, WMY+18, WZWC18, WBFO8, Wt94, WSH99, WHW17, WCC+09, XTF+19, XZK+20, XDHL12, YJA03, YZLQ14, YK20a, YYYK20, ZG19, ZMP10, ZN12, ZY+18, ZLTY19],

**performances** [CGI14, GIM16, SAH19, UNM+16],

**performing** [CEJK94, SOD18],

**perimeter** [RR18],

**perimeters** [DDR+07],

**periodic** [TA19],

**period** [TODV1],

**periodic** [IA18],

**periodicity** [SO19],

**periods** [CL20a],

**PERMIS** [CO03],

**permission** [AAS+20, CCH21, LXZ+18, MRL14],

**permission-based** [CCH21],

**permitted** [HSGY20],

**permissions** [KKA18],

**permutation** [ABMESM18, HLL+20, XYL+20],

**perpetual** [RA12],

**persistance** [MEW+19],

**Persistant** [CSYY18, TQ20, ZCW20, ALL+18, BCB+20, GHP+18, XHW20, YZC+20, ZSP17],

**Personal** [EHMS00, GTCZG+18, RAO17, WLP18, ALL+18, BMBE20, HCC+14, ILU03, KZAI11, LWF+17, WAL94, XCH+19, SRR18, LHL15, PSL+06],

**personalisation** [SCN+14],

**personalitie** [PNH99],

**personality** [GSMF20],

**personalization**
[APR+19, FYH15, MVG18]. **Personalized** [CT19c, NWD+18, ZCH+17, BJ12, BAGR8+20, CHZ+20, GJ18, HJW+20, LG08, MKK+20, OOB+21, PARMF14, PP20, WWH+19, WMA18, WLS+18, ZZJ16, ZSGJ19]. **personnel** [CLS19a].

**perspective** [Aig86, BDH14, GVGB17, GSKS20, GTG+21, HDC+94, HPS97, HQ07, HQ10, KOB92, LPL+20, Mur95, RMA+20, SSK+08, Sun20, TBR+19, Wai94, WWR16, Wil86, WZ16]. **Perspectives** [LPC+95, Nar86, SBB+10, SRCR97, AC10, Baas87, KKVdB+17, PT05].

**Pervasive** [AT18b, CMA11, DAAW20, RA+19, YMS20a, CPJJ13, CC11, CD08, HZC+08, Kol18, LGKA21, NDZ+18a, NDZ+18b, NDZ+19, OB17, Pal13, SCP+21, SCN+14, SMM+14, YMS20b, ZGZ+10]. **Pessimistic** [LM12]. **PESYS** [DW87]. **pet** [KS18d]. **peta** [LSH+11]. **peta-scale** [LSH+11]. **petabyte** [KLW+18]. **Peter** [Aso86i, Fa02]. **Phenomenon** [Mar99b, RMHCMG15].

**Phase** [HK1+19, KI89, PM14, BG12, CEGL01, Fre94, FM10b, HZP+14, HZ19, JPL5, WP20, LZH+20, Mur86, ST20b, TC92, WH19]. **phase-based** [FM10b]. **phase-difference** [BG12]. **phased** [AWN+17]. **phases** [KRZ12]. **Phenomena** [BK98, BMP01, CC19, DS99, KCT99, SW99]. **Phenomenon** [Szm01, TDLT20]. **phenomenics** [PAC17].

**Phenotype** [MS03]. **Phenylum** [DRS04].

**PHESS** [SA19]. **PHEVs** [JKS20b]. **PHFS** [KIS11].

**photodynamic** [ZMZ+19, ZMZ+20]. **photodynamic** [XKJ+18]. **photography** [DJJ+18]. **photonic** [GGH+03, GMM+09, HAE+03, WD16, ZLD+03, MNC+03].

**Photoplethysmogram** [RAA+19]. **phylogenetic** [dOOO+13]. **phylogenomic** [dOOO+13]. **Physical** [CFH19, DAAW20, GMM18, HLV+16, IDM+20, Kho21a, KVCY20, LWW+16, LGKA21, RCJZ+20, SSH+19, SWW+20, YLV+20, ZGZ+20, AAS+20, AAM+19, AAM+19, BD16, BK16, CD+20, CM17, CLQ20, DWJM18, EAD18, EG18, GBV17, GAW+18, GHD19, GMP+17, HLM19, HAAR+19, JSV21, JHC10, KJY12, KB16, LLS+14, LSL+15, LLG+19, LLY+16, LCLA21, MLWA20, MFF19, NLM+16, OF17, OA17, PKF14, PDT+19, RPP+20, RV+16, RV16, SVN+20, SMS14, SZK16, Sko19, SZD+17, SM18, SSC04, TCMV20, TDL+21, VL19, WLM+16, WGLH20, XZJ+20, XLZ18, XZK+20, XWW+20, YXYH30, YSM16, YZL+20, ZXL+20, APCR16, Zhu14]. **physically** [SGL99, VJC03]. **Physics** [LBB+09, ABB+03, HJM+19, MDD89, Par06].

**Physics-based** [HJM+19]. **Physiological** [GGH+19]. **P1** [SNM+20]. **PICADOR** [BGP+17]. **PICEA** [PKR21]. **PICEA-g-based** [PKR21]. **PiCo** [MDT+18]. **Picos** [YAJG+15].

**picture** [Fuk85, LYZC15, RM19]. **pictures** [SKF+09, WM14]. **PID** [dSFD+19]. **PID-inspired** [dSFD+19]. **PIE64** [HKT94]. **piecewise** [GZ18]. **pillar** [RHH+19].

**pillbox** [HZM14]. **pilot** [Mar99b, RMHCMG15]. **Pinatubo** [CDS05]. **pinning** [KEAC+18]. **PIOMT** [ABA06]. **PIPE** [CBD+05]. **Pipeline** [PPG19, KN10, SDGC+20, ZZJ17]. **HRR+14**. **Pipeline-integrity** [PPG19]. **pipelined** [PHL98, PWCX17, WLF+09]. **pipelines** [MDT+18]. **pipelining** [TW120].

**pipsCloud** [WMY+18]. **Pixel** [XTL+19, PKD10]. **Pixel-wise** [XTL+19].
Pkg2Vec [MTM21]. PKI
[GM03, JLX+19, QHW+20, Var00]. PKIX
[JLU03]. PKIX-based [JLU03]. place
[PWMX17]. placement
[AD19, ATZP21, AK14, ACK+15, BBB+19,
CCL+20, CRTN17, EBCP18, GLJ19,
HHB21, LLWW18, LWTI19b, LZLY20,
LWZ18, LPBB+18, Low05, MLG13, MVI12,
Man20, MDD15, PGHS20, Pon19,
SMBM+18, SO98, TZLL18, TMW+17,
TMMVL12, WHW20, XWD20, YPLL17,
YLYC19, ZWH17, ZLI+16]. Placing
[HZ19, KN10]. plagiarism [AIP+19]. plan
[ABZK15, LWS+12]. Planck [TMV+07].
Plane [MECFD20, CBBD16, GZLZ16,
HYG+19, HYI+20, LLW+19c]. planes
[Mamo09]. planned [KY85]. Planning
[WTM+17, AM08, AFQ91, AFQ+92,
BA17, CMB17, CYJ19, DCC+14, HYRZ20,
KDE04, Mar02, OS92, PPG+20, RN04,
SSHC19, SA14, TLXK21, XCZ+19,
ZWW19]. plant
[ABAJ20, Hrn98, MAE89, PAC+17, Suz89].
plants [Han89]. plasma [BVDF00].
plasmas [GP94]. plastic [Ned06].
Platform [GC00, GPS+17, PECA19, SV16,
AMQS+19, ABB+19a, AAA+19, AAI+19,
BCCS20, CWQ+19, CVKH12, CGFC20,
CGSV17, CW93, CSQ17, DDV92,
DVVD02, DBA98, EET20, Fau05, FPP+18,
FCD+14, FSP+18, GRR20, GTMZ17,
HCB+20, JNS+19, JCA+19, KS19,
KSC+19, KGS+19, KKS+18a, KKK17,
KKKM18, LYJ10, LFFQ21, LC14, LSH+11,
LXL+19, LWHS07, LLW+18b, MAC+21,
MAD+16, NV11, NKB19, NDZ+18a,
NDZ+18b, NDZ+19, ONK+20, PWB+13,
PPLL17, QZD+18, RBLD21, RAA+20,
SAGGB17, SVF4A20, SBHD08, SA19,
SBD+18, TKA+18a, TSGVRG19, TCM+14,
TCB+17, VF18, WTK07, WQG15, WCC+16,
WZW19b, XFL16, XY20, YWL+17,
YLKK20, ZKD21, ZZBP19, Zha20, ZJWZ04,
DSK+19, dIVGSB+20, CLM+16].
Platform-as-a-Service [CLM+16].
platform-independent [dIVGSB+20].
platforms [USA19, BYV+09, âCKPM19,
CCT13, CA15, DSC20, DHL+18, HA16,
HAI8, HBB21, HPP20, KMK+14, LCH+11,
LOR+18, LLW+18a, LRZ+18, LZZ16, MI01,
MCdA16, NNC+19, NSY20, FPS18,
PDT21, PPA18, RML+19, RB18, SB16,
SBP+17, SG15, TLP+20, YAZ+20, ZCL+14,
ZXD+20, ZZQ+13, dSN19]. play
[dRRRR+18, WXYL15]. playground
[GGW+09]. Playing [Mâr17]. PLC
[KK17+18]. Plethora [ALR+20]. PLFG
[Tau02b]. plot [ARP+19]. plot-based
[ARP+19]. Plug
[MS01, CCDS08, dRRRR+18].
plug-and-play [dRRRR+18]. plug-in
[CCDS08]. Plug-ins [MS01]. plumes
[Sh16]. plus [BS96, CBY90]. PM
[WBFO8, XTL+19]. PMC [BBC+12].
PMC-based [BBC+12].
PMCommunication [STH+98]. PMI
[TLC+15]. PMKT [MMM+20]. PMSM
[VS19]. pneumatic [LZZX20]. PODOS
[VSM02]. POI [LH20]. Point
[KPP19, WAE06, CFVP03, CWL+19,
FGG03, Fio06, HMLS20, JXZ+19, LWSY18,
LW18b, Ram95, SKF+11, WGW+20,
XWL+18, WTX+02]. point-of-interest
[HMLS20, JXZ+19, LWSY18, LW18b].
pointer [KP12, KPP19]. pointing [MKS18].
Points [YZZC19, DNM17, LZL19b].
Poisonedwater [WN10]. Poisson
[LL18a]. PoKeMon [FZW+18]. polar
[SLH+20]. polarizabilities [Tor04].
polarized [AR20]. pole [Var03]. policies
[ACD+20, ADB018, BFP18, CSC+18,
CF21, DZ04, DT16, EPB18, KDG+19,
Lea13, LHM14, LHC03, MG14, MVC+13,
PZA18, SMS18]. Policy
[Baa87, CGFC20, NS12, Rao17, SME+21,
SVK9, ABA09, AEK+18, BKH20, BBI13,
DG21, DLH+17, FS18, GCTLA+19, HY09,
HZL18a, Hua10, JFZL17, JSMG18, LL04c,
Policy-based
[CGFC20, GCTLA+19, VVC+03],
policy-hidden [XZP+19],
[CHC].

Popularity-based
[PRF20, HS19].

Pools
[TX14].

Polynomials
[XLL18b, YBQ07, LAL].

Porting
[HCW03, ESPN17].

Positive
[CCL08, ABM19, BSE].

Possession
[Che13b, GZQ+19, SYY+17, YZN+15].

Possible
[MAB+20].

Post-processing
[OBAY20],
post-production
[BDMO11].

Post-quantum
[SK20a].

Posts
[AYHA20, HO17, NO19].

Posture
[KLC05, TMB+19].

Postures
[SG20].

Potency
[RZH21].

Potential
[WZH+19, ABD+19, AAC+19, JZL+20, KPS18, LHZ+18, MKS18, WLYL11].

Potentials
[DMMP98].

£14.95 [vdR87d].

£19.95 [Ano87c].

£22.50 [vdR87d].

£25 [vdR87a].

£25.00 [Ano87b].

£29.95 [Ano87].

£40 [vdR87b].

£7.90 [Ano86].

Poverty
[WZT+20].

Poverty-stricken
[WZT+20].

Power
[ADAAD12, AAM+16, AEME+18, CLLC12, KESL17, KAEC+18, LLC14a, MP17, PZA18, Par90, SEDC18, TKA18b, XLL+19c, ZLXH20, ZZBZ19].

Power/Efficiency
[BDGG+20].

Power/Efficient
[AAM+16, LLC12].

Power-Performance
[KAEC+18].

Power/Rate
[KCM19].

POWER
[BDGG+20].

Powered
[TAB+18, CFMC19, GDS18, GCZ+19, PSW+14, ZGY20, ZLXH20, ZZZB19].

Powerful
[CCL08, ABM19, BSE+13, Pud87].

PP
[Zem86, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j, WZML18, vdR87c, vdR87g, vdR87h].

PPDCA
[MSV+20].

PPDP
[ZZXL18].

PPFSCADA
Predicting [RGM+19]. PRAMs [BHD09, KS19, TIHT14]. practices [HCL07, SR12, YNL+18]. pre-caching [ZCQ+16]. pre-fetching [GrI19]. pre-ordered [GrP20]. predicate [WML17]. Predictive [GMT+19]. Predictive-based [MTD18]. predictions [AMT+19, CRTN17, ET08, NF13, ZSI08]. Predictive [BMP+16, FHM+99, HBSG21, JYZ+19, TAM21, LBD18, ML19, NJH+18]. predictor [XHY+18, LYZ+20]. predictors [MBPdS20]. preemptible [GdC19]. pre-operative [CLR18, XHY+19, YLY+19]. preface [AR12, Fis00, Her90, KJ12, LLH13a, LSHW17, Miz99, Par91, Rus90a, Sle14, Slo05a, XKC13]. Preference [ZcC14, MTD18, SR19, ZL18]. Preference-based [ZC14]. preferences [BCF16, LLY18, MCE19, MBL+19, OAMS18]. Preferred [LY+19]. Preliminary [LZ+19]. Predictability [Mid01, BVFG15, McC96]. Predictable [BVFG16, LYQ06, MWVPB12, SWW+20]. Predicting [BDA19, CND+19, FAAS20, GSMF20, MAJD18, MMB+18, SPSP17, DRC+19, LLY+19, LQW+20, WQG15, YWL19]. Prediction [PN09, ACML05, AFSh+18, AQR+18, ADA+19, AMK18, AK18a, BMR15, BZHV19, BBM10, BGC+03, BAR21, BB19a, BBMC20, BKO6, CHWW13, CGV10, CSW06, CL20a, CKL20, CSL17, CAL+18, CSL19, CSY+20, CFD+20, CWM+20, CLQS20, CCW+20, CYH20, CGM+18, CRWZ19, DMZ12, DWZ20, DldM10, DLS+12, FEAI9, GAW+18, GDP20, GSP+17, GP11, GAA19, HPZL18, HUY+19, HSV+17, HHS+18, IKLL12, JKS+06, JHC18, JLY+18, Jun18, KXS+16, KLJS19, KCY+21, KLY+18, KSL18c, Kyr19, LWSY18, LMCE19, LCY+19b, LJW+19b, MZL+17, MID16, MCT+15, MLP+16, MFP+16, MQL+19, MWL+20, MOW+20, MBD+20, NWD+18, PSI19, PNFJ13, POMK20, PKO4, PTD+18, PCG+20, PHTZ+20, QHNL21, RGAT18, RDKA19, RLP12, RCW+19, dRRC20, SYG+20, SMRM13, SL11, SRP19, SPRA21, TMT+07, TYYW18, VS04, VS19, WCY+17, WYL+18, WWS20, XHL+19, YLB+21, YZL+20, YLY+19, YHY+19, ZZL18]. prediction [ZBP19, ZWL20, ZL21, ZPQH21, ZKB20, ZZB19, ZWH19, ZLL14, VVB15, FGG13].
preprocessing  
[CGM+07, MCSA18, RHKC15].  
Preprocessor [VOV17]. prescribed  
[CDL03]. prescription [HIA+18b].  
presence [KSHP16, MFT+17, RBLvM14].  
Present [Abe84, AGMT17, Fer84, Bis94].  
presentation [Zna94]. preservation  
[BKM03, HRC19, HBH09, KRZ+19.  
PLW+19, SYA19, SCZ+20, XXQ+19].  
preserved [CRYG18, ZCL+19].  
Preserving  
[TPF+20, TS0B15, WQHX20, YDN16,  
AYY+20, ALL+18, BYR+20, BKH20.  
BDM+20, CZ12, DHW+17, EL03, FTA+14.  
FH13, FXG+19, FLL+19, FRZ19, GQXL18.  
GAI+18, GSR+19, GJC+20, HLT+21,  
IOV+18, JCMPPC+18, JYY+17, JLC18.  
JLX+19, KKB18, KK20, KC19a, KLMB19.  
KH18b, LLC+14b, LCL+16, LLH+17,  
LYY+18, LLY+18, LXMW15, LLM+16.  
LDY+18, LNY+18, LLY+20, LLAW17.  
MML+18, MQL+19, MBGC20, NK17.  
NNUV20, NLS19, PSY+19, QZD+18.  
QMCX20, QHNL21, QGX18, RBA17.  
SYYuR21, SYY+17, SLW11, SLL+17.  
TOM+20, TAY+18, UM02, VCD+18.  
Wan18b, WDHY20, XCS+18, XZZ+20b.  
XWW+20, YLN15, YZG+18, YZL+19.  
YCXW18, YHH+19, ZYK17, ZZL18.  
ZZX+19, ZWW+20a, ZPQH21, ZCDV19.  
ZRZ+14, MMM+20].  
Press  
[TeB86, Zad87, vdR87i, vdR87j]. pressure  
[AMT+21, DMN+05, RAA+19]. pretense  
[NNC+19]. preterm [PSI19]. prevalence  
[RAKJ18]. prevent [LTN10, NNUV20].  
Preventing  
[WTTH19, FLG+20, SM18, TWG+19].  
Prevention  
[Sha20, HA19, KIAD17, SMF+19].  
prevention-based [SMF+19]. preventive  
[PPMM+18]. PREVISE [dLLA93]. prey  
[Dho20]. Price  
[An086i, Ano87b, Ano87c, Ano87l, CLRL18.  
CDP20b, FEÀ19, GGLW18, JTB13, JHC18.  
SSHC19, WBR19, ZL21, vdR87b, vdR87a,  
vDR87d, vDR87f, vDR87i, vDR87j]. prices  
[HZL+20]. Pricing  
[CDP20c, ADA+19, CLY+20, DVB14.  
DEG+17, JBR+16, LQYL21, LZ+20.  
RA12, SKB20, SVB07, Vou09, WZW+20.  
YJL18, YVCB10, XZ218, GVA+16].  
Primary [Elg20]. primitives  
[BH13, BDFP05]. principal [MZYA19].  
Principles [DHS00a, VRGR16, DK00.  
GIl94, GS15, PO00, Pap05, WrBGC94]. print  
[KLH+04]. printed [YCI19]. priori  
[GL04a]. priorities [GS13]. prioritization  
[CDP20a, CdO20, FD95, SRN+18].  
Prioritized [WBT+08, GMP20h, YH19].  
priority [AS18a, CBACA15, DSC18.  
RJJ+20, VAdIP12, ZZC19]. priority-based [RJJ+20, ZZC19]. Privacy  
[AWYJ16, ACC+19a, ABB+19a, AHH21.  
AYY+20, ALL+18, BKH20, CBC+19.  
CRYG18, FTA+14, FRZ19, GQXL18.  
HRC19, JYY+17, JLC18, KK20, KH18b.  
LLC+14b, LLY+18, LL218, LLG18.  
LLY+20, LLAW17, MHZK18, MQL+19.  
NHY20, NK17, Opp00, PMBS14, PSY+19.  
QHNL21, QGX18, SAK19, TAS+18, WSN18.  
XDWL15, XZZ+20b, XWW+20, YDN16.  
YZG+18, YDK20, ZYK17, ZPQH21.  
ZWS+12, ZCL+19, ACL+18, AdVAGF18.  
AIA+18b, ACD+20, AM10, AP20, BYR+20.  
BDM+20, CD16, CCH21, DA18, DGY+18.  
FH13, FXG+19, FLL+19, GAI+18, GBK18.  
GLD+19b, GJC+20, GLWP20, GSN+18.  
HAI+19, HHW+19, HHK+16, HPL+19.  
IOV+18, JCMPPC+18, JLC18, KKB18.  
KYB+19, KRZ+19, KCB19a, KLMB19.  
LCL+16, LLH+17, LLY+19a, LLW+19a.  
LMW15, LLM+16, LSHW17, LYD+18.  
LNY+18, LRBW17, MML+18, MRR+20.  
MPP+21, NJB19, NWMG17, NNUV20.  
NLS19, PARMF14, PLW+19, QZD+18.  
QMCX20, RHH+16, RBA17, SMKC20.  
STK20, SYYuR21, SYA19, SYY+17.  
SCZ+20, SCL14]. privacy
[SCZ+14, SLW11, SCH+17, SLL+17, TOM+20, TBR+19, TG20, VCD+18, Wan18b, WZE19, WMD+20, QWHX20, WFL+20, WHZ+20, WLD+20b, XCS+18, XXQ+18, XCSF20, YL20a, YL15, YZW+18, YXA+18, YZL+19, YCXW18, YKO17, ZCLW18, ZZX18, ZCYZ18, ZLT+19, ZZX+19, ZZW+20a, ZCDV19, ZRX+14, FW19, MMD+20].

Privacy-aware
[MHZK18, DA18, SCH+17, XCSF20].
Privacy-based
[LLGY18].
Privacy-friendly
[ABB+19a].
privacy-preservation
[KRZ+19].
Privacy-preserved
[CRYG18, ZCL+19].
Privacy-Preserving
[YDNV16, AYY+20, ALL+18, BKHD20, FRZ19, GQXL18, JLX+19, KH18b, LLC+14b, LLY+18, LLY+20, LLLW17, MQ1+19, PSY+19, QWN12, QG1X18, TAS+18, XZZ+20b, XWW+20, YZG+18, ZYK17, ZPQH21, BYR+20, BDM+20, GAI+18, JLCl18, KC19a, KLMB19, LCL+16, LLH+17, LXMW15, LLM+16, LDY+18, LNY+18, MML+18, NUV20, QZD+18, QMC20, SYYuR21, SYY+17, Wan18b, XCS+18, YLZ+19, YCXW18, ZZX18, ZZX+19, ZCDV19, MMD+20].
Privacy-protected
[WSN18].
privacy-protecting
[CD16].
privacy-utility
[AP20].
Privacy/performance
[PMBS14].
Private
[RBlvM14, XZZ+20a, Yye20, BDCC19, CLL+14, FDP17, GSL12, HYF18, JGL+20, KTY03, KKL11, LGT+20, LYY+20b, Nag86a, MBS14, SGGK10, TGA20, WLL+19a, ZLXZ18, XZL+20a].

privatized
[SB17b].
PrivBox
[ABH18].
privilege
[CO03, QRW+18, XWRZ19].
PRNU
[VOCHC17].
PRNU-based
[VOCHC17].
Proactive
[BEB+20, BEM+20, GHYK18, KA21, LW18a, NHH+19, QGT+18, WZML18, ZAH+20, ABDH19, CdRRdB19, KAW12, LMA+19, NJH+18, RSSL22, SC19].

Probabilistic
[AB19c, HAA+20, LZ20a, MK95, RT16, SGBK19, AC92, Bag16, Bag19, Ban05, EMM12, LZJL19, SB18, WPY19, WLZ+20].
probabilities
[DK14].
Probability
[HLC16, LYY+18].
Probability-based
[HLC16].
Problem
[Jon00, Pad92, WH19, YPF05, ABM18, ABM20, AK18a, BMY10, BJ+05, Bp11, BHRT98, CSC+05, CGH04, CD99, CRM05, De06, VC13, DC19, DZX20, DOV01, DSC18, EPJ+05, GMM18, HXWW18, KKS08, KPS18, Kos00, LZCGMV20, LEHX20, MC00, NMC05, OVDV98, OB19, Prz03, yQHJ20, SJE13, SMK05, SK18, SV15, TRFR01, TV16, Tref03, VDPH20, WH05, WHL16, WAE06, ZS05b, ZAP05, tTvH96, vdV89a, Smi01, VAS95].

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

Problems
[Nit86, SGG17, Van87a, BCMR01, BM20, BS04, BV04, CMT16, CTM006, Dat03, DHD89, DR03, ED04, FFPS10, GOLL19, Hu89, JNR01, LPS19, MECRF20, MGMT18, MR04a, MKK03, HB04, Ned06, PK+05, RGH+01, SKT+01, SCR20, Sch03, SJ12, Tab06, THK99, VFS10, WWX17, XA10, XRPT18, YDD+18, ZRZL18, ZTF17, ZE098, ZEO01].

procedural
[BMFC07].

procedure
[AS19a, FCW01, LYS12].

procedures
[RB12, dLLA93].

Proceedings
[Rho89].

Process
[ANG+19, SJV+15, BBL+05, BGRBA19, CLP95, CRVZ15, CCC16, CAS+18, Cur92, DV90, DLZ+14, EG18, FJ00, HAAH05, HX+18, JXZ+19, KYZ19, LZZ18a, LWS+12, LHW+18, LCCM18, MKM11, Niw89, ODET21, PTD+18, dRRQGR+18, SGY+07, SSS19b, THHT14, WZ16, WLLC20, YSC+19, YJL+19, ZMS+06, ZTC20].

process-based
[LHW+18].

process-independent
[EG18].
process-level [CLP95]. processed [De 88]. processes
[BaG16, BMS01, BKg+20, BBT19, BKB18a, BDNN02, CM01, CHSA18, EL98, Gue01, HW95, LDJL19, LDGS20, Mis92, MAB+15, PSHW20, SKT02, WMLS14, YDL+20].

Processing [BE8+20, CLNR18, DOR+21, FMD99, HCB16, LJ17a, LL20, MLBS11, WXGM18, XWM20, YZ18, ATH+19, AdAHK20, ACC20, Ano86j, ADLM18, dRADFG18, BKB11, BVFGSF20, BHL+21, BMBC20, CHG+20, CQW+19, CMX+16, CLZ18, CWB+20, CN92, CLDC19, Chv87, CEJK94, CGM+18, CBbdL16, DMR93, DF97, EFD00, EMHE18, EMHE21, FPR18, GXW+19, GCCIV20, GP09, HB19, Her87, HRVW18, Hsu14, HZ19, HJK20, JSZ+19, KKI14, Kim8, KYPJ20, Kob92, KVHT10, KE85, LZY+19a, LGH97, LKM14, LGW+17, LH07, LKO8, LHW+18, LRC+18, LJW+19a, LM00a, LWR+19, MLC18b, MTD18, MAPA19, MDM+19, NMZC06, ONHT89, OMKM+19, OHAV20, PK99, PKY+17, PPS18, PPS+18, QNM+19, Ref87, SDGCB+20, Sap88, SL87, STC5, Sle14, SSL13, SD03, SRR+18, TWZ18, Tic03, TDBR18, VEET18, VM20, WPGN+18, WZ+19a, WWCN13, WMY+18, WZy+19, WdL16, WLW+19].

processing [WWZ+19, XB14, XKK20, XTF+19, XLL+20b, YYK20, ZBTV+20, ZYB+18, ZFS+18, ZQB+18, ZHL20, ZEO98, ZSB91, vdR86b, ZSP17]. Processing-as-a-Service [HB19].

Processor [VV92, XHY+90, AG92, DuI89, GS15, Goo01, Goo02, JCSS01, LC03, LMH+09, MRN19, MW12, Ser98, WWZC19, DFSZ88, Geo02].

processors [ASW11, ADH+16, BVFGWA15, BFR05, DFR0, FD95, GVA+16, KRI4, Li18, LG16b, PAB+14, PPGS20, SD6, SCK+00, WSH+16, WRL18, XLX+21, YDT19].

ProCoS [BH91, BHH92]. Procrustes [Tre03]. procurement [VVB15]. produce
JLQ18, JPW20, JF05, Kom89b, LP01, LLP+20h, Luk89, MD92a, McC96, MGS21, MS01, MK95, NF13, OBK88, Oku92, RCLEB20, RMA+20, SSKF95, SFRI5, SHJ06, WWC14, WM14, WDD00, WHYZ17, WB90, YLG+16, YDQC19, ZME+15, vdR87h, vdR87j). Programs [ABF93, DDO+92, BP01, CLP95, CRE01, CY90, CAB+18, De 88, FSP02, FJ00, JCSS01, Kac00, KTV03, LTOT07, LRMCF94, Mal94, Reu03b, RCD03, TDC+14, VP94, WWZC19, ZT90, ZT91, Zha93, ZS90].

Progress [HV84, WGX18, WWZC19, ZT90, ZS90].

Progressive [BBD10, CCK07, VS04].

Programs [AGBR19, WSN18].

Promoting [FdSC07].

promising [WFA20].

Protection [KHL20].

Protection [AIM+19, HLvL+97, LRML21, AHN21, AIA+18b, ELAEAVAM19, HZW+18, HXXL13, HAAR+19, HPL+19, KYB+19, LTT912, LLW+19, LZL+12, OPP00, PVSS17, RS17b, TMH19, WDJC19, WHZ+20, WWZ+20, WLD+20b, XWRZ19, ZZY+19].

protein [BORM07, CGV10, CCG07, DCK03, DNJG17, MMVS19, SSLF19].

properties [Ban05, DA16, DDM21, GL20, IS06, KJI11, LS05, NCS04, SHT+21, SAM+19].

proportionality [MC20].

proportions [kHsZwJW18].

proposals [SCAC+19, dCRL+19].

prospect [CPE+17, Kaw92].

Prospects [TS99, Fer84, HRC19].

prostate [LYH+21].

protected [AGBR19, WSN18].

Protecting [CYW+19, EHMS00, Sip12, SK21, SSB13, YZJ+20, CD16, CG21, HHW+19, TBR+19].

Protection [AIM+19, HLvL+97, LRML21, AHN21, AIA+18b, ELAEAVAM19, HZW+18, HXXL13, HAAR+19, HPL+19, KYB+19, LTT912, LLW+19, LZL+12, OPP00, PVSS17, RS17b, TMH19, WDJC19, WHZ+20, WWZ+20, WLD+20b, XWRZ19, ZZY+19].

protein [BORM07, CGV10, CCG07, DCK03, DNJG17, MMVS19, SSLF19].

promising [WFA20].

promote [Mat18].

Promoting [FdsC07].

promotion [KHL20].

promotion/demotion [KHL20].

prone [AGKZ18].

Proof [FZC+20, LTC+19, LNY+18, MD92b, SOM+19, WHJ20].

Proof-of-Activity [LTC+19].

Proof-of-negotiation [FZC+20].

proofing [CIB+20].

Propagation [CSZW14, SKS+18, FX10, GKI05, GCK98, LBN14, OAI7, TM05, WWSL19, WTT19, XHL+19].

propelling [Suz89].

proper [SMBM+18].

properties [Ban05, DA16, DDM21, GL20, IS06, KJI11, LS05, NCS04, SHT+21, SAM+19].

proportional [LL04c, NP06].

proportional-share [NP06].
WWVJ17, ZY90, ZCW+04]. prototyping [GMD19, XWW19]. PROUD [BKHD20].

PROV [MBGC20]. prova [GMB19].

provable [GZQ+19, WXYL15]. Provably [ODK+17, WWW+19, Wan19, ECE+19, GPA96, KLW+17, TX14]. provably-secure [ECE+19].

Provenance [GCM+11, GM11, GMF+20, Mil11, MCF+11, SB11, Atdc+16, ABG17, Asu13, BCB+20, CPA14, CLD18, CMD+14, DCMB15, DMMC11, FKOC11, GSR+19, HMM18, IHK+18, LCHW14, LLCF11, LFH+15, MSS+13, MG11, MBGC20, SGM11, SSC+20, WLF+09, WHW17, XFTZ16].

provenance-based [GSR+19]. provers [Sti93]. provide [BMZdP21, CMF+21, MK04, dSGD19].

Provider [GvdBdL15, PVA+20, BMU16, CLM+16, GKS20, GBRM18, IGB+14, PRSR14].

Providers [ABTA18, FMN+17, SS17, AM19b, CMB17, CAC+15, CBLS13, FG14, LLY+18, MG14, MHA09, QMCX20, SSRQ19, SKS17, TMMVL12, YDQC19, ZAH+20]. Providing [CCCT14, MLM16, BBC+17, KV09].

Proving [FTM20, RB12, Sti93]. provision [FWB13a, GPVN19, KSM+07a, KSM+07b, Mat18, SKH20, WLZ+16, YKL+07, ZZH+16].

provisioned [ABN17, MG10]. provisioner [JNR12].

Provisioning [MMVP13, MBV+15, AK19, AAAQJ+18, Ano12r, BKKM11, CVKB12, CVT19, CFVP12, CBS17, FEÁ19, FSM+18a, GAJP18, HCl7, HSBE19, HB19, HWQ+20, IDCJ11, IKLL12, ISS+15, KPA17, KHH21, KMK+14, Len16, LBGL20, LSYC18, MJDN15, MKT09, NGCB20, PDH18, PS19, PN09, RML+19, RBN13, RP18, dRRR+18, SBAD+18, SGJ18, SPSP17, SSK13, SLJ+06, SLB+17, SLZ+18, TKR+15, TSB18, TSB20, VHMVL11, VCKB12, VOS12, XTT18].

proximal [HHK18]. proximity [Alp18, GDJ+13, LLAW17, WWVJ17, YCXW18]. proximity-aware [GDJ+13]. Proxy [LAL+15, ADM06, BGP+17, HCZW17, HYF18, LYFZ20, LL16, PAL+19, TX14, TYH04, Wan18a, ZD+16, ZWLC21].

pruning [NY17]. PS [XRP18].

PS-CTPSO [XRPT18]. PSE [Hua05].

PSEE [LS94]. PSEs [VR05]. Pseudo [LZCX19, HNV+20, RNR18, Tan02b].

pseudo-IDLists [HNV+20]. pseudo-random [Tan02b]. Pseudonym [ACC+19a]. Pseudorandom [GZ04, BGC19b]. pseudospectra [BKG05].

PSNet [LJW+20]. PSO [LZL+19a, MYM+21, SGRT19, TLKX21, ZWL13].

PSO-based [MYM+21, SGRT19].

PSO-SVR [LZL+19a]. psychology [AC16].

PTAS [JLX+19]. PTCP [RWJ+20].

pub [HBB12]. pub/sub [HBB12].

Public [GMM18, WSQ+16, ARB20, AAA+19, BBM+20, CC19, DDMPG17, IB20, JTB13, LMZ+14, LLW+18a, LZZ+20, LH3b, LL16, MCT+09, PPPS18, SVN+20a, SCSC11, SCEF18, TVB18, TCH19, VGD+19, WWDF18, WHS+18, Wit94, ZWQ+19, dOOO+13]. public-resource [SCCS11].

publication [GB10, TSTL16, WSN18].

Publications [vdR86b]. Publicly [YYN+20]. Publish [BGP+17, AMPZ16, EBCP18, GGC17, HMP04, MWQ+14, OKF10, XWJ+16].

publish/subscribe [AMPZ16, EBCP18, MWQ+14, OKF10, XWJ+16]. Published [An086i, Zad87, vdR86b, PFS+13].

Publisher [An087b, An087c, An087f, Fae21, An089f, An006]. Publishers [vdR87f].

publishing [FTA+14, PSY+19, PCM99, SLW11, ZWS+12, ZXL+20].

PubMed [DFG+21]. PUC [DIA+20]. Puerto [SR03].

PUF [BDL+19]. PUF-based [BDL+19].

PUL [BCM+95]. pulmonary [ZHP+21].

Pulse [OMPSPL+19]. purchase [GGLW18].

pure [XIIW20]. purpose [AKW90b, BRNR15, GXW+19, VVB11].

pursuit [YZWG18, YSZW18]. PVM
Pyroclastic [DGA18, HQLH20, KY04]. pyramid-based [BEG05, CF ´AA PYR CDRS05].

Querying [NS17a, Ans11, CGST09, LXL+16, LLCF11, MBZ+21, SB17b, ZSZ14].
question [XZ20]. question-answering [XZ20]. questions [WGDG20, WBMP99].
queue [AS18a, RS17a, Tho06, ZA14]. queueing [Lee04].
quick-response [KGLY18]. quicksort [PHL98]. quo [Kaw92].

R [Ano86i, Ano87b, Ano87c, Ano87i, vdR86b, vdR87j, vdR87k, LYLH+21, WSS+09].
R&D [Ano84i, Nag86a, Smi86]. R-based [WSS+09]. R-CNN [LYLH+21]. race [KKP00, PM00].
rack [LXL+16, LXL+18, LYT+19]. radial [NK05]. radiation [CLZ18, GZL+18].
radicalisation [LCGCP19]. random [Elg20, SKA+20, TKA18b, ASA+20, ASA18, BMK+14b, CdRdCB19, HJS+03, LBM+18, SLJ+06, YK20b].
railway [CLZ18, GCCL18]. rainy [ZPLQ20]. RAISE [BHH91, BHH92].
Random [LXL+12, ArMS19, BYL+18, BTM+06, CC98, FZC+20, HHW+19, LXD+17, LXM+18, MLW+18b, NHTH20, RNR18, Szu98, Tan02b, TSZ+99, ZSFZ19].
random-honest [FZC+20]. Randomized [RZIX19, PdASM18]. randomness [WYZ+20].
Range [STA17a, BS09, CLR16, CSL19, CSY+20, LWX+13, OS06, PM14, SJTN18, SHLB08, SWL+20, WZW+19a].
Range-based [LXL+16]. range-queriable [SJTN18]. Rangelands [TSTL16]. rank
[BTG19, HZC10, KRZ12, RS16, TM05]. ranked [LXL+14, NJB19, YQZ+19].
Ranking [YG18, DFG+19, DA16, GVB13, LWD+14, LLVY+18a, MCT+15, SKS17, SRKS18, WN10, ZSJ19, ZSGL19]. RANs [Hu20, SZO+20]. Ransomware
[XZ20, ArMS19, ArMA+21, DSMCA20, HDA+19, ZXM+19]. Rap [GMF+20].
Raphtory [SCC20]. Rapid [AM19b, GMD19, WWCN13, SB19b, XWW19].
RapIoT [GMD19]. RAR [HLL+21]. Rarefied [CH95]. Raspberry [SNM+20].
rate [AS02, HJA+19, HJPS03, KH10, KCM19, KMY18, KCY+21, LJZ+20, SPT+18, SCP09, YK20b, ZXW19]. rather [LSAM13]. rating [DV13, TQL+19, ZIOT+20, ZZBP19, vKLA+19]. ratio [DLH+20, RCTY19]. rationale [DLRW03].
RDMA-enabled [ABF+15a]. re [BGW+17, CC07, DEL19, HYF18, JCL+15, LWY+18b, LL16, PFRC16, WHZL10, Wan18a, ZDW+16, LAL+15].
re-decomposition [WHZL10]. re-encryption [BGW+17, HYF18, LL16, Wan18a, ZDW+16, LAL+15].
re-enrollment [DE19]. re-fusion [LYW+18b]. re-optimization [PFRC16].
re-structuring [CCG07]. reaction [BMP01, Ban02b].
reaction-diffusion [BMP01]. Reactions [Men05, GSMF20]. reactive [LPB04, ODET21, RSL+21, SCP+21].
reactivity [DRS04]. read [IDCJ11, TMZD15]. Readers [Ano05g, Slo06a, Slo06b]. Reading
[vR87g, LHD+20]. ready [BFK02, MMC+18]. Real [AHH20, AKG+17, BKB11, CDH+19, DGD+16, EET18, EET20, HKU+11, HEES19, KLC05, Kim18, KBTM21, LRZ+18, MG18, MKT09, NJ17, OKF10, RPA+18, SNMWC21, SKF+09, VLE09, VSBN19].
realistic [MEC+20]. Reasoning

TVV13, ATT96, ACD+20, BSH+21, BKV+20, DKFKF18, FB93, LLCF11, NS19, Ser95, SCN+14, VM93, ZGZ+10]. reasoning-enabled [BKV+20]. reassignment [LXZ+18, STMV18]. rebalancing [LZLY20]. REBATE [CECS20]. reboot [FLG+20]. recall [HMMW19]. receive [Gor02]. received [AKM18]. Receiver [WCWC20, WCWC19]. rechargeable [CMZ+18, YHL+19]. recharging [UKY+20]. Recognition [GTEL+18, SLTK19, TCCW19, AMM+20, BG12, Bae14, CPP+18, CZ12, uHA20, EU19, Fac21, FLF+21, GPJA+14, HLZ+19, HUMA18, HLL12, HLT+18, HMMW19, IFD+19, JLQZ18, KAP19, KSS19, Kha12, KLT+04, KPP+05, KPG19, LHF+20, LKZ21, LWJ21, LSL18, LZ19b, LSL+20, LZW21, LF21, MAM00, MCRB19, OCW14, Pet95, PSS+18, dAMVULM20, RAS+20, RSY+18, RM19, SMN+20, SCZ+19, ZSL+21, TJI18, UMHB19, YPCK12, YXY18, ZLZ+20b]. recognizing [ZDL+19]. recombinant [SBS98]. Recommend [GGLW18]. Recommendation [GCCP96, RMA+18, WLL+19b, ABZK15, AK18a, CQW+19, CZL+18a]. CCJ16, CHY+18, FLR+16, GJ18, GGMS18, HMLS20, JTL+19, JXZ+19, KZA+18. KKYK04, LCH+11, LCW+18, LY21, LZH+18, LLW19b, LXMW15, LQLX10, LLGY18, LW18b, LWXY19, LSV+18, LH20, MML+18, MLW+18b, OMPSP20, QZD+18, RW18, WWH+19, WMA18, dOWdAS+18, XLL+18a, XZ16, YYL+17, ZZY16, ZSGJ19, ZL18]. recommendation-based [CQW+19]. recommendations [SDK19, WBMP99, YNN+20, ZCH+17, SVD+20]. Recommender [EGVT18, YL18, AMP19, ACM+21, DV13, JKS20a, KKB18, MQL+19, OMSL20, PP20, SD20, TNY17, TAKV12, XZG+20a]. Recommending [ACCM19]. recomputation [HSS00]. Reconfigurable [LJW+20, AAB+92, ASW11, FFC12,
HZDS19, JL98, LKTC14, NWE04, Pan95a, PHL98, YP12, ZKD21. reconfiguration
[CCLS09, EG18, GHY+18, GVURIVBV14, MNV12, MKT09, PA01a]. reconsolidation
[SHRE16]. reconstructed [AD18]. reconstruction [Alb04, BN21, IEG04, LLU+18, RICW00, SGBC+20, WW19, XSM04, YSZW18, ZS05b]. Record
[PSAL20, CLC+19, RCD03, BSR18]. record/replay [RCD03]. recordable
[LWW+16]. recorded [HNP05]. Recording
[FM10b]. Records [Rao17, AIM+19, CTT+08a, LZLL18b, LHL15]. Recovery
[SP17, WZML18, BNJ16, DYY+19, LPMY18, LZS18, MSI+12, MDB+18b, MRD+20, PY00, PW03, QMCMX19, RRU+18, SA14, TSAER18, YIA17].
reconstruction
[FdAGdAFV19, Fuk85, H¨of03, KGW95, MSTN21, MZYA19, RSV90, SS03, SSC+20, VVC+12, V804, Vre89, WDHY20].
redundancies [LY10]. Redundancy
[ArMA+21, AMR18, DZZ+15, PJDO13, ZHL+18]. redundancy-based [DZZ+15].
Redundant [dRSS97, TBD+02]. reeds [FEPC18]. Refactoring [KTB18].
refactorings [TPF+20]. Reference
[CBS17, AKB+01, AAG+20, RCOP+11, SCAC+19, WXW+17]. referral [TDLT20].
refined [Bag19, WPY19]. refinement
[HV03, WXW21]. refinements [CPB00]. Refinery [CSJ+17]. Reflection
[Lop96, TA96, AP96, GdDOA02, tTvH96]. reflective
[EV96, Pit96, SGdMM96]. regarding
[GDGCG20, MLGGB+17]. regeneration
[YZCZ19]. regime [KVFA98].
Region [ST11, ZZZ21b, LRS19, LZT+19, LZL+12, RV95, SMCM9]. Region-based
[zzz21b, LZT+19]. region-of-interest
[SMP99]. regions [PCV21]. register
[GD05, MWYC12, MSS02]. registration
[CEGL01, MLS01, XPL19]. Registries
[SZK18]. registry [BGK+05]. Regression
[CPG18, FSM+18a, RRA19, AOAs20b, AQAR+18, ZC18]. regular
[Dö05, LSG18, LKTC14, NHT06, THA+17]. regular-topology [LKC14].
regularization [CWJD19, QCZI19]. regulating
[PYH17]. regulation
[AHN21, LTN10, MS+16, RSQ21]. regulations
[SMDK9]. regulatory [HHL11].
REHAB [SVD+20]. REHAB-C [SVD+20]. rehabilitation
[LZZX20]. Reiblein
[vdR87]. Reidel [vdR87k]. Reinforcement
[BEM+20, BBN+20, BW19, GRN20, LYYG20a, LYYG20b, LZZX20, LYYW19, LGL+20a, LGL+20b, MF+20, NLV+19, QCY+19, RYL20, SHL+19b, SZO+20, Ven08, Ven09, WLY+20, WXZL11, YYW+19, ZZ19].
reject [LLZ20]. related [BSG+05, EV98, FP18, FHGF20, GAFFOG12, HXA+17, LKK+16, PKA19, SK20b, TBS+18].
relating
[DFG+21]. relation [LLS+14].
relational
[GVDT16, LLCC11, Mur88, NS84, ZY90]. relations
[NS19, XLZ+14, vdR87h]. Relationship
[YTQ19, YTQ20b, BFS+18, FPL+19, GWY+20, HCC+14, WILF16, ZYW+18, YTQ20a]. relationships
[SM10, SCZ+19, WW+17]. relative
Relaxation

[KKH04, KLH04, MCL04]. Relaxed [GSD95, Cda10]. relaxing [KJH11]. relay [AQI97, DAK13, ROK19, YL12, ZWL13]. relaying [SYJ19]. release [JLL17, YY00, WLL19a, ZLXZ18].

Releasing [WZE19]. Relevance [BBB19, BCdV19, PC17].

Relevance-based [BBB19, PC17]. relevant [Men05, NHH19, SLH19b].

Reliability [BPCM11, KCK16, RdLM06, AEM10, CL20b, GM16, HS20, KGH13, KH18a, LY10, MS018, PRL19, SYQ19, VK17, WYBS11, ZTC19].

Reliability-driven [KCK16]. Reliable [GBV17, KIM15, BDM19, CEPI19a, CBT19, DKV14, FBL19, GSC19, JCL15, KB18, LTO1, LPK17, LPK18, LSMV15, LSL19, MCAS19, MRH17, MKM11, RRA19, RWO19, SKX19, TAS19, Tor13, Var03, VSB19, WQG15, WHS17, WLP18, YW12]. relieve [KPS18].

remaining [RCW19]. remapping [AS14, LJJ12]. REMEDI [SZG19].

remediation [KAW12]. Remedy [RMA21].

remnants [QC13]. Remote [HH17, MWW15, MDA19, OPT17, SK97, SYY17, WZX18a, YZ15, AAS17, AMV99, BFG10, BCF02, BDZ13, CCD19, CHS11, DCC14, FBL19, FCD19, GHEB18, GW18, HUK11, HMM20, HAN03, HES19, KBP19, KK20, LWK18, LHL15, LHL03, LN01, OPO13, RvdSB19, SKF19, SSW18, VS04, WWCN13, WMY18, YMW18, ZMN99].

remote-sensing [AMW99]. remotely [XAW19]. removing [CLS19b]. Renal [QZX19]. rendering [BRR14, FSB18, HH98, IGL04a, KBP10, PBB19, ZX05].

renewable [GDS18, KHT21, LGL20a, TU19, ZAH19]. renewed [MDA19].

Renovating [MQN19]. reordering [WH14].

Reorganization [FMS08b, SRN18]. repackage [MH19]. repackage [GMC04, GMC18]. repair [BWJ20, GDR14]. repairing [XGZ18].

repartitioning [KMB16]. RepCoN [PLA18]. replaceability [ZGS13].

replacement [WG00]. replay [RCD03].

replica [AQN13, CC07, KLSS05, LWT19b, LWT19a, MVCC10, MKR19, SYL18].

Replicated [HHS89, SJJ06, BAL91a, BLMT20, DAM08, HKS18, TV08].

Replicating [MBV15]. replication [ASD12, AMT12, CVZ15, CTR17, CCL07, CCG07, DNG09, G16, HNK18, KKAS19, KIS11, LPP12, LVO08, LJB19, LST17, ML19, MPC19, MCO4, MHA09, MRD19, PSJ12, PGCC10, PB18, SR12, ST19, SYQ19, TIB13, TL15, TLY04, ZWJ04]. replicative [SRN18]. replicator [WKT00]. report [CN98, DNN21, DQ07, FK99, Van87b, vdR87].

repositories [ARP14, EGAQ09, HESM99, NAM19, SCBK16, SSLF10].

repository [BDG19, FAJP99, GHJ19, Ham17].

Representation [ZZZ18, AP96, BC19, BCF16, CPA14, GbKS19, Ima19, KSC20, KLW19, LL19, LL19, ML19, PBL19, Qu04, SHT19, SHS19, SZZ19, WLY20, XLL19, XJY19, XLY19].

representations [LY90a, NMC05].

Representing [GM11, HLI11]. Reprint [AB18, GMCM18, KKKM18, LPP18, PBC17, ZFC18]. reproduce [HMM18].

Reproducibility [SpdR17, BCG19, CBBC17, JAS19].

Reproducible [GM19, WQCM19, VG21].

REpulsive [CECS20]. REpulsive-BAse [CECS20].

Reputation [PS10, UUK19, ABH18, DG21, FMRS18, GA13, GL19, GL20, LXMW15, LHX19, LL19, MZL21, PVGD19, RLY19, TY11, TMP15, WN10, WYBS11, WLC19a,
[ZZH+18, ZCZ+18]. Reputation-based
[PS10, PVGD+19]. request [BBN+20, 
KHHT21, LLYW19, PZHHD20, YZI2].
request-transmission [PZHHD20].
requesters [KOM+20]. requests
[AALEF20, AAS+20, HFM19, SYAL13].
required [PCB99]. requirement
[SMRM13]. requirements
[Ber96, DDDR96, FC05, GDP+18, HSS17, 
LLW+12b, MKS+19, Mur95, PB05, QCD16, 
SDZ+20, YHA+19, YS16]. requires
[DHS99]. rerouting [RRU+18]. resampling
[HLZ+19]. Rescheduling
[LZ10, dRRdQGR+18]. rescue [YZS+21].
Research
[ALR+20, ACC+19c, CCIP18, CXZC18, 
CZH+18, CDFZ16, CSC18, CMZ+18, 
DGS09, DJJ+18, HGM15, Kaa99, LBJ+18, 
LGW+17, LZI+20, MYHZ18, PSP+09, 
Sun20, Van7b, VCE+19, WWZZ18, WZ18, 
WWZ18, YLL+19, YK017, AZH18, AAA20, 
BOWD+19, BY93, BAD+05, BDK+20, BS84, 
CaVLCl21a, CLM+16, CLCY18, CDB+19, 
CGL+10, CMD+14, DRC20, FEB+19, Fur92, 
Gal87, GSGG+19, GML+13, GHJ+19, 
GSN+18, HRCl9, HCB+20, HPR+18, 
HBGG1, KZI+17, KCH+13, LPC+95, 
LGS+07, MLC+11, MRT+19, MED16, 
MFL18, MM18, MND+19, MCWP16, 
NSF87, OFMZ18, OCB020, SDWS13, 
SGP+20b, SJ1+20, Sch04, SVN+10a, Stl93, 
Tic93, VB18, WLHH18, YS16, YBC+20, 
YVV+20, ZL21, wZeZN+19, wZeZN+20, 
ZL18, ZL04a, vDr87l, Kaa98]. researchers
[HSB+18, SDWS13]. researchers [PS19].
reservation [CJK+18, CFG+05, DVB14].
reservations [CKP+19, ET08, NF07].
reserved [DEG+17, WCH10, VVB15].
Reservoir [ZJW+20, PKC+05].
Reservoir-based [ZJW+20]. reshaping
[DMZ12, KHEG21]. resident [LHF+20].
residential [GAA19, LHH+19]. residual
[KSS19, QZHH21, RT15]. resilience
[BdL20, PDT21, DLS14, YBC+20].
Resilient [AAQ1+18, SBMN21, APR+19, 
CM17, DLZ16, DCF19, EBCP18, LBB+19, 
MKW+21, PGTBC18, RSQS21, RadARP19, 
TDV+08, Wan18a, YAX+18, dSDF+19].
resistance [XYLM19]. resistant [OdVP20].
Resisting [WSU+10]. resolution
[ACSdRR17, DCC+14, GMM18, sGbKS19, 
HNQ+18, HJPS03, JR+11, JP18, KBP+03, 
KLIH+04, MFMSG20, PDW+11, PCB99, 
QZHH21, RJJ+09, RMA+16, SMC99, 
SLDK03, Wei11, YDK11, YTYQ19, YTYQ20a, 
YTQ20b, ZHP+21]. resolving [SK18].
Resonance [RDS18, HXZ+19, HXZ+20].
resonators [CASW05]. Resource
[BBM+20, CKKG99, COC10, DPK+19, 
DXL+18, ETL19, EGK+07, EW97, HQQ7, 
KK11, KAF+20, LWD+14, Li20, PPPJ18, 
PPL+15, PPA18, SMRM13, Slo96, SAK+10, 
TCBP16, TSB18, VDPHS09, VPT+15, 
WCW18, WF11, Zhu04, ABG02, AJR+19, 
AFF+09, AQN+20, ASA+20, AGK18, 
AMH10, AC18, AEM+18, AS14, 
rUBBC20, BAA+19, BS11, BBM+03, 
BCC+10, BAB12, BKG+20, BSOK+20, 
BMK+14b, BCR+12, BR10, CVKB12, 
CVT19, CFM19, CCL08, CH10, CLC11, 
CLL1b, CWC+20a, CCLS09, CWM+20, 
CXCI+18, CT09, CS12, CCO9, Cln10b, 
CCD+10, DVB12, DSB08, DCJ18, ET08, 
EET20, EG18, Erd13, EM+13, EA17, 
FEA19, FCOJFM21, Fer13, Fer96, FEPC18, 
FHM+99, FSM+18b, GEG14, GDJ+13, 
GAP18, GPK05, GBRM18, GBF+12, 
GJF+12, HZC+08, HB08, HY09, HAP15, 
HZZ+14, HJC14, HB19, HH19, HB00, 
HDLL13, HZLZ20, Hu20, HPLL08].
resource
[HML07, HML09, IDM+16, IDJ11, IKL12, 
ISS+15, IAL10, JLLC12, JMAG19, KS18a, 
KC14, KHH+18, KAO8, KMI11, KYP120, 
KADJ14, KACN16, KV12, KKW+14, 
KFC+07, KGdL11, KKB10b, KMK+14, Lea13, 
Lea15, LCBF13, LTN10, LPK17, LPK18, 
LL04c, Li10, LYYY18, LLZ+18a, LSCL19,
root

rules [LLY+18]. rollback
LBB+19. rolling [FN00, JYZ+18].
Roofline [MIMS20]. room [Ram95]. root
CPP+16, HSGY+20, LWR+19, SDB+21, TM+05, HSGY+20. root-cause [LWR+19].
roots [SBF+21]. ROS [WSH+16]. ROSI
YAA+19. ROST [HSH+07]. Roth
Zem+86. rough [LO+19, YAO+14]. round
CJS+19, MG+11, ZaTZ+17. round-optimal
CJS+19, ZaTZ+17. round-trip [MG+11].
routing [SS+03]. routable [DK+14]. route
KHB+20, RN+04, TSS+19, YPLZ+17. routed
KDO+00, LOK+09, SVC+07. Router [JL+14].
routes [LG+18]. routine [OCD+07].
routines [BFR+05]. Routing
|Dör+05, GLA+88, TKA+88, AM+20, AGR+19, AT+19, ASA+18, BRB+19a, BRB+19b, BMK+14b, CST+09, CA+13, CJ+14, CES+19, Che+13a, DBS+19, DOV+01, DK+14, SPN+17, FNR+20, GBJ+18, HLL+18, HZW+18, HHW+19, HYX+19, HLL+19, IJ+14b, JLI+17, KLM+03, KSA+03, KSA+08, KID+16, LTB+12, LH+05, LGW+21, LS+01, MFS+19, NNH+20, ODV+98, RQ+19, RZW+19, SAK+03, SCY+18, SMS+14a, SWW+20, SDD+09, SHL+19b, TZ+19, VSK+19, WSZ+18, WZT+20, WMA+19, Xia+06, XXX+19, YHL+19, ZF+16, ZYW+18, ZTKX+19, ZAI+18, LC+17. |RP+3 [CR+92].
RRNS [CB+19]. RRSD [SYQ+19]. RSA
|KKL+09b, YX+16. |RT
HNC+13, WSH+16. |RT-MOVICAB-IDS
HNC+13. |RT-ROS [WSH+16]. |RTO
CJG+18. |RTOS [JK+17]. |Rule
CKF+20, FTP+14, HBB+09, LJJ+17a, LJP+05, XYLZ+18, CCI+18, KMI+11, LLC+16, LH+18, MRH+17, PMK+18, SC+14, WQZ+19, Yos+89, ZCX+18, HCNT+14. |Rule-based
|CKF+20, HBB+09, LJP+05, SC+14, Yos+89. |Rule-driven [FTP+14]. |rules
|AW+97, DSCJ+18, EBO+14, GHGP+19, GFM+20, KA+08, LGP+19, MCL+16, SA+97, TIA+21, XL+19, ZDW+18. |Run
|CWD+08, GGR+20, BC+15, HIA+18c, TF+17. |Run-Time
|CWD+08, GGR+20, HIA+18c, TF+17. |Runge [CP+06]. |running [CRE+01, DW+87, RM+11, SHP+16, SHZ+21, ZSI+08].
Runtime [GOL+19, JOP+14, PSW+20, SL+19, AGY+20, AFB+10, EP+12, Hö+03, JBP+17, Kyr+19, LMK+14, LK+17, MZ+10, M+19, FCP+17, SGL+19, TSK+03, USK+16, UDv+18, VR+05, YA+15, ZBT+20. |runtime-aware [SGL+19].
runtime-interference [Hö+03]. runtimes [DPP+03, KTV+03].
S |Ano+87c, Teb+86, vdR+97, vdR+87j, Ano+99, Che+04, LJJ+04, LY+21, P+18, XLW+17, ZDL+19. |S-ABC [XW+17].
S-In-Time [PA+18]. |SA
LHM+14. |SaaS
|CL+19, CGL+15, CPP+16, FHYH+15, FPP+14, IS+18, LWTL+19b, MVL+21, MBA+19, RHH+19, VK+17, ZRZ+19. |SaaS-based
|FHYH+15. |Sabotage |SDS+07, Sar+02. |Sabotage-tolerance [DSS+07, Sar+02]. |SAC
|JRW+20. |safe [BQ+20, OMK+19]. |Safety
|M+10, VAS+95, DC+19. |salesmen [DZS+21]. |SAMBa [GMF+20]. |SAMBa-RaP
|GMF+20. |sampled [RWG+21]. |samples [MR+19]. |Sampling
|CABB+20, MK+19a, PPL+17, TKT+08, UP+20, WCY+21, WLYL+20, YKK+13, ZJW+20. |SAND
DCF+19. |sanitization [DVEE+20]. |SAR
|FCD+14, RLML+20. |SARL |GRG+20. |Satellite
|BT+93, RRK+19, CFVP+12. |satellites |TC+92. |SATEXPERT
|CSC+92. |satisfaction
FHM+19, HMA+18b, LHA+20, MLS+16.
saturation [GdAO20, Lea15]. Saudi
[ARB20]. save [SHP+16]. Saving [GRN20, CJ14, JKLK17, QCD16, TDSH16, ZZZ17]. savings [LN13]. SCADA
[FTA+14, ZSL+19b]. SCAI [HYC+18]. SCAL-SVSC [HYC+18]. Scalability
[ASV+13, BNFZ08, LIRS94, McG96, MG18, AL20, KRW+20, LS8+18, MRD010, SMIC99, TM20]. Scalable
[AMH02, AGA16, BP20, BKB18a, CMX+16, FS18, GFZ21, GZLZ16, GZWQ13, HDD20, JL08, LXL09, LWTL19a, LLW+19c, LWQ+14, Pal13, PN13, SBG+09, THA+17, TJWS10, TRSI17, TVD+08, ZTFF17, AG92, ABG18, AB19b, AR07, AFB+10, BBTC20, BCC+17, BW95, CSt+20, CCL+14, DLR+09, DVWD02, FSBS+20, FWB13a, FWB13b, GGN17, GSW+18, JSC+15, KMB16, KK16, KK97, LC13, LC05, LBYL08, LJL+21, LN18, LIH+19, MFMSG20, MCT+09, OEE13, OdVP20, Pal06, PHL98, PMPC20, PMLVS+13, P07, RL98, RMA+16, SRZD15, SAGL10, S20b, SCK+00, SB17a, SLZ+09, SGS+18, SBL18, V88, WJZ+17, WCY+21, XL+21, YJH18, ZAB15, ZXW19, ZLR+15, ZJZW04, dSK+19, FMD99, HSW15]. scalar [SW99]. Scale
[AKW09a, CHK98, EGTJ18, TKRA14, AB129, BRL19, BBS92, BHL+20, BAPS14, BJ4+06, BDL06, BCG05, BCD+18, BCH+08, CZT+15, CWL+18, CLLC20, CZY+18, CDF+05, CGT20, CRVZ15, CA13, CA15b, CR92, CECS20, CT+08b, CZXL18, CCZ+19, CCL+21, CTO006, CGM+18, CGJ+10, CSP13, DAT03, DEL19, DAM08, DRD20, DDM21, Din03, DC19, DZXS21, DKJ19, DPL14, FAJP99, FOJFM21, FOQBF15, FRB+14, FPD17, FPGBK, FWSB3a, GLA88, GDZ+19, GLNT13, GSV+10, GPH+94, GLVC18, GDAS18, GIM16, GW20, GPWL20, HB19, HST+18, HKM+06, HLC16, Hn21, HZ10, Ima19, IPG+18, IS18, JHCB10, JL03, JYZ+18, JIh02, JTB515, Kos95, KTV03, LKM14, LTN10, LSZ+16, LFP+17, LZLL18a, LXY+21, LSH+11, LXY21, LPK94, LM12, MTV5, MKH06, MR04a, MP+16, MMVS19, MLW+18b, MRD19, NSP07, NS10, ONK+20, PPZ12, PLA18]. scale [PDA+20, PB17, PGCC+10, PF17, PPLL17, RN04, RL98, RZLX20, RCV+19, RMCD12, SSSC19, SW20, SL+18, TDFZ18, TLF+20, TJS010, TDL+21, TY11, THT12, TGP20, WV05, WZK+03, WLLF16, WWH+17, WRC17, WCH+18, WDD18, WCD18, WY19, WWG+19b, WBJM14, WS10, XYLZ18, XWL+15, XW20, YHJC05, YCAS03, YCX05, YGYW16, ZG19, ZWW+13, ZSFZ19, ZW10, ZYTC15, ZX14, ZA14, dSFP+17, dSGST21, dSK+19, FA+20]. scale-free [CWL+18, CECS20, LZZL18a, XZ15]. scale-out [MRD19, YGYW16]. Scaling
[CGCB+12, CDP+20c, HND06, HZL19, KNI+18, MFC+19, NNV20, SGRT19]. scenario-based [KNI+18]. scenario-driven [MFC+19]. Scenarios
[BNJ16, AMBD+20, CCG+21, DFGR14, FAMA+17, FPP+18, MLMG+17, PZA18, RCM18, WLB11, ZAA+14]. scene
[ASY+18, SOR05, SH+19a]. SCERMS
[IA20]. schedule [SK12]. scheduler
[AJY15a, ASB18, BCB+07, CFGC03, CTR+17, GdCP19, JLD+19, KCS14, KPJ19, NNRA19, RD14, THN+06, gWLW21,
schedulers [BB13, CCD08, EL09]. schedules [EKJ+20, vdLLE19]. Scheduling [AALEF20, AHP16, AL18, ACK+15, ARN17, AMBG521, BNDP17, CJH13, Fri14, GVA+16, KV12, KV17, Li18, LAH10, LC13, LSMVML13, LRMC94, PIP18b, RBJ+13, RSRV88, RB18, RMHMG17, Ser98, SVS19, SD06, SIL+13, SK12, WHW16, WLD+20b, Aba06a, Aba09, ABM816, AOS10, ANA16, AEM17, AMD08, ABC+20, ADAAD12, ATZP21, ALK15, AGK18, ABP16, AB17, AB18c, AB19, AFPC91, AF+92, AMS19, AEM10, Bag16, BZY10, BGR20, BK5+18, BLM720, BCC+17, BBN+20, BBB16, BT17, BB13, CLR17, CVT19, CXX+19, CGT07, CBCA15, CA13, CA15b, CCL07, CCL09, CM17, CK00, CXL+17, CLR17, CXL+20, CWJ+18b, CCW+20c, CBK+17, CSL18, CGS18, CCCT14, DZ98, DK20, DRMC09, DQLW15, DFZ+20, DdM10, DR18, DXL+18, DPL14, DCMW17, DSCJ18, DBS14, DNP14, EV96, EL98, ED04, EMM12, EMHE21]. scheduling [FK12, FD95, FN00, GRH05, GB10, GRN20, GMB20, GJ15, GOBL16, GD10, GS15, GPS13, GDS18, GP09, GKT15, GCZ+19, GB20, GG513, HCMJ19, HCV11, HS20, HV92, HCL07, HHW11, HXL90, HLL+19, HZL20, Hu20, HPL109, HBN+13, HZLH19, HML07, IT20, JJIH19, JCSS01, JL+13, JM01, JEB18, KR19, KA09, KS18a, KCK16, KSC+19, KL19, KX11, KMK09, KB09a, KKB10b, LTO070, LHL09, LKG07, LLC11, LLC14a, LYQ06, LB09, LYG+16, LJG18, LTL19, LZ09, LSH+20, Li20, LGDS20, LZYC13, LG16b, LCMX16, LPV+16, LYS+20, LCdPMCT19, LYH+19, LEXH20, MJM+16, MHJEANSM20, MHIC14, MLSF16, MSE19, MRN19, Nag16, NP06, NRR+15, NPP12, NP03, Nos98, ØEE13, PKR11, PNGFJ13, Pal09, PBV+13, PK11, Par04, PKF14, PW09, PT16, PAB+14, yQhJL20, QWR+20, QCY+19, QPTGG+12, Qur19, RRB10, RC13, RCJZ20, RRD21, RBW20].

scheduling [RKP+21, RNJK09, RMHMCM15, SS13, SZ98, SC16, SDTA19, SKJ01, SDT18, SHL13, SJQ20, SWG+16, SZK16, Shi04, SOIS12, SH19, SGJ18, SV15, SG13, SAK+10, SG14, SCP09, SK19, SD+09, SSP17, SGL+19, SHY+21, TWDLZ19, TZB13, TDFZ18, TLTY06, TLL+11, TJZ+15, TKS+15, TPB14, TcP+17, TV16, TCCU1, TS20, VVB11, VV13a, VPT+15, Ven09, VVB13b, VMN+18, WWX+17, WHZL10, WK+13, WWC14, WQG15, WCC+16, WMQ+16, WCH+18, WSC+19, WGG+20, WZT20, WGW+21, WWZ+19, WL05, WHP09, WS10, WXZ11, WCC14, Wu16, WWT+16, WJP16, WHC19, XA10, XZ+19, XY+15, XD+17, XZK+20, XHY+90, YPLZ17, YY+19, YJLC20, YXL+20, YYXY20, YKCI13, YAI17, YZ12, YSL19, ZCL+14, ZYB+18, ZGL+18, ZXL+18, ZZC19, ZLZ+20a, ZGN+20, ZQ+18, ZZS+19, ZZZ17, Zhi18, ZT19, SCR20]. schema [GTM19, TD21, ZCQ+16, ZS10]. schema-agnostic [TD21]. Scheme [AMS19, HAA+20, JLX+19, LNA19, AMN18, AAC04, AAA+19, APK+18, AYY+20, AM01a, AK18b, BY+20, BDL+19, BBH18, BDM+19, BGCL20, BMK14b, CG02, CDG+20, CHJ+04, CYH04, CGL08, CRRC18, CJS19, CBPP18, DZZ17, DA18, DC18a, FSY+19, FXG+19, FLT+19, FLL+19, FBL+20, FWZ+20, FHZW18, GCC+20, GKB+20, GAT+20, GAI+18, GZ20, HKA+18, HAHW+18, HJA+19, HZL+19, HHH+19, HWW04, HM14, HLC16, HNP+18, HYL+20, HGD20, HZW+16, JNL18, JKU19, JL+17, JN020, JKS20b, KAD20, KKB18, KHMB13, Kol18, KLMB19, KLW+16, KLW+17, LTK12, LCB+20, LBY08, LK12, LL+18a, LNK+18, LWK+18, LJJ+21, LLCH21, LLW+19b, LH13b, LHC03, LHL03,
UPD+20, VSKS19, XDH+17, YD21, ZWDP18, ZFC17, dSBM19, vdPGZ+16.

SDN-assisted [AKJ+20]. SDN-aware [KBB+16]. SDN-Based [SME+21, PNL+21, SME+19, YD21, dSBM19]. SDS [SK20a].

SE [BT93]. SE-TC2 [BT93]. SEA1 [vdR86b]. Seal [CWUS19]. Seamless [GMP+20a, SLS10, TDG+06, CPDJ13, DFG+00, LFL+18b]. SEAP [WYG+20].

Search [ANA16, CT19b, FPL+19, MCT+15, TL19, XRPT18, ABMES18, AMC19, CWJ+18a, CC98, CZL+18b, DLH+17, DZXS21, Dzw97, ESW+19, FLR+16, HZL+19, JGL+20, JC08, KSSR20, KMT14, LWZ+19a, LM07, MV500, NS17a, NJB9, NS14, PPZ12, PLB02, PMB14, RCM18, RHMGC14, RJK09, STA17a, SCB16, TTZ+21, TM19, TWW+18, WXLY16, WCL+17a, WH19, WW13, XLZ+14, XTS+19, YD18, YXD18, YQZ+19, ZZ90, ZL13, ZWZ19, vW19]. Search-based [MCT+15, XRPT18, RCMT18].

search-optimizing [vW19]. searchable [CLC+19, CXWT19, DZL16, DZL17, HZQH14, LLL+18, TSR+20, WXLY16].

Searchain [JGL+20]. searches [HQQH16, SA07, SF06]. Searching [CFG93, Sch03, LFH+15, RFS+16, SZC05, WHMO13]. Sec [SSQ19]. Sec-TRA [SSQ19].

SecLAP [AMKC19]. Second [Ste85, Bot51, WYN+90]. secondary [ZHGX20]. secrecy [BDNN02]. Secret [EHMS00, AIM+19, GBR19, KK20, LEW19, SLS+20, SAR18b, ZZ15].

SecCrowd [CCHD21]. Section [CMA11, ChK11, CCI1, CF09, GR09, GMS09, HKPT10, JS12, KT08, LXLS09, LS10, NF10, SG11, WS+15, XZ11, Aba06b, ABM+07, AR07, AC10, AR10, AM05, AM10, BGL08, BN06, BLAV06, BB12, Btic05b, BR10, BRHH18, CRSDs10, CG10, DLP06, DKD08, DDM+08, DT08, FA11a, FM10a, FM08, GA06, GMA07, GVTD18, Hab05, HKM+06, HJC10, Igl07, JO11, JL08, Kim07b, lKcF09, Lee12, MOK06, OMO, Ole07, PH07, PX07, RW13, Šle14, SDBDL06, SBLD09, SPEW09, SD07, TBK+10, TBGL16, VLLK09, XLZ18, ZBB09, ZSH12, Zhn07, Zhn10, ZAP05].

sector [ARB20, HHW+19, Nag86a, GG10].

sector-based [HHW+19]. SecTrust [AGR19]. SecTrust-RPL [AGR19]. Secure [AD19, AMKC19, AKE+18, ABCD00, BK16, CDDR17, Ciu10a, FFB20, HQ16, HYS17, HYS18, KKL09b, LLQS14, LNA19, LHL15, LZLL18b, LZL+18b, LBHC16, MLW+18a, Man20, MCA19, Mer13, MAA+19, Pan20, RHH+16, RMA21, RTS+16, SAR18b, SSS+09, SYW17, SPKG18, VS20, WXLY16, WZD19, WC20, WYS20, XMS15, YQZ+19, ZMH+18, ABM18, AGR19, AKP+18, BCN+19, BBD+20, BDFP05, CP+15, CFG+19, CZL+18, CCHD21, CDL18, DJZ+15, DEL19, Din03, ECE+19, FLT+19, FLL+19, FWZ+20, FLPP05, FS18, GPA00, GCTLA19, GAI+18, GLW+20, GZL+18, GZO+19, HAAWH+18, HZL+19, HLvL+97, HPP+18, HMA+18a, HLL+11, JFD09, JSC+15, JCL+15, KZA11, KKKM13, KPA17, KAK20, KBTM21, KFK19, KLW+17, LLO4b, LJTK12, LJS17, LJJL13, LCHW14, LW+18, LL+15, LZC13, LL16, LWF+17, LZY+16, MLLC+18a, MK17, MHY+18, NR+17, NNN+20, NLS19, ODK+17, OSAN19, PSAL20, PGCML+19, POJ+16, QGT+18]. secure [RPH19, Raol7, RSK+16, RPA+18, RACA18, RHPV17, SRZD15, SGCR+16, SVN+20a, SB17b, Sin07, SBL18, SAVS19, TX14, TMB+19, TCN+14, TAS+18, VMM+20a, VCDK18, VGD+19, WWW+16, WXM+17, WWDF18, WLGL19, Wan19, WZW+20, WLAC20, WDKV19, WZCH17, XZF+19, XCB+20, XYML19, YY11, YNY+14, ZZ15, ZWX+19, ZCDV19, ZDR07, ZSW+18b, CCK+04, NNH+20]. Secure-GLOR [NNH+20].

Secured [LC17, KBB+09, MVL+18a, UJHN20].
Securing securely [ZZC18]. SecureSense [RHPV17]. Securing [CMNK19, KP12, MKS+19], PWA+19, PPSS06, SKA+20, YNN+20, CDMR19, LCLA21, Pol99, SKS+18, TAM21]. Security [AWYJ16, ACL+18, AdMDM20, AM10, BHE+19, CCRV13, CHS11, DZZ+15, Elg20, FJKK17, HAJ+19, HLT+19, HHZ19, KKW+14, LKCS18, LCL+19, LYE18, LHH+21, LSHW17, MBJ+20, PX07, SME+21, TG20, WZZW18, XDWL15, YYS+19, YA+19, YDK20, ZF18, AMN18, AT20, ABTF16, AAIJ17, AMMC18, AM19a, AGBR19, BFS+17a, BFS+17b, BBvdB+11, BWR12, BS20, CDF+05, CFC+20, CKK+04, CKR16, CWW+99, CBT+19, CBPP18, CSG18, CDP20a, CDFW18, CMVA18, CPP16, CLM00, DC18b, DZH18, DRC20, DMG+08, DT16, DRR+07, ELAEAVAM19, EZTL19, FTH16, GMLGB+17, GKB+20, GH19, GMC03, GKT15, GJKP18, GSN+18, GIPS20, HClJ14, HCTN14, HPP+18, HIA+18b, JRV+20, KR19, KR+19, KSB16, KS18b, KSK+19, KLS+04, KKL09a, hKcF09, KBDLG18, KKKM17, KKKM18, KCC18, LS07a, Lao00, LWL+12a, LNB14, LYG+16, LG+17, LJC+17, LLWZ18, LZ20b, MZL+19, MS20, MRR+20, MG+16, MPPM09, MPP+21].

security [MCF20, MBB+20, MSM+18b, MWL+18b, NV11, NVMG17, NZQ07, ORLV20, OAI17, PSS13, PGCM19, PSW+19, PM00, QK20, RR18, RWG21, RC21, RLM18, RM16, SMF+19, SME+19, SAGBB17, SCAB20, SYJ+19a, SM03, SVN+20a, SWY+18, SSL+19, SSS13, SGS+18, SDK19, SSB13, TZZ+18, TBR+19, TVV13, TMS+17, VPP+19, WXYL15, WSL+19, WZ18, WS10, YH18, YN18, YS16, YNY+14, YZ+15, Y20b, YDL+20, YKÖ17, ZCYZ18, ZG18, ZY20, ZLZ+20a, Zin18, ZL12, NH20].


Selection [ArMA+21, DIB20, DLH+17, HCK20a, HCK20b, LH+20a, S+20, XD+21, ABMMC18, AKP+18, AFSH+18, AFSH+19, AT18b, ArMS19, ATT96, AWN, AWY+19, CC07, CMI+19, DPK+19, Dua04, DMM+05, ET08, FTK+14, FCY18, FJJ+18, FZC+20, FCOJFM21, FA11b, GHH+18, GSK20, GDEBC20, GB10, GAA19, HWZL08, KBW19, KA08, KH97, KKL06, KGT15, KICO12, KP18, LW18, LD17, LDJL19, LWS+12, LXW13, MC19, MHH+20, MHZ18, MYK16, MVCC10, PNZ14, RC17, ROK19, RMBMT21, RGC+10, SRKS18, SM+16, SL+18, SDH+19, SVN20b, TDL17, TZH+19, TNP15, TAKV12, WCHL10, WHS+17, WLW+21, WLA18a, WLQ10, XYL18, XW+17, XWL+18, XWLC20, XWK21, YPJ19].

Self [AFB+10, BBD+21, CRM+16, CWV+20, DMZ12, DD05, FMS88, GZL+18, KCB20, KK16, Lea13, LAS20, LG16a, LHM14, MG10, NAD+18, PYH17, SEKS+20, SEPV19, SK21, TBB+17, WZ+18b, dSGD13, AGD+21, AP20, AEME+18, BdL20, BDT21, BM10, BCS20, CLNR18, CCT13, CG21, CFMC19, DCG20, DDD18, DRNMO9, EKSD19, EKGS14, FGP20, GIPS20, ZLZ+20a].
FMN+20, FS07, FGB21a, FGB21b, GWZ20, GL04b, GDR+14, GNGG17, HTXW21, KKB14, KMN+05, LH13b, LW18+18, LW18b, LHPC+19, MPR+16, NJHT11, PCVN21, RP18, dRRRR+18, dRrdQGR+18, RWZ+19, SYT+19, SJL+18, TJZ+15, TCCC11, VRGR16, Vin16, XHY+90, YP12, ZFMB20, ZXX+20, PIM02]. self-* [Vin16].

Self-adaptation [CLNR18, FMN+20, HTXW21].
Self-adapting [SEKS+20, EKSDN19].
Self-adaptive [CWM+20, LHM14, SEPV19, WXZ+18b, AEME+18, BdL20, BCSS20, CFMC19, DCGM20, DDD18, EGKS14, KKB14, LW18b, RWZ+19, TJZ+15, ZFMB20].
Self-adjusting [Lea13].
Self-assemble-featured [LAS20].
Self-attention [GWZ20, ZXX+20].
Self-certified [LH13b].
Self-deployment [LWH+18].
Self-determination [AP20].
Self-evolving [NAD+18].
Self-gravitating [KMN+05].
Self-healing [AFB+10, GZL+18, dSGD13].
Self-improving [BBD+21, BDT21].
Self-integrating [BCSS20].
Self-integration [FGP20].
Self-managed [CRM+16, LHPC+19, NJHT11].
Self-managing [TBB+17].
Self-modifying [LHPC+19].
self-organising [FGB21a, FGB21b, PCVN21].
self-organized [RP18].
Self-organizing [DD05, FSM88, FS07, MPR+16, dRRRR+18, dRrdQGR+18, SJL+18, VRGR16].
self-paced [SYT+19].
Self-Protecting [SK21, CG21].
Self-provisioned [MG10].
self-reconfigurable [YP12].
Self-regulating [PYH17].
Self-repair [GDR+14].
Self-scalable [KK16].
self-scheduling [DRNMC09, XHY+90].
Self-similarity [DMZ12].
self-sizing [GDR+14].
self-stabilization [CCT13].
self-structured [BMH10].
Self-supervised [KCB20].
Self-Timed [PIKM02].
self-tuning [TCCC11].
Self-Understanding [LG16a].
Selfish [JLQ+17, JXC+19, PBV+13].
selling [SSHC19].
Semantic [ARP14, BPC+14, CDRS20, DNW+19, HB08, HC17, HQ10, KARP14, LWZ+20, MRS+18a, PBC+11, RVST17, STK20, SGP+20a, Sun10, WZL18, ZL04a, AD18, ABTF16, AHYF19, ACMM19, AGA16, AGA18, ACC+16, BAGRB+20, BDH14, BX04, CPSRG14, DLZ+14, DT16, DDD18, DMMM11, FLR+16, FC09, GACM17, HK88, Hal88, HS8+18, JC08, LA19, LXL+17, LZ20a, LWLW21, LvW14, LC20, MPCAF15, NAM+19, ODC19, PSvL+20, PTT12, QG20, QGT+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17, UZ11, VGBLGS+06, VPT+10, WLLF16, XKK20, XCGD10, XLZ+14, XWL+15, XZ20, YLGGZ21, YCZJ18, ZS10, BDF+16, CAS+16, LWHC07, LvSw+04, LKA+19, WC06b, WFQ+10, Zh07, Zh10].
Semantic-aware [BPC+14, LWZ+20].
Semantic-based [ARP14, KARP14, PBC+11, STK20, ACMM19, LA19].
Semantic-supported [HB08].
semantically [AAF18, BCMA07, Li10, PSW+14, RGVGGSSZ14].
semantically-enhanced [RGVGGSSZ14].
Semantics [JD94, SpdSR+17, XB14, Zh04, ZS16, Ber00, BL92, CPB00, DFL01, Hal88, HJP92, LLG+16, POMK20, RTHB17, SOA17, TCCW19].
semantics-based [TCCW19].
Semi [ABDO18, CBC+20, AAF18, ArMS19, AC01, BDHK06, DMSCA20, DBS+14, HL12, JCO9, LLZ20, NB04, WHCZ18, WYY+17, ZCWC20].
semi-automated [AAF18].
Semi-automatic [BCB+20, AC01].
semi-autonomous [DMSCA20, DBS+14].
semi-discrete [NB04].
semi-Markov [BDHK06].
Semi-online [ABDO18].
semi-random [ArMS19].
semi-structured [JC09].
semi-supervised
Semi-tensor [WHCZ18]. Sensory [KLMB19, SEKS+20]. Sentence [MZP+19, Nit86, SGL+20a]. Sentence-level [SGL+20a]. Sentences [CZ20]. Sentiment [AAYL19, MWQ+19, RM20, ZWWL18, ALS21, AR20, BNA+21, CC19, DMPS19, GWZ20, GFZ21, GDCGVG20, GGMS18, MZP+19, NRM20, OCBO20, TIA21, UAS+20, ZLZ+18]. Sentiment-based [GGMS18]. Sentimental [VPA20]. Separation [MECRFD20, FdSC07, LZZ19]. September [Ano84k, Ano19l, Ano20p]. September [LZ19]. Seq2Seq [WLZ+19]. Sequence [BMBC20, LJ17a, BORM07, CS05, DMR93, DCS+07, KKvdB+17, NGB18, VR12, WSL+19, YD05]. Sequence-based [NGB18]. Sequence-to-sequence [BMBC20]. Sequences [GIPS20, Le01, LLP+20a, LJW+19a, ML19, MP02, KT+08]. Sequential [CKFJ06, CGL15, DFL14, FZT+18, JBA94, KMC18, LYMZ09, LUS+10, MWYC12, TNY17, WHCZ18, YGY+19]. SEQUIN [BCPS03]. SERA3 [LZZ+18a]. Serial [LLP+20a, RS94, SGL+20]. Series [Ano86i, IB20, CJJ20, GIKZ05, HHS+18, LFWV05, MZH+17, MFT+17, NA19, SOKW+20, ZWL20]. Serious [AW19]. Server-aided [LYL15]. Serverless [MGZ+20, PMCC18, EET20, GAMC19, KSS19, RR21, RFP21, SWCP03]. Servers [BR18, CLH10, DZZ+15, JJH19, JWP14, JZWL17, KAEC+18, LPE08, QWR+20, SMA08, WWC+97, ZWW+13, ZTW+20, vKL+19]. Service
[ANE13, AJY15b, ACC+19c, BZS18, Cha14a, CBS17, FMN+17, GdOA020, HSBE19, HB19, HCK20a, HCK20b, JY15, JGB19, KK19, KT17, Lj17b, LNL19, LZL19, LYW+16, MJRM16, MZZ20, OF07, OVK+09, PRS12, SCL18, SST18, SMG18, SS17, SZK18, SZW+19, TSBH11, VDTK12, YG18, ZWJ+19a, uRK17, Ad14, AAB+10, AAAQJ+18, AFSH+18, AFSH+19, ASHO20, ABAP19, ASAM20, AWM+13, AK14, AB18b, ADF+05, Ano12r, Ano08, AL20, AM19b, AAR+20, BBC+17, BAA+19, BS17, BJA+05, BML18, BSCC06, BBT19, BSK+20, BCDP12, BYH+20, BPC+01, BGK+05, CMZ+12, CPDJ13, CCT13, CMB17, CCP18, CPE+17, CMG+19, CKFJ06, Cha14b, CSL17, CSL19, CSY+20, CGST09, CRWZ19, DCGM20, DCS+07, DLW07, DVD12, DWZ20, DDr+07, DM12, EK11, EAED18, EGI18, FLR+16, FDI2, FTF14, FBW13, FFB13b, FA11b, GMMA18, GHY+18, GVUR1V14].

**service** [GJGB19, GA13, GAJP18, GPK05, GSKS20, GMEL08, GHJ+19, GGA+17, GLJ19, GPVN19, HIA18a, HA16, HA18, HC17, HJS+99, HJW+20, HSH+07, Hua05, HLT+18, HCX+19, HLT+19, IGB+19, JGFB18, JTL+19, JSS+12, KHHV21, KZA+18, KSF+13, KTKN11, KK10a, KKB14, KPA17, KUr18, KSW+13, KK16, KIC12, KK14, KCCL18, LPMY18, LL03, LvSW+04, Li15, LLW+18a, Li20, LD17, LDJJ19, LGDS20, LQYL21, LKA+08, LJW08, LWS+12, LLW+12b, LX13, LDS+18, LSR+18, LLT20, LXL+19, LZZ+20, LSMV14, LS08, LLW+18b, LMH+09, MLL15, MCL+16, MZH+17, MCL19, MDZ+21, MLI11, MLM16, MHZK18, MAD+16, MEW+19, MHA08, MRS+18a, MV09, NK15, ORLV20, ÖE13, Pa06, Pa13, PC18a, PKC04, PRS+13, PSVE+20, PRSR14, PDT21, PBA18, PTM+18, PTT12, QZD+18, QMCX20, RZ16, RCR21, dRRRR+18, RMVG+10, RB18, RHMGC14, SVC+07, SJJ20, SGY+07, SBLW14, SSJ19, SHK20]. **service** [SLSS19, SPS17, SKS17, SRK18, SDC11, SMBMT+18, SPBT07, SMZ+16, SSL+18, SLV+19, SDH+19, SAC11, STH+06, TDLC17, TJW10, TSL+18, TGM+19b, TBNF09, TAKV12, UGBM+17, UDST19, VCE+19, VDK12, VOS12, WWC+97, WLZ+16, WSH+17, WWH+19, WPY19, WGLH20, WLY+20, WSH09, WZ13, XSSMS15, XWW19, XCGD10, XLY+17, XRPT18, XZC+19, XW13, YKL+07, YCL+19, YGD+21, YXL+20, YW12, YH19, YVCB10, YKK13, YCZJ18, YLA18, YCS+20, ZAH+20, ZYG20, Zha20, ZTC20, ZSL+19a, ZZ09, ZGS+13, ZSLH18, Zin18, vdPGZ+16, CLM+16, EMJ13, GMEL08, GVdB15, IDKD19, KLMM+03, KTM+08, LPD+13, RA12, SCH+17, YPF05].

**Service-aware** [SMG18]. **Service-based** [OVK+09, BBT19, GAJP18, HJS+99, LMH+09, TBNO09]. **Service-Oriented** [BZS18, SCL18, AB18b, BAA+19, CPDJ13, CGST09, EAED18, EG18, GVUR1V14, Hua05, HLT+18, LvSW+04, LX13, MHA08, MRS+18a, NK15, ÖE13, SSJ19, SAC11, TAKV12, YGD+21, YCS+20, GMEL08].

**Services**

[AFP07, ABP18, AM17, BMFC07, CFP+19, DA18, ETH20, HM19, HX+17, LKA+19, PZY16, TDC+20, YAP16, ABMC18, APBD17, AT11, AH16, ARB12, ABT20, AMM+19b, AE10, BKS+14, BBW08, BAV16, BCN+19, BPCM21, BZ19, Be16, BBB+20, CSV+12, CdCD07, CPD+15, CMN19, Che13a, CAC+15, CWM+20, CYW+19, CDB+19, CGL15, CTT07, CLM00, DQC+19, DMPG17, DX14, EAS+18, EYY19, EBCP18, FYHY15, FD17, FFPS10, FLNP05, GPR00, GVCUG20, GBV13, GMC13, Gvd15, GAY1C18, GAi+18, GGG+03, GZG20, HZC10, HML07, IFD+19, JRF+07, JC09, KJ19, KAD14, KH18a, KK16, KFS0, Kyr19, LLMP13, LJS17, LKJ+19, LG08, LPY+18, LHD+20,
LLFQ21, LDW^1+21, LMA^1+19, dTGC20, MBM^1+20, MCT^1+15, MDT^1+20, MFP05, MTV05, MVG^1+14, MS01, MC04, MHA09, MPPM09, MM18, MMLO18, NV11, NZL^1+15, ODK^1+17, OB17, Opp00, PVN^1+12]. services [PK09, PH09, PLW^1+19, Po98, Po99, PZY17, PPSS06, PKI^1+18, PFS^1+13, PEG05, PBB^1+15, QCD16, QF08, RSSL21, RZ16, RB13, RHH^1+19, RW18, RGVGGSSZ14, RG04, SRZD15, SNN^1+20, SPMC10, SMPC12, SEKS^1+20, SBK^1+16, SB19c, SBMN21, SSK^1+19, STB^1+19, SCN^1+14, SLJ^1+06, SZZh0C04, SGC^1+18, TDTL20, TS08, TGM11, VAR14, VGBLGS^1+06, VS20, VMSRM12, VSP^1+14, VPT^1+10, WRCC17, WDVK19, WG13, WCC^1+09, WHY^1+17, WHYZ18, XB14, XCL^1+20, YMLIT13, YAO14, YCX05, YKO17, ZCW11, ZCLW18, ZLT^1+19, ZWQ^1+19, ZPQH21, ZWJ04, ZaTZ17, dSGD19, dACNC16, AKMK05, ABS11, RVST17, CJS19]. serving [CZM^1+18]. Session [Ano86b, LZYC13, KMC18, dSBN19, OVK^1+09]. Set [WH19, Zna94, CsdCM^1+17, CGH04, DL04, HXWV18, L019, LYY^2+0b, NK18, OB19, PSH^1+20, RNJK09, WLW^1+21, Xia06, YLG^1+16]. set-splitting [CGH04]. set-Union [WH19, HXWV18, OB19]. set-up [RNJK09, Xia06]. Sets [BR18, ABMMC18, AB19, BCW01, CPE^1+17, DB99, ECPP17b, EA17, HAB^1+06, LGH97, OKN^1+20, Sin07, WTG^1+14, XYZ05, YAO14, ZLD^1+03, vdR87f]. setting [Sec20, WM07]. settings [FFL^1+19, STK20]. setup [MD12]. severity [ATX13]. SFaaS [KCCL18]. SFC [CWL^1+19, LN18]. sFlow [UPD^1+20]. SGrid [LvSW^1+04]. Sgurev [vdR87c]. SGX [CDMR19]. SHA [LC17]. SHA-3 [LC17]. Shack [MAPA19]. shades [CPMG19]. shadow [LYFZ20]. shadows [DS04a, Sch98]. shallow [JL21]. SHAMC [WYS20]. shape [BBL^1+05, LKG08, XJZ^1+19]. share [DSS19, NP06, TBO20]. Shared [KGX95, PMBM95, TSB20, BK97, BOP^1+14, BBSSV92, Ber98, BBC^1+12, CR92, CYH04, CCL09, Cin10b, DFC^1+08, DPS16, FP03, GMP^1+16, GB99, HH98, HHS98, KMB16, LTN10, LWSC07, LBU^1+10, LL20, MVLJ21, OB04, PADD03, PY00, PH94, RCOP^1+11, RCD03, SF06, TC06, TSYH04, WYJ99, WLYL20, Wu16, YIA17, YDT19]. shared-image [FP03]. shared-memory [BK97, CR92, LL20, SF06]. shared-nothing [KMB16]. shares [AIM^1+19]. Sharing [DL00, KCR20, QWCW19, AM19b, BBM^1+03, BJM^1+17, BC01, CCLT19, CD16, CTT^1+08a, CWD04, CGFC20, CFC^1+20, CCS^1+0, CLC^1+19, DZ04, DGS09, ELAEAVAM19, ELvD^1+96, Erd13, FSM^1+16, GGC17, GCTLA^1+19, GG10, GLB^1+18, HLYW17, HMA^1+18a, HYF18, Kad20, KS11, KK20, KLM19, Lea13, LJJW13, LZZ^1+19, LAL^1+15, LHL15, LWYS18, LLL^1+18, LEW19, LL16, LWWZ^1+19b, MM08, MM18, MML018, PIP18a, Rao17, RBC^1+15, SMKC20, SHBP10, SAQL10, SBG^1+09, SLS^1+20, SCY01, SSL^1+19, SAR18b, SSB13, TKK^1+14, TCN^1+14, TCH19, VGD^1+19, Wan19, WZDA19, W18, XCS^1+18, YLN15, YZW14, YZC19, ZGL19, ZZH15, ZWX^1+20]. Sharpening [DCZ20]. Shedding [SB89]. sheet [FZT^1+18]. shelf [RV95, SMM^1+14]. shell [KTY03, PMMG^1+20, Tab06]. Shells [TA96]. Sheltering [DR15]. ship [BRL19, Suz89]. Ships [SME^1+12, SME^1+16]. SHM [SCL18]. shock [KnI89]. shockable [AFO^1+18]. shocks [MD16]. shop [ABMS18, BZMY10, DDV92, ED04, LEXH20, RNJK09]. shop-floor [DDV92]. Short [KLJS19, XCL^1+20, CHW^1+20, CLQ520, DW20, JLS19, LCY^1+19b, MZLT21, NED^1+20, YLZ21, ZHW19, ZNC^1+18]. Short-Term [XCL^1+20, KLIJS19, CHW^1+20, CLQ520, DW20, JLS19, LCY^1+19b, MZLT21, NED^1+20]. Shortest
GAI+18, GJC+20, Ham19, HC17, HHH+19, HSS20, HCZW17, HMA+18a, HMA18b, HX19, IB20, IHA+20, JBC16, JAAAZB20, JKS20b, KJS20c, KG+19, KLJS19, KAS+18, KFK19, KGO+20, KS18d, LRGJ19, LNK+18, LCL+20, LDLS20, LQS+20, Li20, LLFQ21, LJL+21, LXZ+20, LKFB18, LML+19, LN+19, LBY+20, LGYC20, LGL+20a, LSV+18, LGKA21, LCY19a, LCY+19b, LLV+18b, LCLIW21, MCN+18, MLC+18a, MK17, MVL+18a, MDT+20, Mat18, MAC+21, MKK+20, NAGD18, NWMG17, NWL17, OMSL20, OCW14, OsM19, PJB20, PSAL20, PAS+20, PC17, PZHD20, PRL+19, PPS+18, QQ20, QCZ19, RGN+18, RSBM20, RAS+20, RPP+20, RGSL18, RLQ+21, RaDARP19, SKB20, SNM+20, SRdlPG19, SVN+20a, SB19c, STS+20, SP18b, SSL+20, SKH20, SAG19, SKX+20, SAVS19, TGM+19a, TCMV20, TOD17, TIZL+18, TLMP20, TLL+19, TDL+21, TWZP18, TAM21, TCB+17, UGBM17, WDJC18, WHBC19, WGC19, WHZ+20, WZT+20, XYL18].

**smart** [XL+18a, WXLC20, YJS18, YWG+20a, YHW+20, YSHM19, YWH+21, YU21, ZZY+19, Zha20, ZTC20, ZWH+20, ZXD+19, ZXD+20, ZZZ+21a, dSK+19, AR18, AL14, BCM20, CGSV17, FAMA+17, GXL+12, GMLGB+17, HSL17, hKRM17, KADJ14, LSL+15, SK20a, TAS+18, UPP17].

**Smart-citie** [AT18b]. **Smart-Cities** [Sta17b]. **Smart-grid** [AT18b]. **smart-spaces** [AT19a].

**Smart-troubleshooting** [CFK+20]. **smarter** [APBdI17, BOL+20, FRM+18]. **smartification** [BZ19]. **smartphone** [AB19b, HUMA18, HOV20, VOCHC17, OMD+18]. **smartphones** [Gur21, WWVJ17, YYD+14].

**SmartSantander** [DDMPG17]. **smear** [ZWH+21b]. **SMILE** [STTK03]. **smishing** [MS20, MS20]. **Smith** [vdR87e]. **smooth** [LSW+19, ZY04]. **smoothening** [ZH20].

**Smoothing** [DV13]. **SMP** [BSG+05, BTM10, CRE01, MTKS00]. **SMR** [CCL+21]. **SMR-based** [CCL+21]. **SMS** [CYZK15, MS20, PCK19, RSB20]. **SMT** [PAB+14]. **SMT-based** [PAB+14]. **SMusket** [EGDT20]. **SN** [RMDB18]. **SN1000** [CGSZ95]. **snake** [RDSA18].

**SneakLeak** [BHL]. **SNIPE** [FMD99].

**SNMP** [GoOAO20]. **snoop** [Yam92]. **snoop-cached** [Yam92]. **snooping** [DSS98].

**Snort** [SI18]. **SNR** [RJN+19]. **SNUSE** [DEL19]. **SOA** [BDP11b, KHH21]. **SOAs** [KB09b]. **SoC** [DQC+19, QZM+18].

**SoC-based** [DQC+19]. **Social** [AC16, AJJ+21, AMPP19, AMR+20, BAGRB+20, BCJT13, DMPS19, DCF19, EGVT18, HPP20, KZA+18, LSAM13, NJ18, NJ19, OMSL20, PLLP19, PY18, RQN+19, RCKZ20, SANC+21, SP18a, SRP19, SWW+20, WZWW18, YLKK20, ZCYZ18, ZG18, ZSGJ19, AGdS+21, AUS19, AKP+18, AYHA20, ALS21, AQRH+18, AQR+18, AT19a, ABG18, AES1+21, ACM+18, AMPS19, ATM+19, ACM+21, ACD+19, BCDV+19, BCM20, BTP19, BPLFR20, BR20, CaVLC21a, CaVLC21b, CWJ16, CGM+18, CHY+18, DFLO17, DFG+21, DG509, DY+18, FPL+19, FIABC+20, GSF20, GJ18, GBY16, GTSAR+14, GWC+16, GGC18, GSN+18, GGMS18, HA19, HCC+14, HAM18, HMC19, HYF18, HMLS20, JLQ+17, JXG+19, JWW14, JLD+19, KS19, KAS+18, LRL+14, LC+18, LZP+18, LY21, LLW+19c, LLG+16, LLL+18, LWWY19, LVCC21, LLAW17, LJW+19b, LGT+20, MML+18, MYHZ18, MNC+18, MVG18, MBL+19, MLW+18b, MSM+18b, MCG+15, NBB18, NZOJC+19].

**social** [NJ17, NLM+16, NO19, ODC19, PBL+18, PPG+20, PPPS18, PBA18, dAMVULM20, PP20, QGX18, RAA+20, RPdVR20, SOD18, SB19c, SGL+20a, SCZ+19, SA19, SB18, SKS+18, SGBK19, TL19, VMCM+20, VMC+20].
WWVJ17, WRCC17, WJLW18, WDD18, WSN18, WGLH20, WCY+20, WSX121, WMA+19, WMA18, WM21, WAL18b, XCS+18, XXX+19, XLL20a, XWjZyF19, YMLT13, YZL+18, YXZG18b, YCXW18, YWW+17, YL18, YLA18, YLH+19, YVV+20, ZSJ19, ZYL+20, ZLL17a, ZZH+18, ZNC+18, ZCL+19, ZZZ14, ZZL18, ZSS+18, ZCDV19, ZWJ19b, AMQ5+19, GCCPGBGS10, HZW+18, HPY20, HAT19, IJCR19, JBM+18, LKCS18, MQ6+19, RC18, RC19, SYJ19, SSW+19, YVW+20.


Soft-biometrics [TA19]. Soft-computing [Hab05]. soft-error [WYG+20]. Software [AO06, BHH91, Cas94, CWL+19, CS19, DO15, GRCP+17, GTSP+19, HAB+20, HYL+20, JAADD+16, KB18, KKvdB+17, Kow84, Kow85, Mat91, Mat89, MGM+20, MKRD19, NAGD18, Sch94, SK7, SMG18, TDSH16, TD95, TSTD16, WRK+15, ZTP20, AAB+92, ASASA+20, ACHP19, AMB03, Ano87b, Bea03, BBL+05, BHH92, BDK+20, BKL01, CMZ+12, CY12, CWM+20, CJK+18, CKP+19, CDPD19, CDMR19, CGS95, Cur92, De 98, GZLZ16, GBVG17, GJS+94, GHYK18, GCK98, GXL+18, GZF+20b, HA16, HA18, HZC+08, HLvL+97, HZZ+20, HYG+19, HLIH+20, Hum92, IMV390, JAAAZB20, Jon00, KHG+18, KOl18, KKK16, Lee12, LBM18, LGP+19, LWSC07, LLW+19c, LDO06, LLS+14, LRC+18, zLSZ[X20, Man20, MB01, PLL+18, PSLZ18, Poh87, QCY+19, RMA+20, RA12, SF19, STTK03, SMS14a, SLZ95, Tak05, TWI20, TBK06, VSDD13, WHS17, WZWC18, YLJ+17, YZJ+20, YLHY19, ZWJ+19a, ZL13]. software [ZBCT17, ZSS18, ZHX+20, ZWY+21, ZMN99, dSK+19, BRH18, EMJ+13, IDKD19, RGLS18, RA12]. Software-as-a-Service [EMJ+13, RA12]. Software-Defined [CW1+19, HYL+20, MGM+20, SMG18, GTSP+19, HAB+20, ZTP20, ACHP19, CKP+19, GHYK18, GXL+18, GZF+20b, HZZ+20, HYG+19, QCY+19, YZJ+20, YLHY19, ZWJ+19a, ZBCT17, ZHX+20].

Software-Intensive [DO15]. soil [LNJ04, ST98]. soils [SDT18]. solar [ZC05, TTC+14, ZLXH20, GCCPGBGS10]. solar-powered [ZLXH20]. solid [GNOY01, PLZX19, WKZ+03, MPCAF15]. solid-state [PLZX19]. solubility [HHM+19]. solution [AYHA20, ATH+19, BS17, CGH04, DSS+19, DMC+18, FMM+20, GHY+18, HCL+17, HXY13, IDKD19, IHA+20, KA09, KN1+18, LZZX16, LGM+20, MGV+18, PIP18a, RWG21, RPMG10, SJR13, SS03, TM20, TDSH16, VRS+19, WTG+19, YLN15, ZAH+20].

solving [MN+19]. solutions [AR17, ACL+18, AAC+19, ABT20, BCP18, CSdCM+17, CCR18, EGVY18, KS18b, LKA+19, Oi14, OMPSP+19, PAS+20, PAL+19, PMY18, PDH18, PWA+19, QCD16, ZEO98, ZEO01, dCRL+19, dCTV18]. solvability [Ned06]. solve [De06, ED04, MECPF20, SSG17, ZCS18]. solver [BG05, ID98, MMV08, PH94, SGFS01, SCC04, vM94, Jon00]. solvers [BJHN05, BRMN04, BGC+03, BEWZ10, NHT06, dSL98]. Solving [HPP94, KKS08, LEXH20, SG04, YPF05,
Some [Luk89, MDD89, Pal16, DS99, DR03, 
KAW12, Man15, Mid01, SZR18, Kat04].

SPAME-Bus [Kat04].

Sophia [Zna94].

Sophia-Antipolis [Zna94].

Sophisticated [BeKT8+20].

Sort [MAC17, ZZS19, G1K18].

sorting [CG02, CKFJ06, CCL18, HBCR01].

source-code [BP01].

sounds [CCJ16, DML20, GHW20, SGP20a, ZMP10].

South [HPP18+].

Sowa [vdR87g].

SP [LYFZ20, LZW18].

SP-MIOV [LYFZ20].

SP-Partitioner [LZW18].

Space [WZL18, All92, BORM07, BK20, BW97, 
CL20b, DZ04, DFC08, DL00, DBD14, 
Fuc93, GQLX18, JHC10, JL95, KI19, Laut92, 
LGZY18, LSL20, MSM18b, NHG02, 
NHG03, PCCX21, RFd20, SW05, SCK00, 
SGH08, SMMS05, TMY07, VCL03, 
WG20, WML21, YPHZ14, ZZ15, 
ZYX05, dLLA93].

space-filling [SW05].

space-shared [DFC08].

space-sharing [DZ04].

space-time [WG20].

spacecraft [AFPG91, AFG19, CSC92].

Spaces [DP17, AT19a, BMS05, BR18, 
LSS14, SNC18, SAG19].

SPAN [EAA16, RSB20, CYZK15, CWZ17, MK20, 
SB18, YPX20, ZZPK21].

SPAMINE [AVPV17].

spammer [GTG21, MK19a].

spammers [AM19b].

Spanish [GDCGCPVG21, dAVMULM20, 
SGGCR16].

spanning [CFL18, Luk89].

SPARC [AG92].

spare [SGbKS19].

Spark [GLVC18, LZW18, SJ18, SJ19, AYHA20, 
CSG18, EGD20, GMF20, HSY17, 
LWR19, TZZL18, WDG20, GWS20, ZHW19].

Spark-based [EGD20, GMF20].

Spark-on-Yarn [ZHW19].

SPARQL [YGR21].

sparsity-aware [MQL19].

SPARTAN [SGP20a].

Spatial [ATT19, CMNK19, GRL11, ATS14, 
ASAM20, Ban05, CGN18, CAL18, Coo00, 
FX07, GFD14, GPWL20, HMC19, HQLH20, 
HYSH20, JA20, LWZ19a, LLS19, LSL19b, 
MTD18, NWD18, NZL15, SSS17, 
XWLC20, YXZG18b, YDT19, ZS14, 
ZLT19, dFVPSHL14].

spatial-temporal [CAL18, NWD18, YXZG18b].

SpatialHadoop [GGCIV20].

SpatialHadoop [GGCIV20].

Spatial [HYC04, SSP17, ZWYH19, DWZ20, HSvB20, 
KHL20, MLW18a, QNM19, SGP20a, 
YWH21].

Spatial-temporal [HYC04, 
SSP17, ZWYH19, DWZ20, HSvB20, KHL20, 
MLW18a, QNM19, SGP20a, 
YWH21].

spatiotemporal [CPT20, GHW20, 
NLO20, WZW19b, WGW20].

speaker [ZDM19].

Spec [MHZK18].

Special [Aba06b, ADALZ14, ABM97, AR07, AC10, 
AR10, ABMS05, AYC20, ACY21, AM10, 
AMNZ20, AKPT20, AHWB20, BGL08, 
BB13, BDT21, BN06, BDF16, BLAV06, 
BB12, Bioc05b, BR10, BRHHH18, CMA11, 
CRSDS10, ChK11, CC11, CS11, CSYH18, CF09, 
CGD10, CPSRG14, DPG20, DLP06, 
DFRW17, DKD08, DDM18, DDPS14, 
DT08, DDB14, DO15, ETH20, FA11a, 
FM10a, FM08, GZP20, GR09, GA06, 
GMA07, GMS09, GMP18, HBl05, HY216, 
HKT10, HMK06, HJC10, Igl07, JO11, 
JS12, JY15, JL08, Kt08, KZ14, Kim07b,
hKcF09, LXLS09, Lec12, LS10, LNB14, MBJ+20, Mes02, MOK06, NFK10, OM10, Ole07, PH07, PX07, RW13, SZV19, SGM11, Šle14, SDBdL06, SbdL09, SPEW09, SD07, TCG14, TBK+10, TKRA14, TbdL16, TDC+20, VLK09, WSB+15, XZ11, XLZ18, YGS16, YMS20a, YMS20b, YDK20, YJHZ14, ZA20. Special [ZBB09, ZTP20, ZSH12, Zhu07, Zhu10, ZAP05, dGST21, ADLW12, ARB12, CRW+16, GVzdL18, KJ12, PC18b, ZWH21a]. specialized [DGK20]. Specific [JC15, BFK02, Deh20, DR05, HAB+20, KZA+18, KANS18, PNHH99, SCZ+19, WBF08]. specifically [RLRC13].

Specification

[DQBS20, Pro07, ATJ.MZ02, GGW+09, zLSzZ]X20, MCF+11, RPF21, RHJ20, ZZ09. Specification-correct [Pro07].

specifications

[ATAC+16, ABK94, BDFP05]. specimens [FGCM07]. SpecMiner [KHHV21]. spectra [CGR+07]. Spectral

[BvdHN+01, RJN+19, DNW+19, GHEB+18, LJJ18, Mal94, MLZ+00, RCM17, WX21]. spectrogram [WZY+19]. spectroscopy [GPH+94]. Spectrum

[DSBC19, LSG18, XLCB20, ASA+20, GPH+94, JSS+12, Kad20, LZJ+20, ZHGXX20]. speculative [LAL+14]. speech [WZY+19, YXY18]. Speed [CZM+18, HGM15, SF19, ZTXX9, AB03, DJJ+18, HDB18, HG92, HAB+06, JH16, Kas85, KC19b, LC01, LSH+11, LYS12, MWL18a, MF05, MAPA19, RPA+18, SRG+03, TYWZ18, UCO20, VBSN19, DSBC19]. Speed-adaptive [ZTXX9]. SpEED-IoT [DSBC19]. speeding [GBM20].

speeding-up [GBM20]. speedup [PJDO13, AB03, ABMS05]. SPFCNN [ZSQ+19]. SPFCNN-Miner [ZSQ+19]. Sphere [VSvD94, CIJM20]. spherical [Tab06]. SPIDER [FSP02]. spill [FCD+14]. spills [MSS02]. spin [Coo90]. spinal


spot

[CLRL18, DR18, FEÁ19, JTB13, LJD18]. spot-checking [LJD18]. SPP [SSMG95]. SPP-1000 [SSMG95]. spread [WJLW18]. spreading [DYC+18, SSZ+17, XZD+21].


[CHHW91, FTK+14, SH19, ZF16]. stack [YW21, BPLFR20, PDK10]. stacked [LCL+18, RSY+18]. Stackelberg

[CLY+20, LN13, SSHC19, SSJ19]. stacking [LYC+19]. stacks [MAB+20]. Stag [ZSS+18]. stage [ASA+20, BÒ20a, CKL20, GKB+20, LHY+20, QZD+18, SCR20, SLC19, TBO20, XLS+21, ZHP+21]. stages [AAJ17, KN10, KW20, UZ11, ZCWC20].

staging [CHW+20, MTMN08]. stakes [CND+19]. stalemate [Chv87]. stalking [EA13]. standard [RNR18, ZMN09].

standardization [Kob92]. standardized [BAB13, MEBA12, WBLK16]. standards [ACW19, MLD08, RS94, SDK19]. star [KSAOK08, LLPC12, DW20].

star-topology [LLPC12]. StarCAVE

[DDS+09]. StarPlane [GMM+09]. stars [DAA+21, vV85]. start

[BKY18, KMT14, TJJ+15]. starting [BR20]. State [CsZG+13, CN98, GBY16, LZXX20, SG+20b, SJ+15, SGL+19].

start-up
WW13, XWW19, dCTVC18, ANG+19, BDHK06, GHLW18, IDM+20, Kyr19, LCC19, LTC12, LQW+20, LSL+15, Mér17, PLZX19, TPF+20, Van87b, VP20, ZWZ+21. state-aware [LQW+20]. State-based [WW13, Mér17]. State-of-the-art [SGP+20b, dCTVC18]. state-of-the-arts [VP20]. statement [Leo01]. statements [Leo98]. states [REM04, Tul04, Wi84].

Static [ABG17, ATT+20, BBB16, HPLL09, GL05, KYY+20, LLY+20, MYM+21, OS06, SDTA19, SMS14b, TGJ+20]. station [XTL+19]. stationary [CZT+15, GHEB+20, dCTVC18]. state-of-the-arts [VP20]. state-of-the-art [Leo98]. statements [Leo01].

Statistical [LCGPC19, ASA+19, MR19, ZMZ+19, ZMZ+20, Ald89, BMP+16, HF19, HPS97, JZZD21, KHWZ18, MCA02, MKC+21, NTHH20, RS16, SHT+21, SCH+17, ZZ90]. statistics [Pan95a, WSN18, vdR87k].

Stealthy [HII+20, ZZXH20]. steel [YLL+19]. STEER [LWHC07]. steered [PHM+99]. Steering [LBK+10, WCKW10, LJPS05, LBB+09, MDQ+15, MvLvW98, MrVwL99, RMCN+10, SSC+19, SCC+20, VMvW97].


Stents [HZL+21]. step [CP06, KRZ12, KW20, Kos95, YXA+18, JLSQ18]. steps [KW20]. stereoscopic [OMK+19].

Stigmergy [DBT00]. still [BKY18]. stimulated [Dho20]. stimulating [JFDFO9]. stimulation [NDZ+18a, NDZ+18b, NDZ+19]. Stochastic [CCL+20, FBM19, FAU+19, SLD+15, BK18a, CLRL17, CKR04, Gue01, HWS07, Li15, LCW+20, LWZ18, SMS14b, TLL+11, ZZF+19, BP02].

stock [Che14, JHC18, Lin18, Yam89, ZL21].

Stokes [ID98, vM94]. stone [HZX+19, HZX+20]. stop [VCK+20].

Stopping [AAP21]. Storage [SRN+18, ADM06, AR15, AKCY+17, AGA16, ADDV16, BWX20, BSR18, Bha18, BBB+19, CW16, Che13b, CCL+21, CBT+19, CDL18, DLR+09, DLZ+14, DLI+17, DKK+13, DLH+17, ED16, ED19, FH13, FLT+19, FLG+20, GTSA+14, GTP+19, GGSZ09, GG10, GLB+18, GZQ+19, HSM13, HDO16, HNKO18, JSC+15, JCL+15, JKL+20, JKS20c, KK97, LZZ+17, LHL20, LYYF20, LSH+11, LFH+15, LZZ0b, MPP13, MYW+19, MPCM+18, MAB+20, MAA+19, MM18, MKRD19, NJW+06, NQ+07, OB04, PWYX+17, PPGS+20, RP18, RTS+16, RLO+21, RA+18, SJT+18, SY+17, SCP+21, STC15, SGBK19, SSSK13, SMS13, SCH+19, SYQ+19, TSLW17, TSL+20, WCF+15, WZH+18, WLA17a, WLA17b, WH17, WBT+08, WLML17, XFL+16, XLL+14, XJWW15, XWM18, XYM19, XBB19, YCAS03, YZW14, YNY+14, YZN+15, ZWF14, ZW+16, ZCY+19, ZZL+20, ZJWZ04, ZW10, CHHW91].

Store [WHZ19, YFY+13]. Stores [TQC20, dVGs+20]. stories [VPA+18].

Storing [LLCF11, LZL+17, SW17].

STORK [TOS18]. Storm [CW+20, FZ20, WSQ+18, FPR18].

Storm-based [CW+20]. story [ACM+18, LJ19a]. STPCyber [NYH20].

Stragglers [OWX19]. Strategic [vdR+17d, BM08, ECPF17a]. Strategies [MGV+18, PR95, AS19b, ASD12, BBT+19, CPD+13, DFC+08, GJS+04, HCJ14, LPB04, LB09, LWT19b, LSMVML13, MM03, RMBMT21, RGC+10, YGC+13, dOOO+13]. Strategy [ZZLR18, ABM18, AMB+20, CMX+20, Car86, CWJ+18b, CS12, DMZ09, FN00, GJGB19, GSB+16, GLWP20, GHRG+20].
HA19, HCL07, HWZL08, HPLL09, KKL06, LVH08, LYMZ09, LFL+17, LQYLY1, LS01, LSG+19, LGL+20b, NQQL13, Qin07, RM97, SSL12, SK05, SYL18, TWG+19, WZZ16, WCM+19, WYJ+19, WMC+19, WML+21, WS10, WW13, XZD+21, XWL+18, XWJZyF19, YLWW18, YLMC10, YMY+17, YDQC19, YCS+20, YK17. **StratFram** [BBT19]. **Stream** [CLNR18, AdAHK20, dRADFG18, ACC+16, BGC+19a, BGR20, BVFGWA15, BVFGSF20, CWB+20, EMHE18, EMHE21, FPR18, GS95, GGK20, GRX19, HRVW18, JHK20, LOR+18, LSD11, LM90a, MSG+20, SSL13, SGL+19, SGL+20b, VMV20, WPQN18, WHMO13, WLW+19, XKK20, YL16, ZSB19, uRLW+21, BGC+19a, SHY+21]. **Streaming** [SCC20, BGNBH+20, DBNP13, DHV+17, FCGPSG+21, FMR05, kHsZwJW18, KWK16, KSK+11, LZW+18, MSV+20, MBC+11, MCAS19, MYK16, RRGH18, SGP+20a, SST+06, SKF+09, SKF+11, SLDK03, SHY+21, TWI20, TCN+16, WLL+19a, WdL16, Wei11, XWW+20, YLKK20, Yu21, YMD+13, ZBTV+20, ZCK+15]. **Streamlining** [WBKL16]. **streams** [CFM17, CIJM20, DGD+16, FSV+19, GACM17, LLP+20a, LCCM18, MPP13, MTD18, PvvSS17, RBLvM14, ST20a, SDV+21, SGL+20b, TSRG17, TCBRP16, UMBH19, WSN18, WFL+20, YARH18, ZJW+20, ZSP17]. **StrRed** [NZQ07]. **Street** [AR18]. **strength** [AKM18]. **stress** [BBJ+06, OS06]. **stricken** [WZT+20]. **Strict** [ADMG20]. **string** [LHCC18, MM03]. **string-wise** [LHCC18]. **stripes** [vV85]. **Stroke** [TJ18, LGC+21]. **Stroke-order-free** [TJ18]. **Structural** [ARP14, HJP92, Lop03, ARB20, BGR20, LQNW20, VMC+20, XPL19, YDL+20, ZZF+19]. **Structure** [BKM03, KS18a, KKL09a, MH+20, PC18a, WZL18, ASV+13, ANN+92, BM00, CWL+18, CD16, CLS+19b, CCG07, Coo90, DZZ+15, DLW86, HOV20, LY17, LY18a, Lin84, LYT+05, Nit86, ORPPG20, PLL+18, SGBK19, SVN20b, TMT+07, TM20, WXS121, YK17, YNL19, ZQZZ09, ZFY18, ZZBZ19, ZB19, ABK94]. **Structure-aware** [PC18a]. **structure-based** [SGBK19]. **Structured** [CDG+14, HB09, ADT03, BMH10, BFK02, CHSA18, DLP06, JCO9, KX11, KGO+20, LLZ07, PGS05, RHMGC14, SB17a, SS03, VMSMR12]. **structures** [BNNF08, BL92, KWB19, KN06, PPG19, RGCCL18, SB18, XWLC20, WW+20, Yum92, ZZ15]. **Structuring** [LHCC20]. **Sub* [LHY+20a]. **Stuart** [Zad87]. **student** [CMEA+19, FFGP+19, SG20]. **students** [FJA+18, Kim18, WZT+20]. **studies** [Asu13, CBSS19, CPP+18, CHC+20, Cur92, Fuk85, GGH+03, LLES19, MMV08, MDD89, NHG02, NHG03, PKC+05, RSV90, SMS+19]. **Study** [CY88, MI89, SAGG17, DLI0, APR+19, Bal92, BMM+03, BPLFRL20, CGN18, CLAL19, CCT13, CMG+19, CT19c, CHKJ20, CPMG19, DRS04, Dog90, EG+06, FMN+20, GDCG19, GSV+10, GoOA+20, GRS+19, GMM18, HOC04, HMA18b, FGG+18, KEO04, KHJ10, KCI9b, KE85, LKJN+20, LCY19a, MYBMM18, MNC+18, MKS18, MOFGP18, PMG+20, PDDS10, PM14, RYL20, RMJ+18, Rou00, SM10, SNH+19, TC06, WX02, WLH16, WRCC17, WM07, XLL+19b, YGE21, ZM97, ZDL+13, ZNK12, ZTC+19, XLZ14, dOOO+13, vVDBB98]. **Studying** [FAMA+17, SH99]. **Style** [BCL88, Bal91a, LG+21]. **style-oriented** [LGC+21]. **styles** [MS01]. **stylometric** [AMM+20]. **subject** [HBI21, YPCK12]. **sub-directional** [YPCK12]. **subdivision** [GZF+20a]. **Subevents** [NO19]. **Subgraphs** [WLB00]. **Subject** [An092h, An092i, An093i, An094g, An095h, An098c, An001d, An002c, An003i, An004b, An005f]. **subjective** [LL+11, WDG20, XJJ+18]. **subjects**

SubSift [PFS+13]. subspace [ArMS19, CHJ+04, Dat03]. subspaces [HV03]. Substation [ONHT89].

substitutable [SVB07]. subsystem [CPSD18, WTC+02]. subtalar [Bo19, Bo20b]. subtraction [DGA18].

successive [LWXY19, LH20, ZWS+12]. sufferers [NDZ+18a, NDZ+18b, NDZ+19]. sufficient [XWL+18]. suggest [MVS00].

Suitability [KKP00]. suitable [DNNG21]. suite [BBBD01, HBB+20, Reu03a, SPMC10, SCK+00]. summaries [MSKG21].


SUNY [Lit03]. Super [GHO+11, JP18, Kas85, MTV05, MCT+09, QZHH21, WM21, ZHP+21].


Supercomputer [KMN+05, KGLA85, LM90b, SS90].

Supercomputers [Fer84, DFSZ88, DHD89, LM90b, Per86].

Supercomputing [Ros89, AS99, Han03, LPC+95, Mun04, WTC+02, WAD+89].

SuperFine [NS17b]. SuperJANET [Coo94]. supernode [PR95, CGSZ95, AAB+92]. Superposition [YZL+20]. superscalar [BFR05, Goo01, RMCN+10].

superscheduling [MJRM16]. supertree [NS17b]. Supervised [hKBB11, CdD20, HLL12, HZL+21, KCB20, LLZ20, WYW+17, ZCWC20]. supervisor [DMR93]. supplier [ABMMC18]. supply [ABMM18, AB19a, ABGMC19, BDA19, JLQ18, LBJ+18, PYH17, YLL+19].

supply-demand [PYH17]. Support [BCM+95, CLAL19, CLY14, DDO+92, DJPM18, Gra92, HCB+20, SCJ+19a, YMY21, ADBM19, AM21, BBWB+18, BK97, BRB19a, BKB18b, BMP+16, BCS20, CAS+16, CFMC19, Che13a, CY88, DMR93, DSB+99, EP12, FK11, GGTRRC16, GS95, GHLW18, GTK15, GSY+19, HHL11, Ham17, HAA+16, Hum92, JAS+20, JNS+19, KDG+19, KFBKD14, LGH97, LZ10, LPK17, LW20, LLW+20, LLW+19c, LDY+18, MDB+18b, NHG02, NHG03, ONHT89, OVK+09, PM04, Pal06, Pal09, PSvL+20, Per86, PW+13, RZIX20, SB97, SGP+09, SCEC18, TKTG19, VR05, VDK12, VPA20, WLF+09, YAJ+15, YCX05, ZZDM+18, dSGST21, dFVPSHL+14, dLLA93, LPK18]. Supported [DPDS14, JO11, BAR21, HB08, HJA+19, KSM+07a, KSM+07b, LN04, PPS+19, ZZZ+21a, ZAI+18].

Supporting [BMS05, EMB98, Fra08, FHGF20, GJF+11, HQH16, KFBKD14, LGH97, ZFMB20, ZBF14].

Super 

SupRENUM [SS90]. Surface [Alb04, CFG93, GL95, IEG04, NUPA19, RBS93, XYL+20].

surfaces [DY04, ZY04]. surgery [SGL99, WWP19, WWP20]. Surgical [EKB00, WWSM98]. surplus [ZAH+20].

surrogate [AMT+21]. surrounding [SLTK19].

Surveillance [MPI+18, AMBB18, FCGPSG+21, HST+18, HZZ+18, LDX19, RHH+16, RSBM20, TWZP18, UMHB19, ZZXH20].

Survey [DRGC+19, GBB18, JAAD+16, AMI16, ABP18, AS12, Ano84a, Ano87m, AMS19, BMK+14a, BdDPP16, BRNR15, BBI13, FSV+19, FS93, FLR13, GXL+12, HQH16, HAP11, HMZ18, HDB18, Ig04a, IAM+18,
KKKM13, KAH+19, KRZ+19, KHH21, KAW12, LJC+20, LY19, MDO+15, MPP+21, MvWvL99, RLM18, TVB18, VNAMM19, WLI+19, WGM15, WLC+20b, YD21, ZYL+20, ZZF18, ZAI+18. surveying [YWZ+18]. surveys [DGD+16].

Susceptible [TTZ+21]. Suspending [ALM+10]. Sustainability [GLD+19a, AK18b, KPB18, LIC18, SA19]. Sustainable [KHG+18, GZF+20a, HYC+18, KZS+20, YBC+20]. sustaining [BFN18, SZG+19]. SVC [Yu21].


[ANG+19, AC92, BB06, CQT+15, Ctd20, EV96, FSY+19, GI07, GE09, HXY13, MM18, MMM18b, Pan95b, YZC+20]. synchronization-based [ANG+19]. synchronizations [KYZ19]. synchronized [LKK+16]. Synchronous [Dui89, GL05, dRDrDGR+18, AT01, GGLD10, MD92b, OPT+17, ZXX+19]. syndrome [Bo19, Bo20b, KA88]. syndromes [LY+20]. synergetic [XFM16]. synergistic [AMB03, KSS11]. synoptic [DGD+16]. SYNRAC [YA07]. syntactic [GMM18, YLGZ21]. syntactical [KL02]. Synthesis [wZcZN+19, wZcZN+20, BGMN96, RS17b, SK18, TA19, Yos89]. syntheses [SOA17]. synthesizing [LIH+19]. synthetic [JLMR00, MR19, PFMC04]. Sys [MR04b]. Syst [AB19a, BFS+17a, Bo20b, Cha14b, DP20c, FGB21a, HZC+20, HY518, JLC+20, KSM+07a, LYY20b, NDZ+18, NDZ+19, SME+21, WWP20, WCWC20, YWG+20, YQ20a, YQ20b, ZMZ+20, wZcZN+20].

System [AMPP19, APC+20, BZS18, BQI+20, CBC+19, CFH+19, CCM+14, CCKW88, CL20b, DLW86, DP20c, GZPZ20, GCD+18, HRSW99, KCR20, KV17, LSL+17, LZR+18, LSG+19, LSS94, MIP+18, ML17, NHTH20, OSHH96, RT16, RMA+18, SVN+10a, SS17, SK20b, TGB+20, WZB+20, XLLL20, YMY21, ZYA+18, AD18, ABZK15, ABDH19, ACC+05a, ABC+18, ABD+19, ANN+92,
AKCY+17, AQR+18, AASI17, ASBT20, AHYF19, AHN+18, AHMS18, AMR+19, AIB+18, ATT+20, AGJ+00, ATM+19, AS18b, ACM+21, AFPG91, AFP+92, AJPM+20, ACC+19c, ABH18, BAJ+19, BDE17, BG12, BBFW03, BL98, BT93, BBD+21, BSH+21, BPC+14, BCB+20, BG05, BLR98, BPAP92, BW19, BDNP92, CM01, CSTM91, CTT+08a, CGT07, CCT13, CMF+21, CM17, CWSW14, CLL+14, CYZK15, CLH+18, CSH19a, CXHS20, CPT+20, CLDC19, CW13b, CSL18, CAS+18, CGST09, CRC+19, CSC+92, CHJ+20, DLW07, DATA20, DGST09].

**system**

[DVJ+15, DBA98, DMM21, DP19, DRL+19, DCF19, Din03, DIK+06, DHD20, DdisN19, ESFD06, ED04, ELS20, FPX+09, FK11, FMV14, FAI+19, FAMA+17, FPR18, FNA11, FW02, GLM+12, GCCC+07, GVGB+17, GSH5, GHW94, GML+13, GPA96, GCCL18, GGD+18, Gos00, GJKP18, GG10, GE90, HWS20, Han89, HUMA18, HPP94, HKM+06, HDA+19, HIA+18b, HRM20, HZM14, IMKB99, JBC16, JK20a, JAAD+16, JXC+19, JSC+15, JXZ+19, JSZ+19, JOSD19, KKB18, Kaa03, KFF89, KIAD17, KAK20, KBG20, KKL09a, KLR01, KDC+19, KS17a, Koa89a, KLJS19, KKL11, KVIHT10, KLV+18, KSS+21, LCH+11, Lau92, LL04b, LRL+14, LBJ+18, LKS+21, LXD17, LL03, LC05, LZXW13, LCC+16, LLN+18, LSZ+18, LWL19a, LLW+20, LHL20, LQS+20, Li20, LWSC07, LJY12, LSH95, LLW+12b, LDY+18, LLL+18, dTGC20, LF95b, LYW+16, LCV+19b, Mae89, MVL+18a, MJK+13, MD92b, Mat18, MTD18]. **system**

[MP+16, MS01, MAY18, MOFGP18, MGL04, MKC+21, MFVS19, Mur86, MQN19, NWE04, NDA+19, Nis93, NLS19, OFO+99, Ohy98, OMSL20, ONHT89, OOB+21, Öst92, PZC19, PHL98, PdASM18, PK99, PH99, PGC+06, PBA18, Pit96, PP20, PR20, PKSC02, RBGA18, RHH+16, RRP+14, RML+19, RB12, RGM+19, RPP+20, RGS18, Rel06, RWV+13, RSR01, RG04, SKB20, SKT+08, SPK+07, SZP00, SSG+17, SAK19, SI18, SCP+21, SMC+20, SPSEP17, SCL14, SZD+17, SWW+18, SM18, SB16, SLW01, SYCH18, SWL+20, SAVS19, Sus89, Tak89a, Tak9b, Tak05, TTC+14, TSK+03, TNY+17, TMM+13, TTH20, TCC11, TDL05, Uch86, Uch89, UPP17, UK16, UDvdW+18, VSP+14, VPT+10, WCF+15, WMX+17, WWZC19, WY19, WGC19, WZ19, WHA+20, WLD+20a, WYS20, WGW+21, WLP18, XCS+18, XKB18, XKJ+18, XWL+15, XJY+18, XMY18, XXZ20, XWW+20, XXB19, Yam89, Yam92]. **system**

[YMW+18, YCY10, YWL+17, YZL+18, YJS18, YWZ+18, YZL+19, YCD+19, YXL20, YCAS03, YH19, YXY20, YS16, YK20a, YZ12, YZW14, YZS+21, YWH+21, YWA+89, YVKK20, ZYL+20, ZWL13, ZFW14, ZSX+15, ZGL+18, ZWZ18, ZXXL18, ZRZR19, ZY20, ZHD+20, ZQC+16, ZWX+19, ZZZ21b, ZW10, Zhu18, ZAI+18, Zin18, ZXL14, DLL93, APRC16, Ama86, BBD+11, BBSV92, Bre89, GCPGBG10, Gut00, SH00, Sus89, WXY1L5, ZPPE17, dRSB94, vdr93b]. **System-level**

[SVN+10a, BCB+20, ZYL+20]. **System-level/6000** [BBSV92]. **Systematic**

[Kac00, KT17, BDK+20, Hol93, MND+19, MCWP16, PVH10P, SAC11, WZH+19, WLH18]. **systematic** [ABF+15]. **Systems**

[AWYJ16, AMSPL19, ADALZ14, APC+20, BAMR20, CCLR18, DV90, DAW20, DPDS14, DO15, DSSU97, EGT18, IDM+20, Kho21a, KV18C, LJC+19, LGKA21, MOK06, NHG03, PW09, Pip18b, SHS+19, SdK99, SWW+20, SAPA17, Sti93, SJTG07, TG14, Van87a, VLAC+13, Wri19, YGS16, YMS20a, YZ18, ZGY20, ZZZL18, ABA06a, ACML05, ABMM18, AMH02, AHM04, Ais88, AHH20, ASAB+18, ASASA+20, AHdJF97, AB18a, AB19c, AKPN01, ACU95, ATdC+16, ABF+15b, ADF+05, Ano84j, Ano86j, Ano87m].
YAZ +20, AAS +19, SLH +19, VKT +19.

TAF [GKS05]. Tag [SJL +17, DCS +07].
tagging [WMA18]. Tags [BCG19b, LEW19].

TagSNP [WLW +21]. TagSNP-set
[WLW +21]. tailor [GVD +03]. tailorable
[BvdV99].
tagged [BCN +19, RLRC13].

Tailoring [GVS14]. Tale
[BCG +19, LLES19]. tailing [YYN +20].

TAM [CT19c]. Taming
[HLH +20, TGM +19]. tampering
[VFOV20]. tangent [GKS05]. Tangle
[SM20]. Target
[KIS9, ASA19. HSV +17, LZH +20, LWX13, LXT +19, WFQ +10, ZBL +14]. targeted
[NNC +19]. targeting
[PNH99, SBCF16, wZcZN +19, wZcZN +20].

Task [AMS19, AEM10, BTM06, LHH +21, MVC +13, PCBD99, PRF20, SL11, YXYH20, ZZ19, ANA16, ATZP21, AAP21, AKA20, ADB018, AMR18, BFLL99, BKS +18, CLR1L7, Czx +19, CA13, CLC11, CDSD15, CXL +17, CWJ +18b, CYH20, DLW07, DKV14, DFZ +20, EMM12, FGW +19, FDP1R17, GCT +20, GEN20, GCZ +19, Hu20, HPL09, IDM +16, JLD +19, JM01, JEB18, KOT18, KRZ +19, KA19, LTTL19, LHD +20, LSH +20, LSTV07, LCMX16, LPL +16, LWR +19, LGL +20b, MMNZ20, MVRM08, MGMT18, MWL +20, Nag16, NPP12, PLLA18, PB18, QZM +18, RCLEB20, RS17a, RBW20, SV16, SBHD08, SDD19, TDPF +17, TVB18, TSB20, WKC +13, WZM +18, WSC +19, WWG19a, WDR +19, WPJ16, XGS +20, XCSF20, XAW +10, YYW +19, YJLC20, ZMT1T16, ZSL08, ZCK +15, ZGL +18, ZZZC19, ZTC20, vKvdW +13].
task-based [JEB18, RCLEB20].

task-efficient [QZM +18]. task-farm
[BFLL99]. task-level
[PLLA18, WDR +19, ZCK +15].
task-parallel [SBHD08].

Tasks
[DFC +08, APAZ17, AK20, AOSA20a, AM21, AEGF +01, BLMT20, BDS +10, CHG +20, CFGM16, CA15b, CLR18, DGK20, GVA +16, GGS13, KGO +20, LHL09, LYMZ09, LGY +16, Li18, LLS +19, LG16b, MLBS11, MRN19, Nag16, Nos98, PCK19, Reh06, SHP +16, SC19, Ser98, TGL +11, WHW16, WL05, Wu16, ZXW19, ZCL +14, ZLZ +20a].

TASSER [ZBZ19]. Taverna [ABG17].

Taxonomies [SV15]. Taxonomy
[AAA20, ALK15, DZH18, MKK +20, SYK +17, ATS14, BMK +14a, DC18b, DJ13, LCC19, LLWZ18, MBB +20, NMRK21, QC19, TVB18, YHA +19, ZS05a]. Taylor
[VP20]. TBRS [LLW +19b]. TC2 [BT93].

TCARS [RMA +18]. TCKPT [KJJ10].

TCLBS [PR20]. TCP [ABdIL +03, ABdIL05, KHH10, NLC19, WW +14].

TCP/IP [KHJ10]. TCSLP [WHZ +20]. TD
[HSGY20]. TD-Root [HSGY20]. teaching
[FGG03, SYT09, ZN21]. team [UZ11].
teams [DBS14, GLD +19a]. Technical
[vdR86b, CdCd07, FGP20, GWZ94, UNM +16, Yam89]. technique
[ArMA +21, AKM18, DC17, DD05, GSC11, HRJ +06, HMP04, KHWZ18, KKS19, LZ21, NNH +20, OHAV20, PSAL20, PCB99, RZD01, SYG +20, SMRM13, ST20b, SKS +18, SLA +16, VS09, VM93, WCHA20, WCC14, WTS14, YSL19, dFPFG19, de 94].

Techniques
[GRA15, WRK +15, ZYA +18, AD18, ABA06b, ACM05, AAN +18, AMM +20, AM16, AKJJ20, ATT06, ACM19, AB95, AMS19, ADK +09, CGN19, CLA19, CCP +20, CY01, CMT06, DOR +21, DMR19, DGR +19, Fah98, Gra92, Hab05, HSC15, JY +17, KZC04, MVG18, Mic97, NWE04, PB05, PDLS +99, SC19, SM16, SV15, SKS17, SK12, SJA19, TSBI11, VOCHC17, WZK +03, WMX +17, WLB11, ZAP05, tTvH96].

Technische [Bun03]. Technological
[DFVPSHL +14, AIG86]. Technologies
[DFB +16, DPDS14, DMS97, Sim86, TDC +20, YAZ +20, ZPPE17, AZH18, ABP18, BNBH +20, BAGR +20, BGV97, CPSRG14, DFRW17, Dub91, FM08, FR08,
[Sti93], theoretical
[DPL14, FJL+16, GBKJ18, Hua10, JLQ+17, JLC12, JCL+19, KNV20, KK14, Li90, MXL+20, TLSC17, WWR16]. Theoretical
[CSL18, BORM07, BRS04, GDRS04, HMO+20, LY19, RZH21, TBO20, ZZ15].

theories [WRBG94]. Theory
[ASW11, AAP21, CDFZ16, FEPC18, GFM+20, YLWW18, AS18b, AY16, CPE+17, CL20b, DG21, DL03, Ger13, Ger02, IS18, JK92, LKCS18, LZL19a, LZZ+20, MH01, MKK03, NSHP88, PBT02, PMPC13, SSHC19, SH90, SFBK18, WQZ19, WMD+20, XL19, YJLC20, YMY+17, ZGZ+10, ZDL+19, ZCDV19, ZS10]. Theory-based
[FEPC18, LKCS18, YMY+17]. therapeutic [PRPPFL20]. therapy
[GZZ+18, HRM20, NDZ18a, NDZ18b, NDZ+19, ZMZ19a, ZMZ+20]. there [DA18].

Thermal [SSG19, Tab06, TZQ18, DS04b, MMBD20, MB21, SSP17, ZTD+18].

Thermal-aware
[SSG19, MMBD20, MB21, SSP17, ZTD+18].

thermo [Ned06]. thermo-visco-plastic [Ned06]. Thin
[JLX19, DSD+11, KuRAk+18].

Thin-client [JLX+19]. Things
[AT18a, AHSF19, AA18b, CCRL18, DP20c, GTEL+18, GBMP13, K19, LFD+17, PPM18, RMB18, Sun20, ZYA+18, GS20, LMP13, LZH+20, NWT19, SBF+21, SKH20, ABMM18, AALF20, ARHT20, AKP+18, ACWJ19, AR18, AGR19, AMQ18+19, AT19b, AVPV17, AMPZ16, BA17, BAJ+19, BOL+20, BZ19, BRH18, BGS19, BDPP16, BRB19a, BRB+19b, BWG19, BCSS20, CT19a, CMG19, CMI+19, CBT+19, CMP+17, CBPP18, CDFW18, CMZ+18, CDFP20b, CDH+19, DPK+19, DZH18, DGR19, DP19, DC18a, ESW17, EAS+18, ETH20, FG18, FJ18+18, FTK17, FR+18, FMR18, FPL+19, GQXL18, GLC19, GMLGB+17, GB18, GKYK18, GMD19, GCK18, GCCMK+20, GZW18, GLD+19b, HDKC18, HKA+18, Ham19, HZL18a, HZW+18, HPY20, HAT19, HHW+19, HHH+16, HPP18, HIA+18b, HNQ+18, HXL+18, HSS17, IJCR19, JKAU19, JYY+17, JY+19, JM20, KWK+18, KOT18, KSK+19, KCM19, Kim18, KLI+18, KMST19, KMS20]. Things
[TKCS18, LKJ+19, LAS20, LBD+19, LHO17, LYC18, LW19, LLFQ21, LDS18, LYYW19, LLW+19d, LZJL19, LZ20b, LDW+21, LRBS17, MWQ19, MK17, MVL18a, MGL18, MLGGB+17, MMC18, MDM19, MGN+16, MPM18, NSR19, NQ+18, NH+19, NWT19, NLSY20, NMR21, OFD17, PC18a, PAS+20, PTD18, PLGMCd18, PC18b, QZM18, QCZH19, RGN+18, RSMP17, RS+19, RACA18, RHPV17, RGM19, RWG21, RC18, RC19, SAGG17, SYJ19a, SH+19, SST18, SGP+20b, SWY+18, STS+20, SYJ19, SLH+19a, SM20, SDDG17, SSS19, SSM20, SCZ+14, SCG+18, TSLC17, TLL+19, TDL+21, TG20, URKM19, VMV20, WWX+17, WZW19a, WYJ19, WCHA20, WZ18, WZL19, XWW19, XGS+20, XY20, YNN+20, YLYV15, YWZ+18, YCT15, YWLL19, YHA+19, YN18, YAP16, YU21, ZPE17, Zha20, ZWN+20, ZAO20, ZWX+20, Zhu20, ZAI+18, dFBP+17, uRYS19]. Things-based
[HIA+18b, KOT18, SYJ19a].

Things-generated [BOL+20]. Things-load [CT19a]. thinking [NLM16]. third
[CLM00, DSS+09, ED19, Pol98, SGM11, Sin84, Bis96, CF09]. third-generation [DDS+09]. THOR [RadARP19].

thoracolumbar [RBGA18]. though [KMC18]. thoughts [KAW12, Mid01].
thousand [RM19]. Thread
[FDF5, MVLJ21, CMS+18, GS15, NQH+20, PAB14]. Thread-level [MVLJ21].

threaded [MAC14, MCA18, PWWD18]. threads [LAL14]. Threat [CSY18, AJ19, ALL+18, BCB+20, CFC+20, GHP+18,
HDKC18, HDA+19, HZZ+20, IA20, KAW12, NAAC19, NAM+19, SCAB20, WZH+18.

threatening [AFO+18], threats
[AHS+18, GGDM+18, RR18, RLM18, SMF+19, XWRZ19, ZCW20, VMM20b].

Three [ABMMC18, AMSPL19, EHT10, OSANAM19, WZWC18, Wes99, FHG95b, LLES19, LSD+17, LNK+18, LWT18, Pal01, PPH+09, XSM04, ZFY18, ZZZ17, ZCS20].

Three-dimensional [Wes99, FHG95b, Pal01, XSM04, ZZZ17, ZCS20].

Three-way [ABMMC18].

Tiered MG18, NRV
[NMRK21, RSQS21].

three-tier [ZFY18].

three-layer [ZFY18].

three-level [WZWC18].

throughput-oriented [CJP19].

throughput [SYW17].

ThunderX2 [MGG+20].

thwart [NMK21, RSQS21].

Thwarting [VS13].

Thyme [SCP+21].

Tibet [NMZC06].

Tibidabo [RRP+14].

ticket [XZZ+18].

TIDE [SHL+19b].

-tier [GEN20, GDR+14, HGG+14, IDCJ11, KIS11, LSD+17, LPD+13, LHY+20, SA07, SRN+18, TLYT05].

tier-aware [SRN+18].

Tiered [CLDC19].

tiers [LJ07].

tightly
[BC15, Kum94].

Tikiri [BT+21].

TILAA [VKT+19].

TILE64 [LC14].

-tiled [KW16, PDK10, YDK11, KID+16].

-tiling [KW20, YDT19, vWMBS14].

Tim [Her87].

Time [ASA+20, CWD+08, DFG+19, GB510, GBM20, JCMPPC+18, JCA+19, MG18, NRV+17, RMA+18, RKP+21, SGH+08, SLH+19a, TA21, ZWJ+19a, ZLS+20, AHH20, AB19b, AQ815, AKG+17, ABP16, BKB11, BH03, BRR+04, BKG+20, BDHK06, BMP+16, CXZ+19, CND+19, CL20a, CCLS09, Che14, CRRC18, CBK+17, CYH20, CC00, CIJM20, CDH+19, DFLO17, DT93, DGD+16, Dog09, Dua94, EET18, EET20, FHGF20, GRG20, GKZ05, GVURIVB14, GRN20, GR6, GKW+12, GMDFPLC17, GRX19, GGLW18, HKU+11, HJA+19, HEES19, HNCJ13, Hn20, HIA+18c, HMP04, HHS+18, JLG03, KAA09, KSA03, KAM16, KLC05, Kim18, KHL20, KSC+19, KBTM21, KW20, KKP00, LF01, LFWV05, Li15, LRZ+18, Li18, LPL+20a, LLL+19, LJJ19b, LXZ+20, LG16b, LPL+16, LW+16, LQNW20, LD04, qLhZ20, LHY+19, MZH+17, MSV+20, MPCAF15, MKT09, MGA+18, MFT+17, MOFGP18, MRN19, MFSV19, MCG+15, NF13].

time [NJ17, NA19, OKF10, OWX19, OPT+17, Pa09, PKF14, PTD+18, PGTB18, P99, PN09, RPA+18, SHP+16, SNMC21, SS04, SD02, SST+06, SKF+09, SSL12, SCP+21, STB+19, Sin92, SOKW+20, SK12, SK19, SCJ+19b, SW02, SGL+20b, Sun89, TZST14, TIZ+15, TF17, TSRG17, TQL+19, TCCW19, VLL09, Van93, VSBN19, VMV20, WLZ+14, WQG15, WTM+17, WGW+20, WML+21, WMA+19, WSH+16, Wu16, WF21, XYZ05, XZJ+20, XLL18b, YNSM12, YCL+19, YHW+20, ZMIT16, ZS08, ZCK+15, ZWL20, ZYX+20, ZF17, ZFC17, ZFC18, ZSP17, Zin18, WPJ16, ZTP20].

time-aware [RMA+18].

Time-aware [DFG+19, BKG+20, SCP+21].

Time-based [JCMPPC+18, ZLS+20].

Time-constrained [RKP+21, LPL+20a, SSL12].

-time-constraints [LPL+16].

-time-critical [KSC+19, OWX19, STB+19, SCJ+19b, ZTP20].

-time-dependent [Dua94].

Time-discretization [GBM20].

-time-efficient [XLL18b].

-time-invariant [GMDFPLC17].

Time-Of-Flight [JCA+19].

-time-out [KSA03].

-time-parameterized [KHL20].

-time-recordable [LWW+16].

Time-relevant [SHL+19b].

-time-scale [JL03].

-time-series [LFWV05, MFT+17].
time-shared [CCLS09]. Time-slotted [ZWJ+19a]. Time-spectrum [ASA+20].
time-varying [BH03, Li15, LQNW20, ZYX+20].
time/cost [KCK16].
time/cost-constrained [KCK16]. Timed [ADMG20, BP13, SZW+19, YJF+20, Pap05, PIK02].
timely [QC18]. timeout [RWJ+20, Sec20].
times [BB13, CRL17, JLL17, RNJK09, SPSP17].
Timetable [WSZC18]. Timetable-aware [WSZC18].
TimeTrustSVD [TQL+19].
timing [ADMG20, BP13, SZW+19a].
tiny [MSR09]. TIRIAC [NJ16]. Titan [LM90b].
Titan-2 [LM90b]. TLS [DC17].
TIMWSNs [MLW+18a]. TOA [HXY13].
today [MK16a, MK16b]. TOPS [ZJWZ04].
Toile [BBG+05].
token [Chu10a, Chu10b, OMPSP+19]. Tokenizer [MBF+20].
tokens [CJX+18, GDX+09].
TOLA [SZD+17].
Tolerance [PCBD99, PRF20, AMR18, CdCd07, DEJ20, DSS07, GvD10, HYL+20, KYP20, LJD18, LSTV07, LGM+20, MC04, NKP16, Sar02, SG05, WDR+19].
Tolerant [ACC+19a, SE19, AMH02, AFP07, AFB+10, BCP+08, CXZ+19, CCI11, DZZ+15, DHH02, DK14, FDO2, GCV+14, JP20, KL02, LCBF13, LHB05, LAM07, LSO1, LWY+16, LSO8, PWY03, Pip18a, RWY+18, Rwz+19, SPR+10, THKG98, WZTL20, WGW+21, WHCW19, Xia06, ZTKX19].
tomography [FGCM09, SGB+19].
Tomography [LGZY18].
tomorrow [MK16a, MK16b, vDR87].
Tony [Her87].
Tool [LLS02, AB19a, ABGMC19, BGML17, DMV93, FSO7, FTH16, Ham17, HBK20, KZLK06, LWH07, MMA19, MCG+15, NS17b, O92, Ren03a, SB19b, SDST18, WSS+09, WBF08, WYN+90, YW21].
toolkit [AAI+19, CN92, GMD19, HAE+03, HBJ+03, IJLLC03, LWH07, PVA+20, SAMN02, ZYB+18, MFE+08, PSH+20].
toolkits [YPF05].
Tools [CK20, CBS17, KV03, TBB+10, TA96, WRK+15, AUC95, BR92, BSG+05, BRNR15, CAC+10, DP20b, GLM+12, GD93b, KKvdB+17, MCSS90, NLSV20, SP18a, SNS+20, TC06, Wal86].
toolset [PTD+18, PSS+20, RSD20, Tao10].
Top [CCJ16, MLW+18a, MBMS20, WFL+20, HPY20, KMT14, MAD+16, TDBR18, ZUC14, CCHW03, RW18].
Top-C [CCHW03].
tofigi [YTQ19, YTF20a, YTF20b].
Topic [AK18a, DL04, SDZ+17, ZWW+20b, KH19, LDS+18, LZJL19, NO19, WJS+18, ZZBP19, ZZJY16].
Topic-based [ZWW+20b, KH19].
Topic-oriented [SDZ+17].
Topics [FM17, PZY16, DAA+21, H017, PPB16, PZY17].
Topological [AAC04, Bag19, IHA+20, LSL+20, SNNX19, XWL20].
Topological-order [AAC04].
Topologies [CKW21, VS90].
Topological [AAD+13, LLpC12, LJW+20, LTCK14, PRC+14, SNMW21, SHRE16, WJS+16, EMHE18].
Topological-aware [PRC+14, SHRE16].
Topological-aware [PRC+14, SHRE16].
Tor [WLYL11].
tor [Kag89].
torus [KD00, LOK09].
TOSCA [SCJ+19a, WBKL16].
Toshiba [Ama86].
totalistic [JM02].
touch [Alp18, GMC16, GMC18, PDW+11].
touchstroke [Alp18].
Tourism [CT19c].
tourist [PPG+20].
Towns [GMGB+27].
trace [KN06, MJSW21, PD11, S906, WHZ+20].
traceability [Che18, WHS+18, XLL+19b].
Traceable [LDZW19, QRW+18].
Traceable-then-revocable [LDZW19].
Traceback [LJ14].
traces [DMM+11, KHHV21, PKB19].
tracing [BK06, ZLL+19, ZSB19].
track [SSC+19].
tracker [MKS18].
Tracking [ALS21, AAW20, CEP19a, FAMA+17, JHC18, LZH+20, LWX13, SLK17, WJS+18].
WLLY20, WWTF18, YYD+14, ZBL+14], tracking-based [JHC18]. tractor
[ZPLQ20]. tractor-semitrailer [ZPLQ20].
Trade [DGCGH+17, KNK+08, AP20, BDA19, DMM14, GBS10, KCM19, PMBS14, XZK+20]. Trade-off [DGCGH+17, BDA19, GBS10, KCM19, PMBS14]. Trade-offs [KNK+08, AP20, DMM14, XZK+20].
 traded [VPT+10]. Tradeoff [JCL+19, GLD+19b]. tradeoffs [KAEC+18].
trading [Che14, DSGSNH20, GFH+18, GLW+20, HQ07, LGK+21, MVG+14, RT16].
Traditional
[BEL20, GKL18, KCHQ98, QMSG12]. Traffic
[AT18a, BLO+18, BN21, CECS20, DK17, EMHE18, Mid01, RN01, RGH+01, SNW01, VNO1, ADOKM06, AS02, ACHP19, AC18, BÖ20a, BMK+14b, CG09, Che13a, CAL+18, CLQS20, CS19, FTK+14, FCPS20, FH+18, FAMA+17, GS20, HAB+20, HH19, HZL+18b, JSV21, JBY+18, JH16, KCB20, KXS+16, KJLS19, KRD+L18, LLZ+19, LDX19, LSL+15, LWT18, LLZ+18b, LGZY18, LMC+19, LMCSE20, LOK09, LLY+19, LH+20b, MG19, MRS18b, PGTBC18, QHLN21, RLY+20, RGSL18, STS+20, SLH+19, SLY+19, TUR+18, VVC+03, WLY+16, WHBC19, WSY+19, XZL+19, YCL+19, YHS+20, YSL19, ZCS+16, ZYK17, ZJW+14, ZMN19, ZWMC19].
traffic-aware [BMK+14b, SLY+19].
traffic-indexed [LSL+15].
Traffic-sensitive [DK17]. Train
[MK19a, MWL18a]. training
[BLB03, CHJ+20, DVEE+20, EKB00, Gra01, Han03, IMKB89, RS98, dLB10].
trajectories [CZX+18, NWD+18]. Trajectory [WMBV17, DHW+17, FAJP09, GHW+20, KXS+16, PTZ+20, SOR05, 
TOM+20, WSN18]. Transaction
[JOH92, GXY+19, KJJ11, KVvE18, LGW+17, WQHX20, YNK+20].
Transactional
[WZ13, GAYTC18, LAL+14]. transactions
[BYR+20, CLS+19b, DSGSNH20, DR15, 
LAL+14, WLGL19]. transatlantic
[ABdL+03, AbdLL05, MMF+05, RR099].
transbronchial [BDS+10]. transceivers
[ABS+18]. transcoding [GFR+06].
transcript [SHT+05]. transcription
[MMF16]. transcripts [BD+02]. Transfer
[AMSL19, NMC+06, BBD+99, HKU+11, 
KJI10, KKL09b, KMCH03, KB16, LCL+19, 
LRY+17, LSD11, LKF18, MST+21, 
MFL18, OJ+16, RACA18, RLL17, 
SD20, TZST+14, MMM+20]. transferability
[CLM+14a]. Transferring [KLW+18].
transfers
[DPBK16, HWQ+20, LBM+18, MWPB12].
transform [BWR12, BW13, GHE+18, 
NUPA+19, SLH+20]. Transformation
[BCL88, GG+19, HZ+14, LZC+19, 
LZ+16, MK95, PIM+20, PKP19, RM97, 
SR19]. transformations [CJXX+19, DV03, 
DGA18, LTZ15, SSFR19, UM02].
transformed [SC19].
transformed-domain-based [SC19].
Transformer
[NRM20, ZHD+20, YYY+09].
Transforming [PSK+10]. Transient
[DRZ+19, AMR18, BD+06, DLG+20, 
EA13]. TRANSIMS [RN01]. transit
[AHP16, ZBT+20]. transition
[GBY+16, LWW+20, LX+18, ZWZ+21].
transitional [KRZ12]. transitions
[DC+03, Fre94, KLC05, PM14]. translating
[YGR21]. Translation
[AMA86, LHY+20a, ABF+15a, CGZL19, 
Mur86, NGS86b, NTN86, 
Nit86, Sim86, UH86]. Transmission
[BRM+20, KESL17, WDW+19, YZC+19, 
BWR12, CCW+20, CF+20, CPT+20, 
HMA+18a, HYX+19, HPS19, KY85, 
LLL+19, OSAN+19, PZA18, Pan20, 
PWMX17, PLP+19, PZHD20, SKF+20, 
TZD+19, VS04, YWL+17, ZZZC19].
transmissions [HSP+13, SKX+20].
transmit [HJK+04]. transmitting [Hu20].
transonic [GL95]. Transparent [MS+12,
CWD\textsuperscript{+08}, DW11, GTMZ17, KKJJ10, MGLPPJ13, ZWW\textsuperscript{+13}, vKvWD\textsuperscript{+13}.

transporting [XKJ\textsuperscript{+18}]. Transport [HDC\textsuperscript{+94}, NJB20, ASO2, BM\textsuperscript{+20}, BMZdp21, CM99, JHL\textsuperscript{+06}, MKH06, RWJ\textsuperscript{+20}, ZMN\textsuperscript{+19}]. Transportation [BAMR20, GCD\textsuperscript{+18}, LNL\textsuperscript{+19}, AAA\textsuperscript{+19}, LGYC20, MiCEANSM20, NWL17, PLP\textsuperscript{+19}, RN\textsuperscript{04}]. transporting [CHJS\textsuperscript{+10}].

transputer
[CFG93, Dui89, LSF\textsuperscript{+94}, MSLP93, mM\textsuperscript{95}]. transputer-based [mM\textsuperscript{95}].

trapezoidation [LD\textsuperscript{04}]. Trapper [SSKF\textsuperscript{95}].

travel [BAKB19, JXZ\textsuperscript{+19}, dSSC\textsuperscript{+19}, Van87b, vdR87]. Traveler [ELS\textsuperscript{20}].

traveling [DC91, DZXS21, SMI\textsuperscript{01}, VAS\textsuperscript{95}].

travellers [NWD\textsuperscript{+18}]. treatment [Bo19, Bo20b, GP\textsuperscript{11}, Mae89, SWL\textsuperscript{+20}, WCC\textsuperscript{19}, WWC\textsuperscript{20}]. Tree [LM\textsuperscript{07}, AM\textsuperscript{19a}, BO\textsuperscript{20a}, BWR\textsuperscript{12}, BW\textsuperscript{13}, CD\textsuperscript{16}, CH\textsuperscript{10}, CL\textsuperscript{14}, GO\textsuperscript{16}, HIL\textsuperscript{18}, HXL\textsuperscript{13}, KM\textsuperscript{11}, LR\textsuperscript{19}, LL\textsuperscript{07}, OR\textsuperscript{19}, RK\textsuperscript{20}, SHL\textsuperscript{08}, TWW\textsuperscript{+18}, WWQ\textsuperscript{+18}, ZQ\textsuperscript{10}, HC\textsuperscript{14}, KK\textsuperscript{11}, WT\textsuperscript{19}, CZ\textsuperscript{18}].

Tree-based [LM\textsuperscript{07}]. Tree-Rule [HC\textsuperscript{14}].

tree-verified [HH\textsuperscript{13}]. Treecode [P\textsuperscript{95}].

Trees [RSR\textsuperscript{88}, AW97, CLR\textsuperscript{16}, CY\textsuperscript{12}, CFL\textsuperscript{+18}, EBP\textsuperscript{18}, Luk89, PMK\textsuperscript{18}, SLO\textsuperscript{+05b}, WLB\textsuperscript{00}].

tremor [AAN\textsuperscript{+18}]. trend [PL\textsuperscript{18}].

trending [HO\textsuperscript{17}, HAM\textsuperscript{18}]. Trends [Her91, Sas85, WG91, AV\textsuperscript{17}, AM\textsuperscript{03}, Ano\textsuperscript{79}, Bah91b, CL\textsuperscript{+18}, Ca\textsuperscript{+21}, CMM\textsuperscript{20}, CRM\textsuperscript{05}, DZW\textsuperscript{20}, GMS\textsuperscript{09}, GM\textsuperscript{+18}, HPP\textsuperscript{+18}, IDM\textsuperscript{+20}, KSS\textsuperscript{+20}, KLR\textsuperscript{+18}, Nag\textsuperscript{6b}, N\textsuperscript{20}, TRK\textsuperscript{+15}, V\textsuperscript{18}, Wi\textsuperscript{84}, YMS\textsuperscript{20a}]. Tri [MBC\textsuperscript{+11}].

Tri-continental [MBC\textsuperscript{+11}].

trial [BRL\textsuperscript{19}, KM\textsuperscript{03}]. trials [YAZ\textsuperscript{+20}].

triangle [ZJJ\textsuperscript{+20}]. triangles [BRR\textsuperscript{+04}].

triangular [vdS\textsuperscript{04}]. triangulation [XSM\textsuperscript{04}]. Trident [SB\textsuperscript{11}]. tridiagonal [BG\textsuperscript{05}, HM\textsuperscript{98}]. triggered [KID\textsuperscript{+16}]. trip [LSV\textsuperscript{+18}, MG\textsuperscript{11}, PPG\textsuperscript{+20}, X\textsuperscript{19}].

triple [GWW\textsuperscript{+19}, ZZ\textsuperscript{17}]. triple-constrain [GWW\textsuperscript{+19}]. triple-way [ZZ\textsuperscript{17}]. triplet [Tul\textsuperscript{04}]. TRIPOD [P\textsuperscript{10}]. Triva [SN\textsuperscript{10}]. Trojan [CL\textsuperscript{11}].

troubling [CF\textsuperscript{+20}, Tak89a].

trounce [PWP\textsuperscript{+18}]. true [LGT\textsuperscript{+20}]. TrueID [HCL\textsuperscript{+17}].

TruGRC [W\textsuperscript{19}]. truly [Ch\textsuperscript{20}, H\textsuperscript{05}]. TruSMS [CY\textsuperscript{15}]. Trust [AW\textsuperscript{16}, AB\textsuperscript{18}, E\textsuperscript{19}, EC\textsuperscript{17b}, FF\textsuperscript{20}, K\textsuperscript{+9}, NY\textsuperscript{20}, PR\textsuperscript{20}, RB\textsuperscript{20}, S\textsuperscript{17}, W\textsuperscript{+19}, WC\textsuperscript{12}, Y\textsuperscript{16}].

trueID [CH\textsuperscript{04}].

true-tree [TUL\textsuperscript{+20}, Tak89a].

true/trust [TUL\textsuperscript{+20}, Tak89a].

trustless [KGS\textsuperscript{+19}, MBF\textsuperscript{+20}].

Trustworthiness [AB\textsuperscript{18}, SZ\textsuperscript{12}, CF\textsuperscript{16}, H\textsuperscript{87}, LH\textsuperscript{+18}, S\textsuperscript{17}, ZG\textsuperscript{18}].

Trustworthy [DL\textsuperscript{15}, Y\textsuperscript{15}, CG\textsuperscript{20}, CY\textsuperscript{15}, FY\textsuperscript{19}, HG\textsuperscript{20}, R\textsuperscript{+20}, Z\textsuperscript{19}].

TrustZone [Z\textsuperscript{20}].

truth [ZZ\textsuperscript{+19}].

truthful [D\textsuperscript{19}]. Tsallis [R\textsuperscript{00}].

TSH [W\textsuperscript{+19}]. TTN [BB\textsuperscript{+99}]. TTPs [P\textsuperscript{09}]. tube [H\textsuperscript{99}]. Tuberculosis [BR\textsuperscript{+20}]. Tubular [QX\textsuperscript{+19}].

tubulin [Tul\textsuperscript{04}].

tumor [ASY\textsuperscript{18}, J\textsuperscript{+20}, K\textsuperscript{+20}, XY\textsuperscript{+19}, YW\textsuperscript{+20}, YPJ\textsuperscript{19}].
tumour [KMB+17, SUD+98]. tunable
[NUPA19]. tunable-Q [NUPA19]. tuner
[vW19, vW19]. Tuning
[JLRS18, PSH+20, CQW+19, EBCP18,
FMS08b, LCL+18, MPS21, RSJ+14, Tao10,
TCC11, WVC05, WLI16]. Tuoris
[MMSG20]. tuple [BR18]. Turbo
[XRPT18]. turbulence [NEJP94].
Turbulent [KL95, KN89, VWCV94].
Turing [DDL01]. Turing-like [DDL19].
turnaround [CRTN17]. Tuning
[ED19, LW19, WLS13]. Two
factor [ASBT20, HM98, YCH19]. twofold
[LDJL19]. TXOP [HMW14]. type
[BV04, Čie04, ERL+20, GSF20, GGH+19, IS18,
JLS19, L90, LHF+20, LSL+20, LMCE20].
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[JHL+06]. UDP [CHS+10, LBM18]. UDT
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[VBL509]. ultra-high-definition [LRJ+06].
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YHH+19, ZWJ19b, dNE05, vKvW+13, ABZK15, ACL+18, AMQS+19, APK+18, AMB03, BvdV99, BFL99, BCN+19, BDWM17, BGCL20, aCKPM19, CFGM16, CHS11, DEL19, DDRR96, DLLZ17, DML20, DGGH11, DMM+18, DYC+18, DGlL15, EKGS14, FK11, FTK17, FTD17, GSFM20, GGH+19, HCL+17, JRJ+11, JXX+19, JM20, KZA+18, Kam85, KJ11, Kho21b, KID+16, KKP19, KV09, KMK09, KBa+09, KGLY18, KLW+16, LHC+20, LJP+18, LJY10, LHI3b, LQY1L21, LH03, LIW+12b, LGY18, LASL16, LLT20, LZX+18, LWZ+19b, MSK03, MCRB19, MBL+19, MLBS11, OAMS18, POMK20, PLA18, PARMF14, PQBP17, PIP18a, PDW+11, QGT+18, RHH+19, RSS02, RMBMT21, RAA+18, RPdVR20, RRH16, SD20, SBCF16, SSA+19, SRP19, SCN+14, SHH+19, SSC+19, SSC+20, Tkx9b, TTZ+21, TA21, WTG+14, WMQ+16, WSN18, WDKV19, WMA18, YAO14, YHL16, ZDL+13. **user**

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[SZK18, ACL+18, DML20, DMM+18, DGlL15, PIP18a, QGT+18, RMBMT21]. **user-defined** [KJI11]. **user-generated**

[DGGH11]. **user-level**

[KMK09, MLBS11, ZLZ13]. **user-oriented** [ZDL+13]. **user-oriented** [BvdV99]. **USERNET** [KGLA85]. **users**

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[Ano86i, MCF20]. **USIM** [YHC20]. **Using**

[AC92, AhFlF97, BB06, BCGo5, CGM+07, CPP+18, CCP+18, Che13b, CdSD15, CCHW03, CSH7, Dal03, DvdHdL06, DBS14, Eng14, FDGR14, FR08, FMRS18, GTEL+18, GRZ+19, GMdFPL17, GJKP18, HPGMM18, HGM15, HLS006, IJLC03, KHB20, KDGL11, KKL11, KCY+21, KKA18, LTN10, LDS06, LFH+15, MRV92, MBD+20, NLO+20, OAMS18, PCC18, PGPW09, PBB+05, RMSPP17, RWV+13, Reu03b, RMCMD12, RV95, RS98, SK97, SA19, STC15, SSC04, SBLT05, SHY+21, VFHB14, ZZPK21, ZBF14, dSFU+19, tTvH96, vVDDB98, vdHDT+06, AD18, AAN+18, AsRA+19, AFO+18, AM20, Ad14, ABD+19, AAC04, ATF11, AOSA20b, AQR+18, ASAA+19, ArMS19, AEK+18, AM21, AAS+20, AHM+18, APK+18, AB19c, AK20, AESI+21, ABB+03, ACE02, AMPS19, AIB+18, AKM18, AKW09b, AKW09a, ACM+21, ABL04, AJP12, ASA19, AEM10, AY16, BTG19, BK19, BA17, BAJ+19, BDE17]. **using**

[BG12, BLL+19, Bal91a, BDP11a, BG14, BDA19, BYL+18, BvdHN+01, BR+04, BAGRB+20, BSOK+20, BBC+12, BKSS02, BNN+20, BR19, BTP19, BRM04, BHL+21, BG05, BMK+14b, BDG+19, Buc05a, BMP+16, BK06, CT19b, CJPC19, CMX+16, CWD04, CSJN05, CWJ19, CLAL19, CsdCM+17, CGMT20, CHJS+10, CHSA18, CL20a, CY12, CPW19, CPK05, CH10, CFL+15, CCW+20a, CLY14, CHS11, CWJ16, Che18, COC10, CXC+18, CTU19, CJK+18, CGS95, CRC+19, CFG93, CSQL+17, DRZ+19, DLGW+20, DD120, DATA20, DC21, DJJG17, DP19, DP20c, DLL+19, DC18a, DHD20, DMM14, DNP14, uHA20, Elg20, EU19, ECPF17b, FE19, FC05, FLT7, FZW+18, FJA+18, FdADgAFV19, FC09, FJ18, FZT+18, FAMA+17, FMM+20, FPPS10, FS19, FCD+14, GS20, GQLX18, GWZ20, GWX+19, GZF+20a, GbdRACG20, GHGP19, GJG19, GRN20, GHP+18, GHEB+18, GMH20, GBY16, GDGK20, Gil94]. **using**

[GVA+16, GMP+20a, GCV+14, GXD+09, GdOAO20, GD93b, GGG+03, GGSZ09, GMM11, GB20, GRS+19, GMB19, GZWQ13, HIMM20, Ham19, HWS07, HMO+20, Han03, HJA+19, HSV+17, HUMA18, HCNT14,
MYK16, NS19, PCVN21, DLS14, QCYJ17, RGM+19, SCGPV20, SHT+21, SC16, SYJA19, SAG19, VS20, WZW+19a, WJLW18, WDHY20, WCY+21, XFTZ16, XLL+18a, YJI+20, YCG+20, YLG21, YHH+19, ZZZ21b. viable [DACAM13]. viabilidade [dACAM13].

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VIGO [ACC+05].

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violation [HHS+18, LLY+20, OWX19, XWL+18, ZAC+18]. violations [ENC+12, NH+19, NHH+19]. Viper [WPGN+18].

Virtual [ACC+19c, BDF+99, BKS+08, BCF+10, CCB+16, CFVP12, CT09, CHK+89, DBdL03, DGS09, DFG+00, DK17, Dzw97, Kaa+98, Ka+99, KTY30, KXG95, LYY+17, LPBB+18, MS+98, MG10, PBM95, Ruo00, RTCY19, SSFR19, SOR05, SM01b, SBP+17, WLL+19b, ZLL+16, Zin00, ACC+05a, AKB+01, AD19, ASTEP98, ATZP+21, AB+20, ADA+19, ABE+15a, ALM+10, AAM+16, AS14, BJ12, BOWD+19, BGH+03, BBSV92, BRLS98, BFC02, CGN18, CRM+16, CM01, CRC13, CV+20, CCL+20, CN19, dCCDFdO15, CN98, DJZ+15, DDS+09, DPB16, DBA98, Dho20, DED+17, DQLW15, DLH+20, DHD20, DCMW17, Dua94, EGAQ09, FBM19, GVI13, GRPL04, GCV+14, GFG+03, GGH+19, HMH17, HZZ+14, HHH+19, HRR+06, HSC15, HHZ+16, JNR+12, JDW+14, JSS+99, KSG16, KTKN11, KCS+14, Lee04, LJS17, Li10, LJJ+13, LYY+18, LLF+18a, LLWW18, LFHP+19, LR+19, LLZ+19, LLYT20, LLZ+19, LJJ10].

virtual [JL12, LSY+18, LCS+13, LSW+19, Man15, Mar99a, MRT+19, MSK03, MK19b, MFG+14, MRO+10, NWT19, PAD+03, PF+18, P+06, P+19, PHM+09, Ram95, R+80, RM+80, R+09, RH+15, RH+09, RH+17, SCGV20, SL+13, SB14, SDGC+20, SDWS13, Sch98, SLH+13, SMS+18, SAK+10, SUD+98, SYAL+13, SLA+16, SLZ+18, TMM+12, TG+06, UZ11, VVB+16, WFQG15, WTM+17, WY+19, WHW20, XJWW15, WX+17, XK+20, YLHJ14, YPLZ17, YLKK20, Y+10, ZYY+18, ZCS+16, ZWH+17, ZH+18, ZF+18, ZZ17, ZZ+10, vVDBB98, EV89, HL+16, LW+13, SB99].

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

Virtualization [MDZ+21, AKCP21, CMG+19, FJK+17, KKB+14, LLW+12a, LCL+14, MG19, MSI+12, SVN+10a, SWW+18, VOS+12, WCC+16, YCL+19, YXL+20, ZL+13, MCI19].

Virtualized [BB+17, ACC+05a, ASB18, BJWZ08, BSOK+20, BD11, BCC+12, CP17, FCN+11, GKW+12, GBF+12, GSP+17, JLI+13, JK17, LC13, PLL+15, TTB+13, XWD20].

virus [LFL+17].

visa [GWO03].

visco [Ned06].

viscoplastic [Ned06].

Vis Genome [JHC10].

Visibility [BHE+19, DS04a].

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Vision [AUA19, BYV+09, CCKW+88, FLF+21, MKK+20, GML+17, GB+13, LHZ+20, LPK94, Shi85].

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Vision-guided [FLF+21].

visionary [Pin87].

visit [Knu86].

Visual [DM12, Kamb+85, ZIO+20, ACGT+02, ATJ+02, ADLM+18, BCD+18, DB99].
Wide-area [OS01, AL14, GGH+06, LCBF13, LRJ+06, VBL509]. Wide-grained [SGL+20a]. wide-range [CSY+20]. WiFi [AKJ+20, AMR18, NS10, NHT20].


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withholding [HS19]. within [AOS20b, AOSA20a, AJY15b, BBD+99, CF21, DMP16, DOR+21, EP12, EBCP18, KCB20, LLS+19, MZP+19, MT17, MOW+20, PO00, Pag99, PA01b, WDR+19, ZDL+13]. without [CYH04, DH16, DSM+19, Gor02, LY17, MSK+21, QHE+20, SCLC19, XZZ+20b, YYN+20]. Witness [CXWT19].


workbench [SB11, SCJ+19b, dRSBH94, Wes99]. Worker [qLhZ20, Bai91a, LC14]. workers [KOM+20].

Workflow [AL18, AM17, BGK+05, FPF+09, GKW+12, HMS15, MJM+16, MSH+19, NGH06, SV20, WCC+09, ANE13, AJR+19, AKCY+17, AB18a, AB20, ALK15, ABP16, ABN19, BGR20, BYH+20, CLLCK20, CdST+20, CHC+17, CDS15, CLR18, CBK+17, CGS11, CS09, DGST09, DVJ+15, DMM+11, DNP14, EKSDN19, EHT10, FK11, GHE+18, GGC17, GJ15, GWW+09, GMELO8, GRCP+17, GB20, HSS20, HHD+12, HB09, HZP+14, HHW11, HLT+19, IT20, JPB17, KKS08, Kim07a, KVHT10, KTM+08, LWHT07, LS05, LGY+16, LLCC11, LS+11, MNS+13, MDJN15, MBZL09, MBD+20, NF13, ODD+13, PKR21, PAC+17, QHR+19, RR10, RB12, RLC13, RPF21, RB18, SD06, SLC+17, SNS+20, SB11, SGJ18, SIP12, SIL+13, SV15, SDC11, SCBK+16, SK19, SLL+18, TMM+13, TJK+14, WYBS11, WGG+20, WGW+21, WHP09, WWT+16, WSY+19, XZW+19, XWL+18, XZC+19, ZCW11, ZME+15].

workflow [ZBB09, ZLR+15, ZSS+19, ZWW+20b, ZT19, dSGD13, dSFP+17, AKM05].

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Bal16, BBB16, BKKM11, CLRL17, CMX+16, CTR+17, CBBC+17, dCCDFdO15, DGL+20, DK20, DGS09, DGR+15, DM12, GAB+14, GBM20, GP09, GSR+19, HMM18, HCJ14, HHLZ20, JTS13, JTBS15, JCD+13, KS18a, KCK16, KS17a, KOP+17, KTTK17, LH07, MT17, MGZ+20, MdOO+17, MDO+15, Nag16, PWV+21, PS19, PFS+13, QWCW19, RCJZ20, RKB18, SEKS+20, SG17, SSC09, SW20, STH+20, SPRA21, SSC+19, SSC+20, TWDLZ19, TdPF+17, TDF07, TBNF09, TGM11, WLF+09, WZZ16, WHW16, WWZ+19, WLD+20b, WDR+19, XZJ+20, YLYLC10, ZYB18, dSDC+19, dSFD+19, dGSTD21, dOOO+13, ACBM15.

Workforce [MMF16]. Workforce-efficient [MMF16]. Working [Ano86h]. Workload [KBMI6, KS18c, WCF+15, XAW+10, AOIS10, AMKM18, ADBO18, BMBC20, CWW+16, DMZ12, KVR15, KMK09, LJGW18, LSCL19, MMBD20, MBD21, OP97, PZA18, PdAF12, RSJ+14, SS13, SRN+18, WMLS14, ZWW+13].


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