Title word cross-reference

(\alpha, L) [SLW11]. 10 [ABB+03]. 16 [Goo01]. 2
[AKB18b, AM19a, CEGL01, HvHAS04, JNR01, NCS04, RBS93, VAS95]. 3 [AKB18b, BÖ20, Bro19, CPD+15, CH95, DJH+19, EMB98, EdBG+99, GWW+19, HYRZ20, IdLR01, JHL+06, KCK04, Kni89, KA88, MJ98, MJ06, RICW00, SGL99, SHN10, VF18, WKF03, XYZ05, XJY+18, YMM00].
4 [Avg00, DMM+99]. $47.50$ [Teb86]. 5
[AT19a, DPK+19, NLS19, YYS+19]. 80/20
[MRH17]. + [PYH+18]. 2
[LG08, OSCY93, WWT+16, ZY04]. 3
[LHM14]. $\mu$ [DGS09]. 3 [TMDZ15]. B
[WCWC19]. c [Bu18, LSZ+16]. D
[PP06, SW02]. $D_2$ [DRS04]. diam log(diam)

[SW02]. $\ell_1$ [Tre03]. $\epsilon$ [GPS13]. $H^2$ [LDCZ20].
$K$ [LZY+19b, PLL+18, WGW+20, ZLT+19, Zzc14, CCJ16, MLW+18a, PSLZ18, Pan95b, SAKOK03, STA17a, TDBR18]. $\lambda$ [LJY04].
$M$ [YH18]. $\lambda$ [BGC03]. $\mu$ [JD94].
$N$ [Ref87, RW18, SvAS01, XZM+19, CFL+18, Pan95b, SAKOK03]. $\pi$ [TLC+20].
$Q$ [CLL+18a]. $R$ [CPK05]. $R^2$ [TY11]. $T^2$ $K^2$
[TDBR18]. $T^2 K^2 D^2$ [TDBR18]. $\tau$
[RGDL16]. $u$ [HZM14].

* [Vin16]. *AIDA [WM14].

.NET [AW03].

06 [Igl07]. 0th [RCMT18].


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


512 [Cro95]. 57.50 [vdR87f]. 5G [AT20, ELAEAV19, HHZ19]. 5G-oriented [AT20]. 5th [BYV+09].


72 [HYS18]. 7th [BGL08].


90 [AB19a]. 90B [OMPSPL20]. 90s [Dub91]. 92 [GD93a]. '97 [Kaa98].


Abnormal [BSOK+20, LSL+15, CXZC18, LWR+19, RJJN+19, WLZ+14, ZCZ+18]. abnormality [GRS+19]. absolute [HKP10].

Abstract [CPB00, DHS00b, GGC17, Ném00, AC92, BM00, DDV92, DHS00a, DK00, FTD17, WG00, YJJ+19, dB90].

abstracted [AAD+13]. abstraction [AFS16, KSM+07a, KSM+07b, MRV01].

abstractions [Kea99]. abuse [JSMG18, QRW+18]. AC [HMW14].

Academic [Teb86, vdR87f, vdR87].

accelerate [RGCC18]. accelerated [FBM19, HSP+13, JCP+20, LZX16].

Accelerating [CLDC19, FRB+14, GXW+19, VBL809, XFFJ+19, KKL11, WGW+20]. Acceleration [GDEBC20, ABF+15a, HZDS19, VF01, XZL+19]. Acceptance [SAPA17]. Access [AMSPL19, BL13, BX04, DCMB15, HRR+14, MDA+19, WZC08, AS99].

ASAA18, ABF+03, AMHJ10, BCN+19.
BR18, BCW01, CWL+19, CC98, CJK+18, CCM+14, CddRRdCB19, DW11, DAM08, DLDTGMP16, Dog09, FXG+19, FNA11, FX07, FS18, FSMF+18b, GHMX10, HAJ+19, HZL18a, HLCL16, KRD+19, KIS11, LLMP13, LZXW13, LH017, LLW+18a, LLW+19a, LYYG20, LHC03, LZLL18b, MAC14, MYHZ18, MYBBM18, MLM16, Mer13, NRV+17, NJ16, NA19, PFRRC16, PSVL02, PH07, QGT+18, QCX18, RPH19, SAK19, SMSF18, Sin07, SCL14, SYK+17, SZR18, VPP+19, WAh84, Wa86, WC06b, WC06a, Wan18a, WG13, XYLML19, YXZG18a, YWJ+19, YAX+18, YK20, ZL15, ZCL+18, ZDW+16, ZFHL+18, ZSL+19b, ZMN99.

BMRW01, CZT+15, CQW+19, CST92, CPD+15, CFMC19, CLL18b, CS05, CWM+20, CXC+18, Cho04, CB10, DZ04, DST10, DFG+19, DDD18, DFRW17, DHL18, DLS+12, ESW+17, EKGS14, FTH16, GGK20, HGG+14, HAP15, HWZL08, HXC+18, HJK+04, IKLL12, JNR12, JSZ+19, KKB14, KJI11, KSAOK03, KSAOK08, KK10b, KS18c, LpC12, LB+19, LHM14, LSTW07, LSL+18, LW18b, LZA+20, LK17, LSG+19, MWCK19, MFTGM19, MJRM16, MAA+19, NWE04, NDZ+18a, NDZ+18b, NDZ+19, NQLL13, PaAf12, PNZ14, PPB16, RWO+19, RSB01, RWZ+19, S+19, SME+19, SMG18, SDZ+20. adaptive [SEP19, SLW01, SYL18, TJJ+15, TSK03, VR05, WCF+15, WXZ+18b, WLZ+20, XLL+14, XWRZ19, XJZ+19, YP12, YDD+18, ZCK+15, ZTXK18b, ZBL+14, ZAC+18, vWMBS14]. Adaptively [YPC12, CLH10, JW+14]. adaptivity [SOR05]. AdaptScale [SDZ+20]. Addison [Zem86, vdR87g]. address [ABF+15a, BCdV+19, DL00, GFD14, SVC+07]. addressable [De 88]. Addressing [HNCJ13, ZL12, BFS+17a, BFS+17b, DvdHdL06]. ADeLe [FS+20]. adequacy [CMS+18]. ADIC [HNS05]. Adjoint [GK05, HHG05]. adjusting [Lea13, YW+09]. adjustment [HPLL09, LN304, TJ18]. ADL [Bae14]. administration [MSLP93, SB19a]. administrator [HY09]. admissible [QPTGG+12]. admission [Che13a, IS18, KLM+03, MPWB12, SMA08]. adoption [CKR16, NZOCJ+19]. ADSP [SVK9]. adult [WNK19]. adults [CAS+18]. Advance [CJK+18, DVB14, CKP+19, CFG+05, ET08, TCCC11]. Advanced [BRB19a, CSYY18, DO15, GCGPGBG10, Gil85b, PPS+19, PPB16, PYZYM, PZY17, SZGB04, VLAC+13, ZZLR18, ADT03, ALL+18, Ben99, Cuz14, DFRW17, GHP+18, Hab05, KKL09a, Mam09, MLC+11, MVG+14, FL18, NHG02, NHG03, RadARP19, RRH16, WdL16, YCH19, Ano84a, CMZ95, EGK+07, VOV17]. Advances [CLCY18, DPDS14, FBS18, KGKV14, Pa16, TCG14, WQ14, ADLW12, BB12, CSC18, HEMS15, KA13, MGL+18, YHA+19, ZCYZ18, XZD+20, vdR87b, vdR87a]. advancing [GDP+18]. Adversaries [SW17]. Adversarial [VMM20]. adversary [NAM+19]. Advertisement [Ano05e, AMHJ10]. Advertisements [BCM18, NK18]. advisor [CRN17]. advisory [BDE17]. aerial [MND+19]. aerodynamic [BBC+99, LKG08]. aerosol [XAW+10]. Aerospace [LPC+95, Mur95, DP10, Pet89]. AES [FAA+18]. AFCET [Ano85a]. AFCET-Informatique [Ano85a]. affairs [LLW+18]. affect [PKA19]. affect-related [PKA19]. affecting [DSM+19]. Affective [AW19, NPH19, XF16, FGW+19, LCC19, LJ19a, NKB19, QLM+18, SA19]. affinities [HAF+16]. AFIRM [MDB+18b]. AFT [PIP18a]. after [BORM07, ZXW19]. Against [SCH+17, IDKD19, JL14, JCL+15, JSMG18, JCL+19, KIA17, KG0L+19, NNC+19, QWR+18, VMM20, WLYL11, XWRZ19]. Age [TBS+18, LZZ+19]. APMK20. Age-related [TBS+18]. agency [NTN86]. Agent [FR08, MND+19, SG+20, TA96, BDP11a, Bar11, BGMLS17, CT+08b, COC10, FCY18, GJKP18, GGS13, HB08, HKG+16, KMB+17, KVK+18, Kim14, KB16, LBD18, LJ17b, LL03, LYYG20, LFY+19, MJ00, MFSV19, NWE04, PSA+09, SSG17, Sk019, WXX+17, WL+20, WZL11, WWZ18, WWCW19, ZMN19, DRGC+19, F08, Gra92, LWH07, NMC05]. Agent-based [MND+19, SG+20, BDP11a, BGMLS17, CT+08b, FCY18, GGS13, HB08, HKG+16, KVK+18, LBD18, MJ00, ZMN19, DRGC+19, NMC05]. Agents

aggregation [BMZ10, CLR16, CIC10, CXC+18, DLS+12, ECPF17b, FRZ19, KLP19, KV12, LCBF13, LLQS14, P+SS17, RLB+14, TAZ+18, WWDF18, XGX20, ZGL19, ZZH+18].


Aging-related [FP18]. agnostic [KDG+19]. AGRA [CES+19]. agree [CAC+15]. Agreement [LYW+16, PB18, AQRH+18, APK+18, IOV+18, KLW+16, LMO+7, LKA+08, MLC+18a, MJRM16, OK+17, OSANM19, PRS+12, RZ+16, YKL+07].

Agreement-based [PB18]. agreements [BSC06, LJW08]. Agricultural [ZL18, CZH+18, HPZL18, LBJ+18].

agriculture [APK+18, BJN+16, BW19, KH89]. ahead [Eng14, WYBS11]. AHP [ABMMC18]. ai [Pud87, CES+19, Fuc93, Lau92, LTL+19, MJ00, Oku92, Poh87, QLM+18, TC92, YWG+20]. AI-augmented [CES+19].

AI-based [Lau92]. AI-defined [LTL+19].

AI-enabled [QLM+18, YWG+20]. aid [ABM19]. Aided [dRSBH94, GSC+19, LYL15, MGA+18, SKo19]. AIE (AIM) [QLM+18].

AIM [TWG+19]. air [LLN+18, ZXW+18].

Air-land [LLN+18]. Airavata [GRZ+19]. airborne [HYS04]. aircraft [TYWZ18].

airfoil [BBL+05, GKS05]. Airport [RdSH+00]. AIV [AFPG91, AFP+92]. AJ [YL20]. AKL [HJP92]. al. [RLM18].

Albatross [KBK+02]. alert [NJKH+13, SB13]. alerting [MV+18a]. alerts [CPP16]. algebra [BFR05, BCG05, Dal03, DHD89, HJ07, JLRS18, Lop03, MKM11, PH94, WZ19, vdV89a]. algebraic [Che13b, MdOO+17, SSC04]. Algorithm [ABF93, CT19b, GAA19, HM+19, JGB19, MPI+18, SE19, TA18, TKA18b, VS+D95, Aba06a, ABM18, AH17, AA18, AT11, AIA+18b, AS18a, Ay16, Bag11, Bag19, BZYM10, BMT12, CT19a, CPDJ13, CLRL17, CZY+18, CZL+18a, CLZ18, CvdR+20, CCL09, CJ14, Che18, CJW+18a, CGS18, CCC+19, CHY+18, CMZ+18, CZL+18b, DYY+19, DQXW19, DC19, DS04c, EAA16, EAF06, EA17, FLT17, GKI+05, Ger02, sGbK+19, GPS+17, HZW19, HZC+08, HPZL18, HLL+17, HMM+19, HEES19, HSH+08, HXW+18, HLL+17, HM98, HBN+13, HZL19, HLZ18, IS18, IT20, ISS+15, JGB18, JM01, KHM+13, KB18, Kim18, KLP19, KKS18b, LC17, LCP04, LG07, LLpC12, LYQ06, LCL+16, LSZ+16, LGY+16, LJJ18, LZY+19b, LZZ+19, LZL+19a, LLL+19, LC15, LWH+18, LJC+19, LLWN04, LLZ07, LAH10, LZG12, LWZ+18, LSL18, LW18b, LZA+20, LD04, LYH+19, LZF19, MWL18a, MNV12, MHC14, MLC18b, Mar02, MP02].

algorithm [MZY19, MAC17, MGA+18, MAA+19, MVS00, MFT+17, MCS18, MRN19, NP06, NPP12, NLL17, OVDV98, OB19, PC18a, Par04, PKF+14, PRC+14, QCY+19, QMS+12, RK20, RGT18, RS+17, RICW00, RWZ+19, SR12, SRG19, SOD18, SMS+19, SPD+19, SK04, Sc03, SMA08, SCK+00, SO98, SVB07, SYAL+13, SLB+17, SJL+18, TDFZ18, TLL+11, TJZ+15, TZLL18, TMT+07, TM19, TWW+18, TD+P+17, VAdP12, VPT+15, VAS95, VMN+18, WYBS11, WCL+17b, WJZ+17, WDD18, WZZZ18, WNR19, WZ18, WLA+17a, WLA+18a, WCC14,
Allocating [MDD15]. Allocation [DDC+08, DXL+18, AOISI0, AJR+19, AAEQ+19, BAA+19, BAB12, BCM+20, CMM+20, CWL+12, CCCDFD+15, DVB14, DVD12, DEG+17, EZTL+19, EMJ+13, FPR17, FEC+18, GEN20, GGCZ+19, HMHI+19, HMLW13, HLL+17, HPLO8, IAL10, JSS+12, IMG19, KOT18, KPK19, KKW+14, KA19, LNI13, LPK17, LP18, LLO4c, LWD+14, LLZ+18a, LTT19, LZX19, LSL+18, NGCB+20, NCS12, PSSP16, PiasM18, PPL+15, QMSG12, QPTGG+12, RCTY19, SPD+19, SCMS12, TTH15, TSB11, VDPH+09, Vann93, WCC18, WY17, WCC+09, YBQ07, YCY10, YSC+15, YJL18, YC13, YW12, YMY+17, ZGL+18, ZXZ18, ZB19, YYW+09]. allocations [SM14b]. allowing [VRG16]. almost [LD04], along [DFL17]. alternating [SM18]. Alternative [BDL06, DFT09]. Alvey [Ano84a].

Alzheimer [NDZ+18a, NDZ+19, KKP+05, NDZ+18b]. Ambient [VKT+19, YGS16, CRC+19, FKT14, MLGGB+17, NPH19, OdI14, SJA19, TF17, VRGR16]. ambulance [KKS+18a]. AMD [DRC+19]. ameboid [Len01]. America [PKP19], among [ELvD96, GSY+17, HS19, LLF+18a, SAGGB17, SCZ+19, VGD+19, dFPFG19]. amorphous [Ole07]. amount [PBC99]. amorphous [NN18]. AMPIC [CCHW03], amplified [SLDk03]. AMROBEA [MgyC06]. Amsterdam [vdR87c, vdR87e, Ano86i, Ano87b, Ano87c, Ano87l, Baa87], analgesic [WWA19].

Analyze [ACMM19, Bld16]. analyses [ATtC+16, GCBM17, JHC10, ODoD+13, SBA+17]. Analysing [BDP11a, WTP+13, CFC+20]. Analysis [AM17, BBC+17, BHE+19, BGC19b, CMEA+19, KVR15, KCH+13, KKA18, Li15, LRY17, MCA+18, MG16, MCRB19, MKS+19, SAKO03, SGY+07, SHL+19a, SB11, WTG+14, AAVL19, ASV+13, ASO2, AB18a, ABB+03, AMR+19, AMW99, ABG17, ASYF18, AMC19, ABK94, AGKZ18, ATX13, AAS+19, AAI+19, AEEM+18, Bag19, BCSS+20, BJ+20, BCT+07, BPP+07, BSR18, BBC+13, Bo19, BPS+03, CSV+12, CA15a, CP06, CCRV13, CFM17, CGP14, CPE+17, Cha15, CHC+17, CLL18b, CRYG18, Cho04, CWUS19, CDMR19, DMC+19, DZH18, DCFB19, DMPS19, DDMPG17, DMM+18, DNV+19, DDL01, DMM14, DZLA19, ETR+13, FAA+18, Fah98, Fer13, FNA12, Fio06, GI07, GHMX10, GAB+14, GL05, GHP+18.
GMP20, GRX19, sGbKS19, GRS+19, HHL11, HNP05, HKM+06, HPP+18, HAM18, HMW14, HZX+19, HLL12, HJK+04, IPA+16, JBC16, JAA09, analysis [JLS19, JYJ+19, JSS+99, KZL06, KI19, KPS18, KN06, KCV11, KV03, KU01, LCGPC19, LS+18, LOR+18, LZ+20, LWW+18, LCH+18, LOK09, LQF19, LWR+19, LGMV02, MLL15, MZH+17, MFC+19, MZP+19, MT17, MSA+19, MK19a, MHdIS19, MEBA12, MMC+18, MSM+18a, MBL+19, MOK06, MLZ+00, NJW+06, NKP16, NJ17, NAM+19, OKF10, OMPSP+19, OMPSP020, OCCK14, PVN+12, PBL+18, PH07, DLS14, P+TM+18, PPS+18, Qhn07, RJN+19, RLI98, RHH+19, RS16, RAA+18, RLM18, RGCCL18, SP18a, SVFad20, SR05, SOA17, SHN10, SVB+19, SG17, SWW+13, SLS+09, SAG19, SK06, SCC20, TSD18, TBK+10, TLS17, TBR+19, TM19, TKTG19, TSGVGRS19, TBNF09, VCI+19, VBL09, VR12, WJS+18, WDJC18, WXZ+18a, WYJ+19, WZH+19, WZY+19, WGW+20, WMA+19, WSS+09, WZL18, WCCW19, WBF08, WLA18b, WZ16, WWA19, WLZ+19, XFTZ16, XL19, Yam89, YPCK12, YPJ19, YN18, YPX+20, ZZDM+18], analysis [ZSX+15, ZWZ18, ZWWL18, ZMZ+19, ZRRZ19, ZCZ+18, ZWJ04, ZW19b, ZXL14, dACAM13, DDJ+13], analysts [SOA17], analytic [LJC+19, MMVP13], Analytical [ACG+20, JAA07, ZY04, CPBGC16, GS13, JS13, KSA0K3, PBA18]. Analytics [MGL+18, PN13, ABD+19, AA+19, ATM+19, ADLM18, BAI7, BAJ+19, BMP+16, CXL18, CMP+17, DP19, DGCGL+17, FSV+19, FFPS+19, FRM+18, GQLX18, HHZ16, IDM+20, IHA18, KPB18, KMST19, LJJ19a, LHPC+19, LIC18, MID16, ML19, MDT+18, Osn19, SAA+19, SG19, SJS19, WSG+18, WHY18, WLHH18, WZ+19, YSHM19, ZZH+16, ZWQ+19, uRYS+19]. analyze [BPAP92, RWV+13], Analyzer [VMM20, VOV17, SHLJ13], Analyzing [AT01, CRB+16, CBL13, HSB+18, PLL+18, RPdVR20, HHH+19, HHD+12, UZ11, WWSL19, WMLS14], anchor [SZO+20], and-or [GC94], AND-parallelism [ZS90], AND/OR [AB20], anddata [CC98], data-parallel [CC98], AndrODet [MDFT19], Android [GMCM18, ATT+20, AAI+19, DMM+18, GMC16, JCA+19, LLWZ18, MH19, MHdIS19, MMDFT19, MRL14, PZC19, SGS+18, TQG+20, WWH+17, WLM+18, WMJW18, XWRZ19, ZRRZ19, ZCQ+16], AndroKit [AAI+19], ANEOS [SM01a], Aneka [VCKB12, CVKB12, TS18], anesthetic [WWA19], aneurism [HORC04], ANFIS [BBM10], angiographic [RIC00], angiography [DGA18, RDS18], angle [XZ16], angle-based [XZ16], Angular [DJI+19], animal [KS18d, Mor01], animation [NMA00], animations [DK00], anisotropic [KZC04], ankle [Bo19], Annealing [GODM98, VSvD95, Cha11, SZ98], Annealing-based [GDM98], annotating [AOF18], annotation [GMP+16], Announcement [Ano84b, Ano87a, Ano93b], announcements [Ano93c], anomalies [FRP18, LYS+19, RKB18], Anomaly [HZW+16, ZGV19, AM16, BS17, CYW+19, FJ18, GKB+20, GNQ17, VSB19, WWZ18, WXZ+18b], anomaly-based [VSBN19], anonymity [AMQ+19, Opp00, TVV13, WSH+18, YHL16, ZLT+19], anonymization [KCI9a, NK17], anonymizing [ZL17a], Anonymous [FHZW18, WWDF18, AIB+18, ECE+19, LHM14, LYL15, MLC+18a, VCD+18, YZL+18, ZLL+19, ZMH+18], answer [YLG+16], Answering [ZLXZ18, LLYW19], Ant [DBT00, DDS00, SH00, TRFR01, TA18, CCL09, DS04c, FZHH14, MCA02, SH19,
TV16, WZ13, ZHHQ18, Gut00, PW09, PT16. Anti [BBH18, CMZ+18], anti-collision [CMZ+18], anti-unification [BBH18]. AntiCheetah [DLMS15]. Anticipating [Lea15]. Antipolis [Zna94]. ants [MVS00, MC00, WLB00]. anxiety [TCH19]. AnyLogic [BBK02]. AODV [ASAA18]. AOIFAS [Bo19]. APA [JNR12]. Apache [CSG+18, FPR18, GRZ+19, HSY+17, WGW+20]. Apart [GMM18]. APHID [SGKC10]. API [BC17, XLL+18a]. apicalis [MVS00]. API [BBH18]. AntiCheetah [DLMS15]. Application [FTK17, KTKN11, SH19]. Application-aware [CT19c]. Application-aware [RMJ18]. Application-layer [JZJW14]. Application-Level [PRF20, KKK+19, LBB+19, RPMG10, SRZD15, SEMJ11, SSL13, WLYL11]. application-specific [DR05, KANS18, WBF08]. Applications [Ano86i, CHK98, CSP98, DDM+05, MG18, PN13, RC18, RC19, SZW+19, WHW17, ZZLR18, ZYA+18, dRSBH94, AHS+18, APAZ17, AOIS10, AW03, ALTG19, AB01, AUSA19, ACH+11, AKCY+17, ATJMZ02, ABS+18, AAS17, AHU+19, AHL11, AJY12, AS19b, AD00, Ano87b, ACCM19, AB16, BMRW01, BBFW03, BG14, BK5+18, BC15, BC17, BC19, BSW06, BDNP13, BB06, BKSS02, BLY06, BCW01, BCG05, BF02, BFW+03, BGK+05, Bic05b, CGN18, CGCB+12, CVKB12, CTV12, CVT19, C21CMG+18, CPGB16, C21dCM+17, Car03, CSW06, CRVZ15, CBK+01, CA15b, CMZ95, CCL11, CMNK19, CES+19, CXL+17, CW13a, CGL15, CGSV17, CCHW03, CN98, CRM05, DQC+19, DZ98, DHB02, DST10, DST14, DMG+08, DFG+00, DMM+18, DPL14, Dub91, EAS+18, EAED18, EMB98, EET18, EO06, EMJ+13, ECA+18, EKGS14, ETR+13, FG18]. applications [FTP14, FRM+18, FHM+99, FS07, FFC12, Fri14, FM10b, FdSC07, FSP+18, GVUR1BV14, GB10, GA+18, GKB+20, GH19, GHUWZ94, GHEB+18, GJAP18, GMD19, GI85a, GK+12, GMA07, GMB+05, GIM16, GIK18, GVD+03, GPS+17, HY09, HGG+14, HC17, HB20, HRSW99, HMF+19, HPGM18, HKPT10, HXA+17, HHW11, HSC15, Hua05, Hum92, HMC06, Ig07, IDCJ11, IDM+20, JOPW14, JP18, JQ18, JMG19, JBP+18, KT08, KA09, KZLK06, KMB16, KWK+18, KK19,
KZ14, KC14, KST92, KSC+19, KS02, Kol18, KMK09, KMU19, KB00, KAC+18, KFK19, KKP00, KB09b, KKKM17, KKKM18, LB03, LC04, LJLW13, LMZ+14, LRYJ17, LTTL19, LWTI19b, LCL14, LZYC13, LZX16, LBB+19, LZYH19, LS08, Lnu00, MTNM08, MBB10, MFN13, MWC+03, Mam09, MVRM08, MAJ18, MZC08, MZC10, MBF+20, MD08, MV+99, MZL+19, MM08, MAD+16, MSM+18a, MTH+05].

applications
[MD15, MRL14, MND+19, MMPF19, MLZ+00, MMRL17, MVC+13, NF13, NAGD18, NS10, NHG06, NLV+19, OWX19, OS01, Pal06, Par94, PKY+17, PC17, PRL+19, PMPC13, PVHTP19, PBHK01, PA01b, Pro07, QCYJ17, RRS10, RBJ13, RBS93, RMCN+10, RVCL6b, dRR+R18, dRRdQGR+18, RSJ+14, RBC+15, SB17b, SH10, SBHD08, SG05, SBAD+18, Ser95, SY04, SD06, SPR+10, SJ18, SNC18, SB+19, SB17b, Sip12, SLSS19, SSKK13, Šle14, SL97, SPM86, SLJ+06, SG14, SSC04, SPEW09, SSK+08, SK19, SJ+19b, SMSG95, SVN10b, TQZ18, TKA+18a, TKTG19, TVB18, TAHS14, TJWT00, TBB+17, TCBC18, TS18, TGM+19b, TSHA18, URKM19, VCKB12, VETT16, VL19, VSKS19, VRS+19, WYBS11, WTM+17, WJS+18, WY17, WLW+19, WS05, WL05, WCVL12, WBKL16, WOPW13, WG13, WWT+16, WHYZ17, WPS+18, XYLZ18, XLZ18, XLL+19b, YZC+19, YHJK19, YNSM12].

applications [YFY+13, YWCC18, YJHZ14, YLC+06, YL16, ZME+15, ZZ15, ZCK+15, ZCS+16, ZZZ19, ZHZW19, ZBB09, ZSMS18, ZBF14, dSF+17, dUPFG19, dKdOS03, DRGC+19, vdR87c, vdR87d].

applicative [OBK88].

Applied
[ACG+20, DDJ+13, KG01, MGMT18, SSFFR19, Szu98, WAEL06, ZPPE17].

Applying
[CFVP03, UB07, ACML05, KNI+18, MSE19, NWE04, OCDAM07].

Appraisal
[Tie93, vdR93b].

Approach
[SAM19, ABZK15, ABDH19, ARP+19, AR18, AIP+19, AEGF+01, ACSdRR17, AGP+92, Ale97, AVP07, AL18, Ano12t, ASY+18, APC+20, AB17, AB18c, AB19, ATX13, AMR18, AMBC19, Bae14, BBD+19, Bal6, BRWd11, BFS+17b, BP01, BR04, Bel16, BRH18, BAC02, BMZ10, BR19a, BCPS03, BVDF00, Bu18, CQW+19, CGCB+12, CWJD19, CCRV13, CA13, CFG+19, CPK05, Cha11, CES+19, CAL+18, CMP+17, CM99, CTU19, CGM+19, DEL19, Del06, DS00, DHW+17, DAM08, DA16, DV13, DLD TGMMP16, DMM11, DC18a, DdM10, DLR14, DdSdN+19, DPL14, DC00, EG18, ED04, ECA+18, FTK+14, FJL+16, FEP18, FPPD14, GEN20, GIZK05, GHEB+18, GAJP18, GGK20, GFM+20, GD02, GLD+19b, GNGG17, HAAH05, HO17, HDK18, HHL11, Ham17, Ham19, HZC10, HLYW17, HSBE19, HBH09, HK+16, Hol93, HFL+19, HZ19, Haa10].

Approach
[HQ10, HHIZ16, JLCC12, JHV+20, JS13, KSS11, KZA+18, KTKN11, KB14, KJI11, KA08, KK14, LBD18, LA19, LY17, L90, LC05, LJLW13, LXL+17, LPY+18, LYW+18a, LQW+20, LDJL19, LRMS19, LWS+12, LSL+15, LHW+18, LDCZ20, LO19, LCMC18, LKJ17, LGMV02, dSMAdR+17, MD92a, ML11, Mddo17, MdMMNS+19, MCT+09, MZC08, MEBA12, McC96, MD08, MSB16, MHZK18, MBL+19, MC04, MMBD20, MSS+16, MAB+15, MSM+13, MMR17, MAQ+20, NSR+19, NS17a, NSP07, NJH+18, NGB18, NNUV20, NJKH13, Nos98, OMKM+19, ODC19, PZC19, Pal13, PC17, PNZ14, PSY+19, PVHTP19, PS19, Pon19, PDW+11, PPP16, PPJ95, PA01b, QZD+18, RAKJ18, RGN+18, RSAA18, RLP12, RPP+20, RW18, RWO+19, SSHC19, SBCF16, SSFFR19, SD18, SAM+19, SB97, SZ12, SMS14a, SSJ19, SCZ+19, SEPV19, SSI19, SJI18, SCMS12, SBA+17, SMM+14, SRKS18, SL19].
Approach
[SK19, SCJ+19b, SLL+17, SAC11, TOM+20, TM19, TV16, TOS18, TMS+17, TCCW19, TC92, UZ11, UPP17, Var03, Var93, VGBLGS+06, Ven08, VV16, WN10, WPY19, Wan20, WXZL11, XLL20, YAO14, YP12, Yos89, YZ12, YNL17, YNK+20, ZBCT17, ZYB+18, ZZJY16, ZS90, ZWJ+18, ZL04b].

Approaches
[GTEL+18, HXL90, ASAAM+19, ALK15, BMU18, BDL06, CMS+18, CDMR19, DL03, EDH13, Hab05, HHS+18, LIH+19, Meu05, MOFGP18, Pet95, SSG19, STP05, SB11, SNXB17, TAHS14, ZZN04].

Approaching
[CAC+10].

approximate
[DK14, FSD+20, FZT+18, GPS13, sGbKS19, MM03, SK19, WLW+19, YDQC19].

approximating
[SK04].

Approximation
[Tho06, BTG19, SC16, Tab06].

approximations
[Gue01].

apps
[AMRM18, DC18b, PZC19, WLW+18, WTTH19, HXC+18].

AppTCP
[WWD+14].

April
[Ano20e].

APT
[DC18b, ZCW19].

APTs
[LA19].

AR-RRNS
[CBT+19].

arbitrary
[kHsZwJW18, JLL17, VMSRM12].

archaeological
[LKK+16].

ArchaeoSTOR
[GML+13].

archeological
[GML+13].

Archimedean
[TM19].

architect
[GLSV07].

Architectural
[GS95, KR14, GBMP13, LLES19, LTZ15, Niw89, QCD16, SSK+08, TZL+18, TSOB15].

Architecture
[ACC+19a, CBS17, FP03, GLM+12, Ger02, Her84, HKT94, MBMTJR18, PGCML+19, RBV88, SCL18, ZDL+13, ZLG+14, AKB+01, AG92, AdI14, AGB+92, AMW99, BBC+17, BLO+18, BÖ20, BBG+05, BCC+17, BRH18, Blm95, BGL+05, BDH14, CST91, CDF+05, CBK+01, CFC+20, CJ14, CWW+13, CWW+16, CS96, DVD12, DGCGH+17, DJ13, EDH+13, ES94, FNA11, FRM+18, GDJ+13, GD10, GD05, GIK18, GSY+17, HIA18a, HDO16, HHS98, HSGY20, HO02, HML07, HML09, JYY+17, KR19, KS11, Kat04, KSS19, KB18, KLM+04, KKK07, Kim07a, Kim07b, Kob92, KGLA85, LG08, LBJ+18, LLW+12a, LKN+13, LFP+17, LHL03, LRC+18, LML+19, LMA+19, LMCSE19, LHBC16, LYH+19, MH01, MVL+18a, MPCAF15, Mar90, MPF+16, MRH17, MHA08, MPPM09, MRS+18a, Mur88, Ném00, OBK88, OFT09, OBG+18, PO00, Par06, PSW+14, PSA+09, PBC+11, PPMM+18].

architecture
[PMLVLS+13, PSS01, PSBB15, RBGA18, RHPV17, RCOP+11, SA07, SZC05, SSS02, SGKC10, SP18b, SD03, SHJ06, TSTD16, TJLT00, UKK+19, VETT16, VDK12, VFHB14, WZW19b, WS+16, WX16, XWW19, YA15+15, YS16, YCX05, ZMP10, ZFM20, GMEL08].

Architecture-based
[ZLG+14].

Architectures
[DO15, HYZS16, HV84, P699, TKRA14, VDTK12, BFLL99, BSC06, BFP18, BW95, BPC+14, BS+05, CA15a, CDG+14, CG09, CQIP14, CCL11, CPSRG14, Dim91, DLH+17, DD14, DM12, EBCP18, FLC12, Gil85b, GRCP+17, GLJ19, Her87, IS18, IGB+14, JPB17, JBA94, KUN94, LX13, Lop96, Lop93, MAC14, MCA+18, MSPL93, PSPP16, Pal13, PMCC18, PPS18, RC18, RC19, SB19c, SGdMM96, SCAC+19, SMBMT+18, TR85, UW92, WBT05, ZMN99, dLB10, vM94].

archive
[Fin99, GML99, ILJ+08].

archives
[AMW99, HC99, SB99].

archiving
[PCM99].

Ardent
[LM90b].

Area
[AS18a, PP10, AL14, GGH+06, GGSZ09, GG10, HLY17, LCFB13, LR+06, LWS07, NAG18, OS01, PSVL02, RSR99, SCS+18, VBL09, ZGV19, vdR87].

areas
[Ham05].

arguing
[Sch00].

Argument
[SWCL95].

Argumentation
[DKFK18, OAAMS18].

ARIANE
[BPA92].

ARIANEXPERT
[BPAP92].

ARIES
[BDM+20].

Arigatoni
[CCL08].

arithmetic
[FGG03].

ARM
ARM-based [OBG+18, RRP+14, SGN+17]. ARM-based
[OBG+18, RRP+14]. Armada [OK02].
ARMCO [PPB16]. ARMOR [MML+18].
arms [Poh87]. Arranging [Leo98, GVdBL15]. Array
[CCKW88, VV92, Mur88, Pan95a, PHL98, WHZL10, CSV+19]. arrays
[Du18, EFD00, Van92]. arrhythmia [MdMMNS+19, SD18]. arrhythmias
[AFO+18]. arrival [MRN19, WMLS14]. ARS [TSK03]. art
[CsZgG+13, IDM+20, LCC19, SGP+20, SJV+15, Van87b, VCL03, dCTVC18].
arterial [DIK+06]. arthritis [VTQ19]. arthroscopic [Bo19, WWSM98]. article
[LZL+20]. artifact [KYZ09]. artifact-centric [KYZ19]. Artificial
[All92, Ano84e, Kow85, LFY+19, Sch85, SLS+19, vdR87a, Ano86l, BZY10, Che18, 
CZL+18b, ED04, EO86, GJKP18, HXWW18, How91, HLZ18, JL98, KLR01, Kow84, 
KS18c, Lop96, MGA+18, Niw89, RBC+88, SMS+19, Wii84, XLW+17, YZGW18, ZZN04, 
vdR87b, Ano87b, Ano87c, GKT15, vdR87c]. artistic [UNM+16]. Arts [BHD09]. ary
[Pan95b, SAK03]. as-a-Service [ACC+19c]. ASA [SC+17]. ASIP
[ABF+15a]. Aspect
[MWQ+19, MZP+19, YPX+20]. Aspect-based [MWQ+19]. aspect-level
[MZP+19]. aspects [AR18, BBvdB+11, BCPS03, CSL18, LLRS94, Lop03, MZP+19, 
MZZ10, QCD16, RGH+01, WM14, vdV89b]. ASPEN [LM90a]. assemblies [RSRA18].
Assembly [KM01]. assess [FFGP+18, Kim18]. Assessing
[PRL+19, SG15, ZGS+13]. Assessment
[FW19, PM04, vdPGZ+16, AB19a, 
ABGMC19, AJ19, ACSV18, BBC+17, 
CCL19, FJA+18, GAML19, KHG+18, 
LCGP19, LZT+19, LWZ+20, MLZ+00, 
PRSR14, PB18, PKA19, RHI+19, YYS+19, 
ZL04b]. Asset [PLL19]. assets [GMT19].
assigning [HCL+17]. assignment
[ADBO18, AAM+16, DLXR14, FGW+19, GCT+20, HYG+19, KMT14, KRZ+19, 
LTC12, LXD17, LHC03, MC00, RS17a, 
RN01, THKG98, TRFR01, TdPF+17, 
VAdLP12, Var03, VTTK17, WZZ+18].
ASSIST [Ueh89]. assistance
[Ohy89, SOR05, SZD+17, Tak89b, TD95].
Assistant [VKT+19, FGW+19, HIA+18b, 
KFF89, LCMX16, SNC18]. assisted
[BDS+10, CCC19, FKT14, FFL+19, 
HMA+18a, HDLW13, JYZ+19, LZY+19a, 
LLL14a, LKG08, LNY+18, LYL+19, 
NDA+19, RK20, RSK16, SJSA19, TMB+19, 
VRS+19, WXY15, WXZ+18a, WLAC20, 
ZYZ+18, ZWQ+19, HLL+19, WLML17].
assisting [SGRT19]. Assistive [KPG19].
association [AVP17, EBOY14, LHW+18, 
LWZ+19b, PGCM+19, RAK18, SA97, 
XL19, ZDW+18]. associations
[GG18, KZCW13]. Associative
[CC08, HMMW19, NSI84, SSZ+17, AMI90, 
CMP+17, TM20, WGL09]. assortment
[SSH19]. assurance
[GSC11, LLW+12a, WWRS16, WLW+19].
Astronomical [SB99, GML99, OFO+99].
astronomy
[HJPS03, LBM18, PCM99, SLJ+06].
astrophysical [RBS93]. astrophysics
[LKA+19, MGC+06, BAC+05].
astrometrically [CRG18, ZZKH20].
asymmetrical [CRK04]. Asynchronous
[SM01b, AT01, CCL11, DOV01, ESFD06, 
MMR02, PSS17, Pap05, WHCZ18].
asynchronously [SLG+17]. ATLAS
[JLRS18, KVR15, KMC03, Uch86]. ATM
[MK04]. atmospheric
[LN18, PPZ12, WJZ+17, ZDL+13, AKMK05].
atom [ZWZ19]. atomic
[Bag11, Tor04, OB04]. Atomicity
[WLF+09]. ATOP [SGH+08]. ATOP-Grid
[SGH+08]. ATOS [Lau92]. ATREX
[Tak89a]. atrial [Wan20]. attack
[AZQ+18, AAC+19, BBS+20, BHVC19, 
CM17, DYY+19, DC18a, DCC13, JNHL18, 
KM99, LKH+01, LOK+01]. atomicity
KAW12, LSL+15, LMM19, NZL+15, NAM+19, SPT+18, SCLC19, WLYL11, YWJ+18, ZCW19]. attacker [PLGMCdF18]. Attacks [JL14, LW19, IDK19, JCL+19, KIAD17, KPS18, KdG+19, NNC+19, OA17, QKC19, SCLC19, SCH+17, SSB13, TA18, VS13, ZJW+14]. attempt [SLZ95]. attention [FJA+18, LBT+19]. attention-scoring [FJA+18]. attestation [GZW18, ECE18]. Attractor [Ami90, TZD+19]. Attribute [CDL18, KH97, LAL+15, LHL15, LWL+18, Rao17, SH90, SYK+17, WLXZ18, CIK10, FLT17, FRZ19, GB10, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LLY15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCL14, SCZ+14, SLM08, VPP+19, XZP+19, XTZ+19, YCT15, ZCL+18].

Attribute-Based [LAL+15, LHL15, Rao17, CDL18, LWL+18, SYK+17, WLXZ18, GGM+09, HZL18a, HYS17, HYS18, JSMG18, LLY15, LDZW19, MWQ+14, QRW+18, QGT+18, SMSF18, SCZ+14, VPP+19, XZP+19, XTZ+19, YCT15]. attributes [BFS+17a, BFS+17b, VLFK09]. attribution [ATT+20, Mill11, NAAC19].

Auction [ZBL+14, IAL10, YLJL18, ZXZL18]. Auction-based [ZBL+14]. audiences [PNH99]. audio [BDMO11, LYXT14, MSK03]. audiovisual [VWD+08]. Auditable [ED16]. Auditing [SK07, BSCC06, LY+18, YNY+14, YXA+16]. auditory [CPP+18, XZY18]. augmentation [AGKZ18, GBRM18]. Augmented [SIIQ20, BB04, CES+19, KMV+15, LWZ+19a, RMSMP17].

Augmenting [HMZ18, GKB+20]. August [Ano19q]. AUGUSTUS [SL+09]. Aura [HHK18]. AusPlots [TSTL16]. authenticated [ODK+17, OSANAM19, PPQ19, YZL+18, ZXWA18].

Authentication [AMSPL19, ASO14, ABB19b, BDFP05, JLA+19, AMN18, AMK19, AHM+18, APK+18, AIM+19, Alp18, AKB+18a, BK19, BDL+19, BDM+19, BLAN+16, CJKX19, CHS11, DEL19, ED19, FHZW18, GHD19, GAI+19, GLB+18, Ham19, HZW19, HLC16, HPL+19, IOV+18, JKKAU19, KK20, KVvE18, KLW+16, KLW+17, LCO17, LMK+18, LWK+18, LW19, LMM14, LH13b, LH13, LYY15, LNY+18, LWF+17, MCN+18, MZL+19, MR00, PYH+18, PLGMCdF18, PCK19, SGCCR+16, SCS+18, SYW17, VCD+18, Wan18b, WDKV19, WLS+18, YHL16, ZZY+19, ZLY+19]. authenticators [SYY+17]. Authenticity [CBD+05]. Author [Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano93a, Ano94a, Ano94b, Ano95a, Ano98a, Ano01a, Ano02a, Ano03a, Ano04a].

authoring [Tak05]. authoritative [WMA18]. authorities [HWW04]. Authorization [GdLVoT03, KWR+13, ABTF16, ACC+05b, BPC+14, CHC+17, CZZ+18, CBPP18, DLLZ17, GXX+09, GVDvBlD15, GGM+09, HHD+12, LCO15, LXZ+18, PBC+11, SBL18].

authorization-security [ABTF16]. authors [AK18a]. authorship [AsRA+19].

Auto [WLH16, DWS12, EPB18, KTTK17, LCL+18, LMA+19, RSY+18, SSI19, TV16, dACNC16, vW19].

auto-encoding [LCL+18].

auto-scaling [DWS12, EPB18, KTTK17, LMA+19, SSI19, dACNC16].

auto-tuner [vW19].

autocorrelation [DH16].

autoencoder [BR19, UMBHB19].

Automata [TS99, TA18, BMPS01, Ban02a, Ban05, Bog99, CM99, CBBdL16, DS99, FW02, GZ04, HRSW99, JM02, KCT99, Mar02, PRN14, RGAT18, Ser98, ST99, TSZP99, W099, BP02, CDRS05, PIM02].

Automata-based [TA18, CBBdL16, RGAT18].

automate [TC92].

Automated [AD18, AFO+18, Asu13, Bea03, BGN19, CPP16, FMO1, FTD17, GACM17, GGTRRC16, GMM18.
KHO$^{+19}$, LJ17a, LJW$^{+19}$a, NUPA19, PKI$^{+18}$, RBGA18, RHC15, Si93, AAF18, CsZtG$^{+13}$, COC10, GBRM18, GRS$^{+19}$, Hua10, JBR$^{+16}$, KBT210, LPL$^{+20}$, RSRA18, dSSCdL19, YPHZ14.

Automatic [Büc05b, CMV1A18, HWWT12, HAAR$^{+19}$, Kom89b, LLN$^{+18}$, MHA09, MCD16, Reu03a, Röb05, TGB$^{+20}$, ZX14a, ZLZ13, ZSL$^{+19b}$, ZH17, diVGSB$^{+20}$, Adl14, AM16, AC01, BBH18, Büc05a, DLZ19, Fau05, GMMM18, HLZ, MCdA16, Reu03a, HNS05, MDM$^{+19}$, SK04, SBTL05, TMDZ15].

Automatically [CHSA18, BCF16].

Automating [BJA$^{+05}$, LAT$^{+20}$, XLL$^{+18a}$, MHO1].

automation [ACPI19, DDV92, DVJ$^{+15}$, JBC16, WBKL16, WTP$^{+13}$].

automaton [Ban02b, DDL01, LPY$^{+18}$, SLT19].

Automobile [Tak89a].

[AMC¸19, NJKF18, YK17].

average-case [AMC19].

average-utility [YK17].

Averaged [BSF$^{+20}$].

avoid [GL05, OWX19].

Avoidance [HAA$^{+20}$, SSK$^{+19}$, CCW$^{+20a}$, Ciu10b, DPK$^{+19}$, NLS19, ZGL19].

AVS [WKF03].

AVS/Express [WKF03].

Aware [ABTA18, BLO$^{+18}$, BTP19, HAA$^{+20}$, JGB19, KMR15, KV17, RMA$^{+18}$, SV16, TKA18b, WLL$^{+19b}$, WDW$^{+19}$, AHEM17, AGR19, ADAAD12, ARSMY19, ADA$^{+19}$, AS19b, ALK15, AMR$^{+19}$, ACCD17, AMT$^{+12}$, AGA16, AB17, AB18c, ABN19, ACSV18, AC18, AEME$^{+18}$, BAA$^{+19}$, BAB12, BPC$^{+14}$, BCDP12, BB$^{+19b}$, BMK$^{+14b}$, BCR$^{+12}$, CXZ$^{+19}$, CMX$^{+20}$, CCIP18, CBC$^{+19}$, CCL$^{+20}$, CCCC14, CHY$^{+18}$, DWJM18, DPK$^{+19}$, DKV14, DFG$^{+19}$, DDD18, DSBC19, DAF19, DCMW17, EMHE18, FG18, KFT14, GCT$^{+20}$, GMM18, JGB19, GAT$^{+20}$, GDH19, GDJ$^{+13}$, GJ15, GD10, GS16b, GKT15, GBKJ18, HZC$^{+08}$, HY09, HGG$^{+14}$, HCM19, HNK018, HCJ14, HH19, HMM20, HSC15, HZ19, HYRZ20, HBN$^{+13}$, JGFB18, JLQ$^{+17}$, JNR12, JLD$^{+19}$, JEB18, KMB6, KS18a, KANS18, KSF$^{+13}$, KRD$^{+19}$, KCS14, KK$^{+20}$, KB09a, KBB$^{+16}$, KIC12, LTC12, LLC14a, LPK17, LPK18, LGY$^{+16}$, LYYY18].

aware [LJGW18, LQW$^{+20}$, LYYG20, LYV$^{+20a}$, LAQ$^{+19}$, LWS$^{+12}$, LLG$^{+20}$, LZA$^{+20}$, LWZ$^{+20}$, Lok12, MCL$^{+16}$, MHC14, MMV10, MBM18, MHK18, MQL$^{+19}$, MPR$^{+16}$, MMDB20, MBA19, MMPF19, NKB19, NK15, NSSA$^{+14}$, NJ16, Pal09, PP10, PC18a, PLXZ19, PKC04, PPJ18, PSR$^{+07}$, PNZ14, PAB$^{+14}$, PR$^{+14}$, PSM$^{+19}$, Qur19, RMRSA19, RMBDB18, SSG19, SC16, SHRE16, SD19, SAK19, SCY$^{+18}$, SMG18, SSSJ19a, SRN$^{+18}$, SK19, SSSJ19b, SCSS11, SCH$^{+17}$, SSI17, SLY$^{+19}$, SLG$^{+19}$, TCR$^{+15}$, TCC11, TCR$^{+12}$, TuIS19, UGBM17, UDvW18, VNAM19, VDTK12, VPT$^{+15}$, VGC$^{+13}$, WKC$^{+13}$, WWG14, WCC$^{+16}$, WLC$^{+16}$, WZZ16, WQW$^{+18}$, WCH$^{+18}$, WSZC18, WZ$^{+18}$, WPY19, WZZ$^{+19}$, WS10, WZ13, WYH$^{+17}$, WZ$^{+18}$, XDH$^{+17}$, XZC$^{+19}$, YGW$^{+20}$, YIA17, YCX18, ZMFT16, ZL13, ZME$^{+15}$, ZHHC17, ZGL$^{+18}$, ZWS$^{+12}$, ZSL$^{+19a}$, ZSGJ19, ZQB$^{+18}$, ZSLH18,
ZAC$^{18}$, ZFH$^{+18}$, ZTD$^{+18}$, ZWYH$^{19}$, dSGD$^{19}$, dACAM$^{13}$, CGO$^{9}$, KC$^{14}$.

**awareness**

[AL$^{14}$, ABF$^{+15b}$, GRT$^{V10}$, LCL$^{14}$, RR$^{18}$, SHBP$^{10}$, WSC$^{+19}$, XFTZ$^{16}$, ZRZR$^{19}$].

**AWS** [GAMC$^{19}$]. axisymmetric

[CASW$^{05}$, de $^{94}$].

**B** [Zem$^{86}$, vdR$^{87e}$, IEGO$^{04}$, WWT$^{+16}$].

**B-spline** [IEG$^{04}$]. B.A.T.M.A.N.

[DCBF$^{19}$]. B.A.T.M.A.N.-based

[DCBF$^{19}$]. Back

[SKS$^{+18}$, CWSW$^{14}$, GKIZ$^{05}$]. back-end

[CWSW$^{14}$]. backbone [ZJW$^{+14}$].

**Backbones** [Sch$^{03}$]. Background

[LXT$^{+19}$, TWZP$^{18}$, HCC$^{+14}$, YPH$^{14}$].

**backhaul** [WCW$^{18}$]. Backplane

[BBM$^{+03}$]. backplanes [Mam$^{09}$].

**backpropagation** [JL$^{98}$, RM$^{97}$]. backup

[PPJDO$^{13}$, WZZ$^{16}$]. backward [NJB$^{19}$].

**Bacteria** [VR$^{12}$]. Bacterial [RC$^{13}$]. bad

[TWG$^{+19}$, WBT$^{+08}$]. bag

[APAZ$^{17}$, CRL$^{17}$, CA$^{15b}$, GGS$^{13}$, MVC$^{+13}$, TVB$^{18}$, WL$^{05}$, DFC$^{+08}$].

**bag-of-task** [CRL$^{17}$, MVC$^{+13}$, TVB$^{18}$]. bag-of-tasks

[APAZ$^{17}$, CA$^{15b}$, GGS$^{13}$, WL$^{05}$]. bagging

[ArMS$^{19}$]. Balance

[LLP$^{+20}$, CWW$^{+16}$, DXL$^{+18}$, LQNW$^{20}$]. balanced

[AS$^{18a}$, CTR$^{+17}$, CCL$^{09}$, CFI$^{+19}$, DL$^{03}$, DC$^{19}$, SDTA$^{19}$, WWT$^{+16}$, XZK$^{+20}$, YWCC$^{18}$]. Balancing

[GX$^{+18}$, LCZ$^{R12}$, MD$^{12}$, OSHI$^{96}$, dRSS$^{97}$, AA$^{18}$, ADOKM$^{06}$, BCMR$^{01}$, BM$^{08}$, BL$^{02}$, CSJN$^{05}$, CY$^{01}$, Cho$^{04}$, HLW$^{12}$, IS$^{18}$, KRZ$^{12}$, KNK$^{+08}$, KMK$^{09}$, LYM$^{Z9}$, LZWX$^{13}$, LLP$^{+20}$, LN$^{18}$, LYH$^{+19}$, MM$^{03}$, MKM$^{11}$, PZA$^{18}$, PGSM$^{05}$, PR$^{+14}$, Qin$^{07}$, SB$^{97}$, SMG$^{18}$, SJTN$^{18}$, SMA$^{08}$, SLH$^{+19}$, TZL$^{18}$, WCF$^{+15}$, ZGB$^{+17}$, ZMS$^{+06}$, ZFC$^{17}$, ZFC$^{18}$]. balls

[LG$^{AVM}$]. **band**

[SYC$^{18}$, VA$^{dlP}$]. WyJ$^{+19}$, WG$^{X+19}$.

**bands** [SLH$^{+19}$]. **Bandwidth**

[VS$^{04}$, XD$^{H+17}$, AHP$^{16}$, AHP$^{+18}$, CMX$^{+20}$, CGL$^{08}$, CALN$^{03}$, KWK$^{16}$, NF$^{07}$, PBH$^{K01}$, WLP$^{10}$, WQG$^{15}$].

**Bandwidth-aware** [XDH$^{+17}$]. Bank

[Wy$^{17}$, NUPA$^{19}$, YW$^{12}$]. banking

[GPA$^{00}$, KV$^{e}$]. banks [ABCD$^{00}$].

**BANs** [BLL$^{+19}$]. barrier

[Pan$^{95b}$, SO$^{98}$, WPJ$^{16}$]. barter [SM$^{10}$].

**bartering** [GBRM$^{18}$, ZAI$^{3}$]. Base

[BMFC$.^{07}$, BBCN$^{18}$, Nis$^{93}$, ZY$^{90}$, vdR$^{87i}$, Cha$^{15}$]. Based

[G$^{BY}$, G$^{SD}$]. GGC$^{18}$, HX$^{A+17}$, LAL$^{+15}$, LHL$^{15}$, ML$^{17}$, RRKA$^{19}$, Rao$^{17}$, Sar$^{18a}$, ST$^{11}$, S$^{CH+17}$, YG$^{18}$, YTH$^{84}$, AD$^{18}$, AO$^{06}$, ABZ$^{K15}$, AMN$^{18}$, ABMESSM$^{18}$, ABM$^{MC18}$, ABM$^{19}$, ANA$^{16}$, ADM$^{06}$, AJY$^{15a}$, AA$^{18}$, ARP$^{+19}$, AJR$^{+19}$, APRC$^{16}$, AKP$^{+18}$, ANG$^{+19}$, AMH$^{02}$, AAC$^{O4}$, AJ$^{19}$, AA$^{AQJ+18}$, ADA$^{AD12}$, ADOKM$^{06}$, AT$^{JMZO2}$, AAS$^{I17}$, ABB$^{+19a}$, AAQ$^{+19}$, ARP$^{14}$, ASO$^{14}$, AIA$^{+18a}$, AIM$^{+19}$, ACHP$^{19}$, AT$^{dC+16}$, AD$^{H+16}$, AMW$^{99}$, AK$^{14}$, ACM$^{M19}$, AAM$^{+19}$, AMK$^{M18}$, ABF$^{+15a}$, SYJ$^{+19b}$, ASA$^{A18}$, AB$^{95}$, AMT$^{+12}$, An$^{86j}$, ACCM$^{19}$, AKG$^{+17}$, AB$^{16}$, AMPZ$^{16}$, AZO$^{+19}$, AM$^{19a}$, ANO$^{8}$, ACPI$^{19}$, BK$^{19}$, BA$^{J+19}$, BDE$^{17}$, BBC$^{+17}$, BG$^{12}$, Bae$^{14}$, BBD$^{+19}$, BR$^{L19}$, Bvd$^{BM+93}$, BKB$^{11}$, BDP$^{11a}$, B$^{O20}$, BMP$^{S01}$, BP$^{02}$, BAKB$^{19}$, BDL$^{+19}$, BARM$^{B14}$, BF$^{P18}$, BMFC$^{07}$, BP$^{01}$, BKG$^{05}$, BDM$^{+19}$, BGH$^{+03}$, BB$^{T19}$, BC$^{Dv+19}$, BR$^{H18}$, BBC$^{+12}$, BKSS$^{02}$, BMU$^{18}$, BW$^{13}$, BRMN$^{04}$, BS$^{09}$].

**based** [Bo$^{Ata}$, BT$^{17}$, BGMLS$^{17}$, BYH$^{+20}$, BP$^{AP}$]. Bru$^{01}$, Bu$^{18}$, BW$^{19}$, BC$^{B+07}$, CT$^{19a}$, CSV$^{+12}$, CMZ$^{+12}$, CEP$^{19a}$, CSC$^{+05}$, CYLT$^{05}$, CRL$^{L17}$, CQW$^{+19}$, CAC$^{+10}$, CLZ$^{18}$, CLL$^{+18a}$, CPP$^{+18}$, CdCD$^{07}$, CBK$^{+01}$, CP$^{D+15}$, CPE$^{+17}$, CO$^{03}$, CFC$^{+20}$, CEGL$^{01}$, CKK$^{+04}$, CGH$^{04}$, CFL$^{+15}$, CLL$^{18b}$, CXZC$^{18}$, CMI$^{+19}$, CES$^{+19}$, CT$^{T+08b}$, CCS$^{+10}$, CLL$^{+14}$, CYZK$^{15}$, CJW$^{16}$, CJC$^{+18}$, CLH$^{+18}$, CLR$^{18}$, CRYG$^{18}$, CZH$^{+18}$, CZZ$^{+18}$,}
[WWC14, ZZH+16]. **bi-objective** [CGS18]. **biased** [PdASM18, ZSFZ19]. **biconnected** [AAC04]. **Bicycle** [ZMN19, ZWQ+19]. **bidding** [WCHL10]. **bidding-based** [WCHL10]. **Bidirectional** [MAC17, WHBC19]. **Bien** [vdR87i]. **bifurcation** [AKH+04]. **Big** [AAA+19, ASYF18, BA17, BAJ+19, CMEA+19, CCRL18, EET18, GBB18, JGFB18, Jun17, KS17a, KBP18, KLH+18, LIC18, MGL+18, NNHL18, PN13, PPA18, RPA+18, SNXB17, SCG+18, VEET18, WSO+18, WRK+15, WJS+18, WXGM18, YDD+18, YZI18, ZCYY18, ABD+19, AT20, ATH+19, ATM+19, ACSV18, BG114, Bha18, Bu18, CQW+19, CGIP14, CCMP18, CZXL19, CRGY18, CZZ+18, CLS19a, CDB+19, CSQL17, DJPM18, DP19, DQXW19, D XL+18, DZLA19, EAS+18, FRM+18, FS18, GQLX18, GLC19, GBY16, GSY+17, HPGM18, HZDS19, Hsu14, kHsZwJW18, HZ19, HHZ16, HXL+18, IAM+18, JH16, JHC18, JLC18, KOP+17, KPI8, LFP+17, LLZ+18a, LZH+18, LJJ19b, LWI+18, LYZC15, LSHW17, LW+18, LWZ+20, LW+19, MWW+15, MLC18b, MVL+18a, MPCAF15, MMC18, NJ17, OFD17, Osm19, PFRC16, Prv17, PYM18, PPS18, QGX18, QX18, RTHB17, SVZ19, SB17a, SBA+17, SB+18, SDZ+17, SSZ+17, SJSA19, TZQ18, TF18, TBR+19]. **big** [TWZP18, WXPL17, WMY+18, WZW19b, WHLH18, XBM16, XLY+19a, XTF+19, YWCC18, YZG+18, YWL19, YSH19, ZYB+18, ZFS+18, ZHL+18, ZWZ+18, ZQ18+18, Zhu18, uRYS+19, PPS+18, AKP+18, BB+19, CRV+16, CW16, DX14, EET20, GS16a, IMM+20, IDM+20, KKA19, MCR+16, MP+16, SH16, ZS16]. **big-data** [BG114, ZYB+18, ZQ18+18]. **Bigdata** [WLZ+19]. **BigFCM** [GGN17]. **BigFlow** [VSB19]. **BIGSEA** [AAA+19]. **bike** [TCH19]. **bile** [HZX+19]. **bilinear** [ZZ15]. **bill** [MD12]. **billing** [MK17]. **billion** [CCZ+19]. **billion-scale** [CCZ+19]. **Bin** [BB17, LZCX19, MA+19, SK12]. **bin-packing** [LZCX19]. **Binary** [GK18, RSRV88, SBCF16, CC98, HWXW18, JLS19, LLZ07, SMS+19, TGJ+20]. **binary-search** [CC98]. **binding** [LLL15, MMA19, MLBS11]. **Bingham** [FNC12, FHZW18, KLH+18]. **Biometrics-based** [AAC04]. **Bicycle** [PdASM18, ZSFZ19]. **Biometrics** [FFC12, FHZW18, KLW+18]. **Biologically** [Pet95, Meu05]. **Biologically** [Alp18, BCN+18, BLC19, BWR12, CCL19, DEL19, GEAR13, Ham19, KK20, KZA11, LTJK12, LK12, MR00, NWMG17, Sar18a]. **Biometric-based** [BDM+19]. **Biometrics** [ALE97, BW13, FFC12, AGBR19, FHZW18, KK20, Kha12, KS18d, KLW+17, LNK+18, Pol99, TA19]. **Biometrics-based** [FFC12, FHZW18, KLW+17]. **biomolecular
[NJW+06]. biopsy [BDS+10]. BioSim [CSC+05]. BioSimGrid [NJW+06].
bipartite [GEN20, GQX18, TJJ18], birth [PS19]. Bishop [Ano86i]. bistability
[vdR87e]. bit [KHHJ10, KKL09b, YFY+13]. bit-rate [KHHJ10]. bit-store [YFY+13].
Bitcoin [HCW+18, WYZ+20, HS19, VSM+19, WLGL19, ZMH+18].
Bitcoin-based [HCW+18]. bitmap [CH10, SK04]. bitonic [GDAS18].
BitTorrent [AY16, HWZL08, WSU+10, WFC07, WLQ10]. Black [VBV13b, CCL19, SHB89]. blackbox
[CCL+14]. blackbox-oriented [CCL+14]. blacklisting [OWX19]. Blanc [OBG+18].
blank [FZT+18]. blast [YWA+89, BPC+01]. blending [ZY04].
blind [CJS19, LLW+19a, ZatZ+17]. Block [HS19, BFK02, CLR19, LCP04, MHY+18, RP18, RMA+20, SHJR04, VF01, VF01, XGX20, YL+19, ZSW+18a, mM95, vM94]. block-preconditioned [VF01].
block-structured [BFK02]. Blockchain
[CLC+19, KBTT20, MJGW18, MRR+20, SP18b, SSSJ19a, WWZ+20, ABB+19a, Che18, CLS+19b, DLK19, FSY+19, FY19, FZC+20, HRC19, HSGY20, IFD+19, JLX+19, KOM+20, KS17h, KAK+20, KGS+19, LBJ+18, LML+19, LXL+19, MKS+19, MQN+19, RMC+18, SI19, SSL+19, Sko19, WLC+20, XLL+19b, YZL+19, ZWX+19, ZWGC19, MBB+20].
blockchain-aided [Sko19].
Blockchain-based [KBTT20, SSSJ19b, FSY+19, IFD+19, JLX+19, KOM+20, XLL+19b, YZL+19, ZWGC19].
blood [HORC04, QXZ+19, RAA+19].
blood-cooling [QXZ+19]. bloom [ZL13, ML17, SGB+18]. Blue [KBVH14].
blueprint [JYY+17]. bluff [SdSP04].
Board [Ano19b, Ano19c, Ano19d, BJP+18, JBP+18, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano90f, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano98c, 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, Ano15r, Ano15s, Ano15t, 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]. Board [Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano19a, Ano19c, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano20a, Ano20b, Ano20c, Ano20d]. Body [AS18a, FPPD14, ASO14, AKM18, CJ14, FP14, HLYW17, IASK14, SCS+18, SvAS01, SdSP04, THA+17].
body-sensor [ASO14]. BodyCloud
[FPPD14]. BOINC [FKBG10, VKK+14].
Boltzmann [ABL04, CM99, CH04, DS04b, AS18b, BS04, DS04b, Kni89, SK04].
Boosting [CPW19, GCBM17, KMM+15, MWYC12, PH94, LMCSE19, LMCSE20]. BOOTABLE
[HBK20]. booting [SPS+17]. bootstrap [DDJ+13]. bootstrapping [PGCML+19].
borne [SM18]. Boston [vdR87k]. Bot
[KMST19]. Bot-IoT [KMST19]. both
[FB93, ZAH+18]. Botnet
[CC19, ZWW18].
Bound
[GMST20, GMGT18, BMT12, JS89, VR16].
Boundary
[AS18b, BS04, DS04b, Kni89, SK04].
bounding [PYH+18]. bounds [LSG18].
Boussinesq [Tab06]. box [CCL19, CSG+18, VVB13b, ZSW+18a].
BPM [SJ+15]. BPMN [GHLW18].
BPSO [KP18]. brain [ABS+18, ASVF18, DSM+19, GRS+19, KZC04, MLSO01, SVFda20, WLZ+20].
brain-computer [ABS+18]. Branch [CGMT20, MGMT18, PGCC+10, BMT12, JS89, WZF+19, VD16].
Branch-and-Bound [CGMT20, MGMT18, JS89, VD16].
branches [LTOT07]. BRAVE [RBC+18].
breaches [NAM+19]. Breast 
[SYT+19, KI+19, WZH+19]. BRelax 
[SSG17]. bridge [SB16]. Bridging [Bha18, DHC+17, NJKF18, SG17, KH19, dCRL+19].
brighter [Miz89a]. brief [Miz89a]. Bringing
[ZZ05b]. Bro [KBDL18]. broadcast
[HZ10, WSG+18, WDZ19, XZP+19].
broadcasting
[KY04, LRZ+18, VS90, YY11]. Brockport
[Lit03]. Broker
[AWN+13, ABG02, BS11, FA11b, MSBA16, MGG+17, PKY+17, RGC+10, SAK+10].
brokerage [CCIP18, GPA00, OG18].
Brokered
[BBI7]. Brokering 
[ACCD17, CS12, ET08, TMMVL12].
Brownian
[GK18, vOB95]. browsers
[AAI+19]. browsing
[FGZ09, FD12]. BSP
[HS98, HLS006, HM98, McC96, RS98].
BTEM
[AZO+19]. bubble
[IOO04]. budget
[ABP16, CXL+17, WWT+16].
budget-deadline
[ABP16]. Buffer
[KD00, SCH+19, WWC+97]. Buffers
[YZ18, dSCD+19]. build
[BRXe11, LL03, RAdARP19]. Building
[BHI3, FKOCl1, HL+18, KTTK17, LF01, PWB+13, Ram95, RR18, SGP+09, SW06, YPF05, dVXB+11, ABMM18, EV98, FS07, GDRS04, GLSV07, HSS17, LRL+14, LCY19a, Niw89, PVHTP19, SH99, VM93, WYN+90, Kos95, Zsm86]. buildings
[CvdRA+20, PPS+18]. built [GZS14].
builtins
[CYB90]. Bulk [GGLD10, dRRdQGR+18, HWQ+20, GL05].
Bulk-Synchronous [dRRdQGR+18].
Bumper
[DR15]. Burst
[YZ118, KK10b, ZCS+16, dSCD+19].
bursty [GHMX10, TCBPR16]. Bus
[HHXL13, AB95, CCC19, Pan95a, PHL98, Shf92, UW92, Kat04]. bus-assisted
[CCC19]. bus-based
[AB95]. bushfire
[GAW+18]. Business
[AJY15b, ACC+16, BGRBA19, Cha14a, DDMPG17, E086, FG14, JC15, KF00, QC16, SJV+15, BBT19, CM01, Cha14b, CKR16, CYJ19, KYZ19, LCCM18, MCL+16, MVT+99, MVG+14, MAB+15, MCWP16, SGY+07, WBR19, WBR20, YNSM12, YJL+19, ZCX+18].
Business-driven
[FG14]. business-oriented
[YNSM12].
Butcher
[MKK03]. Byte
[LTOT07, ATT+20]. Byte-code
[LTOT07, ATT+20]. bytecode
[Ber00].
C
[vdR87a, vdR87d, DNW+19, AC01, BRS04, BEWZ10, CCHW03, LC04, MDT+18, NK07, WYN+90, ZY04].
C-oriented
[WYN+90]. CA
[SW02]. CaaSSET
[MZZ20]. Cache
[GS95, HM06, BSG+05, CXC+18, CWL20, DSS98, DZZ+15, HCCW17, HBCR01, Kun94, LTTL19, Lop93, MLV18b, PRS+13, Tao10, VBLS09, ZWL+16, ZCQ+16].
cached
[Yam92]. caches
[ADM06, TD95, YDT19]. Caching
[BBB+20, CXC+18, CdRRdCB19, GSP+17, HMA18b, LW18a, LSG+19, RHMG14, TGM+19a, WLP+20, WXW+17, ZAH+20, ZCLW18, ZLT+19].
CAD
[Dae95, LHY+19, TY85, TG04].
Calculating
[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, Ano88c, Ano88d, Ano88e, Ano88f, Ano88g, Ano88h, Ano88i, Ano88j].
calendaring [AHP98]. Calendar [Ano96c]. Calendar17 [Ano96c]. Calendar99 [Ano95d].
calendar-based [YSL19]. calendaring [AHP98]. Calendered [Ano95a]. Calibers [AHP98].
calibration [HLZ98, JCA99]. CALIFE [SLZ95]. caller [LML98]. calls [JRF97].
calm [SCH99]. CalmWPC [SCH99].
campus [GLD99a, MFG98]. can [BGV97, KR99]. canX [KRC99]. Canada [KMCH03].
cancerous [LJ99]. CANF [FJ98].
capable [PvSS99]. capacities [JLL99, Li99].
CAPTCHA [GPV99, RM99].
caption [DQX99]. capture [Ahn99].
cardiact [CAC99, DMM99, DNM99, KE99].
cardinality [LYY99]. cardiological [KKS99]. cardiomyopathy [DNW99].
caused [ADMG99, SG99].
categorizing [WLW99].
Category [LYZ99, GGLW99, ZH99].
cause [CPP99, DLW99, LWR99]. caused [MWH99].
CAVE [DDS99]. CaVeW [MV99]. caver [Hey99].
Cevity [WKF99]. cavers [DNJ99].
cavity [CAS99, LMH99, WVC99].
cDBN [Jun99]. CDN [LTT99].
celiac [KHO99]. cell
[BVDF00, DPK+19, EAA16, GL95, Pal01, SJTG07, SZO+20, YWG+19]. cell-vertex [GL95]. CellML [CAC+10]. CellML-based [CAC+10]. cells [BPP+07, YWG+19].

Cellular [Ban02a, BP02, BMS05, Ban02b, CM99, KCT99, Mur88, PIK02, TS99, TA18, BMPS01, Ban05, DRS+97, D899, DDL01, FLPP05, FW02, GZ04, HRSW99, JM02, Mar02, PSL+04, Pud01, Ser98, SKT02, ST99, TZD+19, TSPZ99, Wor99, CDRS05].

cemetery [MCA02]. CenLocShare [XCS+18].

Center [BMK+14a, SE19, uRBBC20, dMBPdc20, CYH04, GDS18, HDB18, KAEC+18, LN13, LWD+14, LGL+17, LGZY18, LW+13, MC20, Man15, MP17, MMDB20, NKP16, RWJ+20, SPT+18, VOS12, XDH+17, YPLZ17, YGYW19, ZGL19, ZWJ+18].

centered [ABZK15, AB19b, AP96, JNS+19, NRR+15].

centers [AD19, AAAQJ+18, APC+20, AK18b, BAB12, DKK+13, FNCR11, GS16b, GBE+12, GFV+18, Han03, HWQ+20, KKBBK19, LSYC18, LW+18, ODC19, Pon19, QMSG12, Qur19, RT15, RMRSA19, SLD+15, SLB+17, SLZ+18, TDC+14, VTTK17, WTR+13, WWQ+18, XGZ20, YZJ+20, ZHZ+16, ZXD+19, ZAC+18].

central [SGZ+19].

centrality [LG18, AdVAGF18, GJY18, LXM+18, MBM18, MCSA18]. centralized [XCS+18].

centre [Gal87, BT93]. centred [AMB03, LAS16].

Centres [CAB+18, WCH+18]. Centric [WSQ+18, APBd17, ACL+18, AT18a, AHM+18, BS17, DML20, DGR+15, DMM+18, DGD15, GZL16, GMC16, GMC18, HCK20a, JTS13, KYZ19, LKN+13, PIP18a, QGT+18, RLL+17, STS18, SZK18, SRKS18, TGM+19a, TGM+19b, XLL+14, ZW10].


certified [LH13b]. Cervical [GMH20].

CFD [LF95a, LZX16, OBG+18, SLZ95, WS05, YHJC05]. CG [KLP19], CG-E2S2 [KLP19]. CGLTXTouch [PDW+11].

CH [WLAC20]. chaff [KHMB13]. chain [ABMM18, AB19a, ABGMC19, BDA19, BDNP13, BBL+05, CLL18b, Che18, Dho20, HHXL13, JLQ18, LBJ+18, SL+18, YLL+19, ZSL+19a, FY19].

chain-generated [HHXL13]. chaining [SLY+19]. chains [JFDF09, JLMR00].

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

Challenge-response-based [KZA11].

Challenges [Ald89, CCR18, CDFW18, GS16a, GRL11, JC15, Jun17, KMU19, MWW+15, PWA+19, SJTG07, YS16, ZXD+20, USA19, AR17, ALK15, AC10, Ano84h, ALL+18, BHD09, CAC+10, CRSdS10, CCIP18, CSC18, CBBB+17, EGVT18, Eng14, FFC+18, FS97, FJKK17, Fre94, GFD14, HRC19, Hui89, KS18b, KAW12, KLH+18, Kol89, KARP14, KB09b, LGS+07, Men05, NS10, OFMZ18, PY18, PDH18, Pet89, RdLM06, Rho89, RLM18, SP18a, SGP18, TDC+16, WQ18, XGZ20, XGZ+18].

Chances [ALL+18]. Change [FEB+19, HKT+19, PWB+13, ZWX19].

changes [BBJ+06, BNJ16]. Changing [DMSS97]. channel

[ABS+18, AAQ+19, CWW+16, DS04b, DJH+19, GQXL18, SWW+13, SHL+19a, YZC+19, YN18, ZZXH20, SG05]. channels [AJZ+02, Du94, GHMX10, KKB+19, YL20].

Chaos [AIA+18a, XRP18]. Chaos-based [AIA+18a].

chaotic [Bro19, Gl07, KLM+16, LWK+18].

character [CSC+05, LJ19a, TJ18].

character-based [CSC+05].

Characteristics [WCWC19, XXY18,
EP13, FTK+14, FMV14, GGK20, GMH20, GLVC18, GOLL19, HZW19, HMA18b, JOSD19, KMK+19, KJ+19, lKBB11, Klo05, LSN+20, LXL+17, LLWN19, LXT+19, LAT+20, MLG13, MG14, MdhMNS+19, MHsl19, MCRB19, MZYA19, MRS+18a, NUPA19, ORPPG20, PRW14, RRKA19, RGHH18, RD14, RHH+19, SD18, TM20, TSRG17, VMCM+20, Wan20, XZZ+18, XLL20, YARH18]. classifications [Bag16, CWUS19]. classifier [KLV+18, ZSO+19]. classifiers [IdAP19, Ki19, WLW+18]. Classifying [BCMM18, DSM+19]. classroom [Kim18]. Clause [LY09a]. clean [MRL14]. clearance [KBTT20]. CLEM [CJN+15]. Clickstream [FFGP19]. Client [ZW10, BK19, CGL08, CSL18, DSD+11, JXL+19, KnRAK+18, MG14, PA01b]. Client-centric [ZW10]. client/server [BK19]. client/server [PA01b]. clients [LH13b]. cliff [SCH+19]. Cliffs [vdR87b]. Climate [FEB+19, BNJ16, FQBCF15, GP09, MLC18b, PWB+13, FNA12]. Climate-G [FNA12]. clinic [PPA99]. Clinical [WWP19, CPE+17, JNS+19, LDY+18, OcdAM07]. cloaking [NZL+15]. clock [AC92, FSY+19]. clone [SMR13]. Clonesspot [MH19]. CloReXPa [DLS14]. closed [HXY13]. closed-form [HXY13]. CLOSER [CCR18]. cloth [HX19]. clothing [HYN+18, YW+20]. Cloud [AJR+19, ASAB+18, AAS17, ADMG20, ABTA18, AAJ17, AM17, AKB+18a, ACCD17, AMPZ16, BB13, BDL+19, BdDPP16, BCJTT13, BYV+09, CLRL18, CHWW13, CRM+16, CDL+16, CDP+15, Cha14a, CKR16, CDFZ16, DMC+19, DXA14, FMN+17, FSV+19, FFB20, FFP+18, GAW+18, GJ15, GBRM18, GTCZG+18, GMP+17, HMH17, HMO+20, HMM18, HSBE19, Heli16, HM19, HXAx+17, HMA+18a, IASK14, JC15, JY15, JGB19, JTL+19, JTBS15, KKK+19, KIMR15, KLV+18, KVCY20, KJ18, LS+18, LSD+17, LOR+18, LJG18, MID16, MP17, MAB+15, MM18, Pali16, PN13, PLLA18, PDH18, DLS14, RA+18, SV16, SB19a, SST18, SGN+17, SS17, SE19, SZE18, SAPA17, SPKG18, TMW+17, TMV12, VLAC+13, WBKL16, XDWL15, YG18, YHL16, YWZ+18, YARH18, YAP16, YXA+16, ZAC+18, ABZK15, ABMC18, ANA16, ABDH19, AA18, ALTG19, AD19, ANG+19, AAAQ18, AFSH+18, AFSH+19]. cloud [AMQ+19, ABB+19a, AEK+18, ADA+19, ASO14, ALK15, AL18, AMGCC18, ABP18, AMMC18, AMK18, ATM+19, Anol2r, ACG+20, 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, BBNC18, Be16, BBT19, BPC+14, BT17, BGRB19, BB12, BDH14, BR10, CMX+16, CA15a, CVT19, CDG+14, CLZ18, CLAL19, CMX+20, CMIB17, CCI18, CTR+17, CDM18, CFG+19, CFC+20, Cha14b, CFL+15, CRW+16, CW16, CL18b, CM17, Che13b, CWSW14, CL+14, CAC+15, CXL+17, CL18, CCY+18, CXWT19, CWM+20, CCL+20, CW13a, CJ19, CGS18, CGL15, CPSRG14, CR14, CBL13, CSQ17, CD18, DC18b, DZZ+15, DJZ+15, DRC+19, DL19, DST14, DLI17, DMPP16, DEG+17, DQLW15, DHL18, DLL+19, DR18, DCC13, DWS12, DSPA18, DHC+17, DCMW17, DJ18, DSA18, EBOY14]. cloud [EAS+18, Er13, EP12, EM13]. EPB18, ECA+18, ETR+13, EA17, FH13, FHY15, FCY18, FLT+19, FLL+19, FLR+16, FSM+18a, FJL+16, FW19, FQBCF15, FLR13, FDP17, FEPC18, FPWG18, FKT14, FM17, FP13, Fri14. FCD+14, FSP+18, GEN20, GCTRRC16, GPJA+14, GVBG17, GEG14, GdCP19, GVB13, GJGB19, GJ13, GSL12, GAJP18, GS16b, GSKS20, GF+12, GCCL18, GB10, GTSAR+14, GPS13, GMP+18, GJKP18,
Cloud-Based
[HXA+17, AMPZ16, CPD+15, FPP+18,
GMP+17, LOR+18, YARH18, ASO14,
BDE17, CFL+15, CWM+20, DPMP16,
EPB18, FW19, GSR+19, GGC18, HJA+19,
HLYW17, HHK+16, KRD+19, KSC+19,
LCH+11, LSYC18, MK17, MYK16, MGC+15,
PC18a, PKY+17, TKA+18a, TYWZ18,
WZZ16, WJS+18, XKBA18, XTT18,
YMW+18, YN18, ZZXL18, PMDS18].

cloud-computing [ZLZ13],
cloud-connected [RHPV17],
cloud-distributed [AB16].
Cloud-Edge [FFB20, CFG+19, CFC+20, CXWT19,
DLL+19, XZW+19, XLL+19a].
Cloud-Edges [BDL+19].
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].
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].
CloudIntell [MAY18].
CloudLaunch [ALTG19].
cloudlet [ZGL+18].
cloudlets [GCT+20, Lok12].
CloudURB [SG14].

Clouds [GLNT13, GGA+17, KSF+13, LX13,
MG18, MAD+16, PMLVLS+13, SPdRS+17,
SDZ+20, WRK+15, APAZ17, AMQS+19,
AS19b, AMGCC18, AK14, ABN19, ASB18,
AEME+18, BL15, CLR17, CVTB12,
CGBAP18, CKR16, CB16, dCCDFd015,
CRTN17, DT16, FWB13a, GCBM17,
GGSZ09, GZQQ13, HZZ+14, HBN+13,
HFT16, IHK+18, KaRAk+18, KH18a,
KFK19, LZ10, LLC+14b, LMZ+14, LGY+16,
LLZ+18a, LLZ+19, LLW+12b, LPV+16,
LSHW17, LWZ18, LPD+13, LYW+16, LL16,
LSMVML13, MJM+16, MJDN15, MGV+18,
MGG+17, MDD15, MG10, OG18, PFRC16,
PS19, QTG+18, RMVG+10, RMCD12,
RCTY19, STMV18, SEMJ11, SSL13,
SBA+17, SJV12, SN19, TZST14, TLSC17,
TdPF+17, TVB18, TSB18, TCM+16,
UDST19, VVB13a, VHML11, VCKB12,
WH3+18, WWZ+19, WR13, WLH+19,
XMS15, XJWW15, YLJ18, YGW+20,
ZCY19, ZQB+18, ZT19, ZB19, dCTVC18,
dOOO+13, AEN13, ATX13, CVKB12,
WLML17, MYM+17].

CloudSME
[TKA+18a].
CloudSNAP [MGLPPJ13].
CloudStore [LSB+18].
CloudWave [SNP19].
Cloudy [BFN18].
CloudFlows [KOP+17].
cloud [TDL20].
Cluster [BB13, BJCO2, CWJ16, DT08, KV17, OSHH96,
WX02, Aba06b, ACML05, BL98, BarMB14,
BYL+18, CDG+14, Cho04, DZ04, DVVD02,
EMHE18, Fra08, GS05, GCV+14, Go02,
H002, HLL+17, JAA09, KZ17, LSLS05,
LZWX13, LJ12, LHPC+19, LKT14,
MN12, MFG+14, MM03, GMLV04, NS102,
RB1+13, RG04, STH+98, SVM01, SMA08,
STC5, SMS14b, SBP+17, TM19, VSM02,
WKC+13, WHW16, WJZ+17, YJA03,
YLHJ14, YYW+19, ZJWZ04, dACAM13].
cluster-based [BARMB14, LZWX13].
Cluster-group [CWJ16].

cluster/datacenter [LKT14].
Clustered [BHH+93, PSL+04, PRC+14, SCY+18,
GK18].
ClusterGrids [KKJ10].

Clustering [FJ18, GAT+20, GBY16, HO17,
LJ17a, LHJC18, Mic97, PC18a, SAH19,
TF18, ZWHC17, BK16, BC16, Bu18, CJ14,
CdSDS15, CSP13, DNV+19, DB09, EP13,
FGM11, FT07, GEN20, GJPSC17, GNG17,
IM+20, KCK04, hKBB11, KP18, LBLY08,
LZZ19, LYS+19, LX19, LRM19, LXZG12,
LZA+20, LSV+18, NK17, RCM17, SV16,
STP+05, TTC+14, WCL+17b, WTG+19,
XZZ+14, ZM97].

Clustering-based
[LL17a, LRMS19].

Clusters
[MG10, PBM95, AHEM17, ADAAD12,
ALM+10, BJF+20, BC15, BBSV92, BL13, BL02, BPC+01, BTM10, CRM+16, CRE01, CP17, CsdCM+17, CBACA15, CG02, CKFJ06, CEGL01, ELv+96, FQBCF15, Fer96, GCBM17, Gos00, GVD+03, HZdLZ20, JBP+18, KSS11, LP01, LLZ+18a, MJM+16, MTKS00, MLS001, OB04, PK11, PCG+06, PL96, RK20, RHM08, RT06, RGDML16, SVC+07, STTK03, SD03, SK12, TC06, VVB11, XDHL12, YIA17, ZGB+17, ZBTC17, ZTD+18, SZGbC04. cluttering


Coarse [VRE88, VF01, SJ18, TTK+14, VRE89]. Coarse-Grain [VRE88, VRE89].

coarse-grained [TTK+14]. CoCaMAAL [FTK14]. CoCoA [JSR+19]. CoConut [REU03a]. CoConut/J [REU03a]. Code [ASRA+19, ATT+20, BP01, BST+04, BGS+19, DR05, DMN+05, GSK05, GL95, HD016, HCL+17, JILC03, JLS19, LTO+07, LLC14a, LLZ07, LN94, OBG+18, PSK+10, RBS93, SJ14, SLZ95, TLL+19, WMJW18, vW19]. codecs [EBCP18]. coded [BWX20, LLWN04, PWXM17, XWM18].

Codes [SVASO1, BBW08, BVDF00, DAL03, GIM16, LPB04, LRW01, Niw89].

coding [CJXX19, CCM98, DOH00, HJK+04, LDX19, LSA11, LYS12, SMC99]. coefficient [QMCX19, SLD+18, ZWZ19]. coefficients [TAB06]. coevolution [LD17].

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

Cognitive [AT19b, GWW+19, MK19a, WLP+20, ASAA18, AS18b, BK+18, BKK+14b, CLH+18, CHE18, CGM+19, CMLZ19, GOLL19, HMW+19, HQ07, LLW+19c, LLW+19d, NDZ+18a, NDZ+18b, NDZ+19, STB+19, TSD+18, WLL+19a, WLZ+19, XZ+19, ZFY+18, ZTC20, GTEL+18].


Collaboration [ASW11, DPDS14, GFD14, AKBAL+19, BJM+17, BAPS14, BP10, HKU+11, HLL+11, HYS17, HYS18, JHL+06, KKBK19, LZM+18, LLS+19, LSW+19, OPT+17, PPS+19, PO+16, RMA+16, SS04, SKF+11, SLDK03, UNM+16, WLP+20, WTP+13, YLJ+17].

Collaborations [GDZ+19, TAB+18, EYY19]. Collaborative [BGJ+06, BDE+16, BLAV06, BDD+19, FGW+19, HGM15, HAM18, LTTL19, LZY+19b, OMK+19, PLLP19, PVGD+19, SLP00, TWC+06, WWTF18, WLY+18, AM19b, BrX011, BDCC19, BPS+03, BDM011, CFM19, CPE+17, CSL17, CSL19, CMP+17, CWL+20, CNP+19, CPLH19, DMPP16, DFRW17, DV13, DPHS16, DLL+19, DWZ20, DFKF18, FLR+16, FdAGdAFV19, GMD19, GMP+16, GP09, HB109, HAB+06, IGB+14, KZA+18, KPB+03, KKB18, KIAD17, KWK16, LPC+05, LCL+16, LCW+18, LTMMW19, QLX10, LSG+07, LHCC18, LHY+19, MZH+17, ML11, MGV18, MOB18, MQL+19, MED16, NRR+15, PS010, PDW+11, RW18, RJH+09, RRH16, SHBP10, SCN01, Si12, SCL14, SLW01, TQL+19, VGBLGS+06, VWD+08, WCVL12, WLB11,
YLC⁺06, ZL13, ZCZ⁺18, ZWYH19, ZRZ⁺14, ZL04b, ZBF14, dIFVPSHL⁺14, FG13].
collaboratively [GZS14].
collaboratively-built [GZS14].
Collaboratory [BAD⁺05, LRJ⁺06, LJPS05, SGP⁺09, SBdL09, KFP⁺02].
collapsed [KWB19].
collapses [KMC18].
collating [AB18].
collect [LLG⁺20].
collection [DGCCH⁺17, HMM18, HYC⁺18, KC19a, LIW⁺19d, PPS⁺18, TSTL16, WZL⁺20, WLAC20].
collection-processing [PPS⁺18].
collections [AFP07, GB99, YDK11].
Collective [Jun17, CFGFM16, JM02, NSI02, SSST17, Szu98, Szu01].
Collision [HAA⁺20, CMZ⁺18, NLS19].
collusion [LXJD18].
collusive [ZZH⁺18].
Colonies [TRFR01].
colonoscopy [MSR98].
Colony [PW09, PT16, TA18, CML⁺18b, DS04c, FZHH14, HXWW18, HZL18, SMS⁺19, SH19, TV16, WZ13, XLW⁺17, ZHQL18].
Colony-based [TA18].
color [Bro19, DNW⁺19, GPV⁺14, HX19, MSM⁺18b, RM16, XJZ⁺19].
Colorectal [KMB⁺17].
coloured [DC19].
coloured [AEM10].
Columbus [Gra92].
Column [GVA⁺16].
COMA [SWCL95].
Combination [CWJD19, LLW⁺18a, SLY⁺19, WQZ19, WL05, XRPT18].
combination [CWW⁺16].
combinator [WGL02].
Combinatorial [HMH17, Sch03].
Combine [LL03, SDST18].
combined [HJK⁺04, SMBMT⁺18, WLZ⁺20, ZS05b].
combiner [MLC18b].
Combining [AS19a, AGBR19, CPGBC16, CFGFM16, Che13a, DMC⁺19, LC01, MK19b, MWPVB12, OCW14, FZHH14, GY90, GA19, SK12, WWZC19].
CoMD [PAL⁺19].
CoMe4ACloud [ASAB⁺18].
COMFIT [dFBP⁺17].
comfort [FHHM19, Mat18].
comfortability [WPS⁺18].
command [KTY03].
Comments [WC06b, WC06a, CXZC18].
commerce [ABCD00, AS99, KF00, ZL18].
commercial [ABN19, CB16, DQC⁺19, Mar86, SMM⁺14, TKA⁺18a].
commitment [KKL09b].
Commodity [JBP⁺18, GVD⁺03, KDHP16, LKTC14, RWJ⁺20, SVB07, WTC⁺02].
Common [GAB⁺14, CCL19, CZ14, DLW07, FB93, HZX⁺19].
commons [BFN18].
communicating [MZD⁺16].
Communication [ADALZ14, CSP98, DKV14, DHS99, Kal94, TD07, AK19, ADMK06, AAQ⁺19, AKG⁺17, Bag11, BCFS02, BWR12, BTM10, CST92, CDDR17, DSBC19, DP03, DT94, DdM10, EAA16, GQXL18, GXL⁺12, GZLZ16, GVGB17, GS95, GBY16, GD93b, HAAWH⁺18, HO02, HML⁺06, HJK⁺04, JA07, KH19, KMU19, LR06, LX19, LWW⁺16, LYY⁺20b, MCN⁺18, MD92b, MTK05, MWCK19, MRV01, MWL⁺18b, MCG⁺15, Pap99, PR5, PSK⁺10, PPAK99, QMEX19, RPA⁺18, RHPV17, SRZD15, SAH19, SLS⁺19, SCCE18, SAMS19, URKM19, UPPP17, VSMS19, VCDK18, VV16, WC01, WPNG⁺18, WTC⁺02, ZD07].
Communication-efficient [TD07].
communication-layer [WPNG⁺18].
communication/networking [GXL⁺12].
Communications [DVV00, EY19, AMN18, CFVP12, CYH04, GZL⁺18, GSC⁺19, HSC15, HCHH19, MHY⁺18, QGX18, RDML16, SAGGB17, Ste94, WQ14, WZC18, WXG⁺19, XHW19, YXZ18a, YY⁺19, ZZ19, dSB19, SH06].
communities [BOHCM17, DMPP16, FK11, HSB⁺18, PRSR14, RSDS02, Var00].
Community [aCKPM19, Car86, GDZ⁺19, LBB⁺09, RMA⁺18, AJA⁺20, BFN18, BR19, BPLFRL20, CWL⁺18, CWJD19, CGL⁺10, FPPD14, FLN⁺18, GP09, GHJ⁺19, GG10, HZ19, HBN⁺13, LFL⁺17, LJ18, LLZ⁺18a, MLC⁺20, Mar99a, PPH⁺09, SDD18, SBG⁺09, SEHS19, SGB19, SZG⁺19, SJL⁺18, YMLT13, ZDL⁺13, ZCL⁺19, ZL18].
Community-Aware
[CRM+18, HZ19, HBN+13].
community-based [YMLT13].
community-driven [SBG+09].
Commutator [CMO03].
Commutator-free [CMO03]. companies [STMV18].
Comparative [CA15a, TAHS14, Bal92, BMU18, CDMR19, DNV+19, GRX+19, KDE04, OjOD+13, OP97, RHH+19, SK06, ZM97, ZN12].
compare [CW16]. Comparing [HHS+18, KGX95, PFS+13]. Comparison [CHS+18, MFG+14, MOFGP18, PRF20, VSwD95, BNFZ08, CCG07, CRWZ19, GLJ19, JS13, KBVH14, KS17b, STP+05, SI18, ZTKF17].
compatibility [SSB05]. compatible [DMMP98, GA13, HDLW13, SOM+19].
compensation [LZLL18a, LZWF19, YXY18]. competency [KRZ12].
Competent [DD86].
Competition [GPVN19, JLQ18, LLS+19, SIL+13].
Competitive [AGKZ18, LL04c, PS10, SSL12, WPJ16].
competitors [Ano84h]. Compilation [BM00].
compiler [CMT01, DSS98, GMB19, LJS17, LY90a, Port95, SO98].
compiler-based [LY90a].
compiler-controlled [DS98]. compilers [EGCY+06]. compiling [SZ90].
complementary [PRS12]. complementing [RS16]. Complete
[CC07, BP13, KJ18, MCQ+07, MSM+13].
Completely [GMM18]. completion
[CND+19, CDS03, LZ10]. Complex
[BK98, BCD+18, CCMGF18, CCR18, CCKW88, HCB16, LJ17a, SdR99, WH05, AB01, BKB11, Bal16, BJWZ08, BWR12, BW13, CSC18, DS09, FGCM07, Fer13, Fre94, FPP+18, GRZ+19, GY18, HAAH05, HSB+18, JSS+19, KAP19, MB01, Mei05, MS018, PKI+18, RWY+18, SW17, SJTG07, Sun10, SJJ+18, WSZH18, WMC19, XSM04, ZYTC15, ZSP17].
COMPLEXIS [CCRL18].
Complexity [GMM18, AMC19, ABP16, GVURIVBV14, TWW+18, ZZF+19]. Compliance
[SS17, HHL11, LCCM18, Niw89].
Community-based [SS17]. compliant
[LLCF11, SYT09]. complicated [LHC03].
Component
[BR18, SAPA17, AAC04, ACPI19, BKSS02, Fio06, GW01, HIA18a, Lee04, LKG07, LASL16, LTZ15, MZYA19, Par06, PSS01, PSBB15, Reu03a, SVN10b, Tak05].
Component-based [SAPA17, ACPI19, BKSS02, LKG07, Par06, PSBB15].
Component-oriented [BR18, Tak05].
components [CY88, DD05, KSS11, Kom89b, LRW01, PA01a, WSTW87].
Composable [LFP+17, OÉ13]. composer
[BGK+05]. Composing
[AMM+19b, RBC+15, Kom89b, PADD03].
Composite
[AM17, Lin18, ATF11, BRMN04, MBA19, OCW14, WCC+09, ZMS+06]. Compositing
[WMQ+19, NOF18].
Composition
[JGB19, SZW+19, AdI14, ACCM19, BML18, FTD17, GMM18, GJGB19, GBA+09, JGBF18, LPMY18, LJ17b, LWS+12, LO19, PKB19, SJ18, SDC11, TSOB15, TSTD16, UGBM+17, WPY19, WZ13, XMS15, XWW19, XLW+17, XCZ+19, YKL+07, YWLL19, ZGY20, ZZ09, ZZLH18, LKA+19].
compositional [dSMAdR+17, VR05].
Compositionality [DB90]. compositions
[BYH+20, Lok12]. Comprehensive
[GHJ+19, Tao10, ZGL19, HHK+16, LDJL19, NJKH13]. compress [NS17a]. Compressed
[ML14, ML17, BD18]. Compressible
[KN06, Ano69b, LF95b, RZDM01, WWP19].
compressing [JDW+14]. Compression
[GLS99, AMBC19, CCD+19, CPD+15, DHW+17, DQ97, Dho20, HSP+13, IASK14, KCK04, KK+99, OSC14, SMC99, SMS16, YZWG18, YK20]. compressive [GSY+17].
Compromise [CLK11, NAAC19].
Compromised [SSA+19]. CompSci07 [AC10]. Compulsory [QRW+18]. Comput [AB19a, BFS+17a, Cha14b, HYS18, KSM+07a, MR04b, NDZ+18a, NDZ+19].

Computation [Ban05, CASW05, DE03, Fre94, AAC04, AHW+19, Amo06, Bal16, BCFS02, BDHK06, BWG19, CAPG18, CWJ+18b, DEL19, DT94, EZTL19, EHT10, EL98, GLC19, GEAR13, GPA+94, HWS07, HHSW92, HKHI8, HLT+19, KLGY18, LJQ+19, LLJ+11, LML+16, LDCZ20, LSAM13, MCT+09, MWL+20, PB18, SD02, STC15, SLO+05b, VV16, WMK16, WLXZ18, XLL+19a, XXQ+19a, YDT19, dRTK92].

computation-driven [LJC+19].

computational [AC10, ABMS05, Bis96, Bro92, BDS+10, Bun03, CH04, IDM+20, Joh02, Jun17, MCSS00, MGYC06, MVAG89, MR04a, MR03b, MvL19, RGI+01, SA19, TS99, Tan02a, VmW97, XA10, ABG02, AAB+07, Ald89, ABF+03, BM12, BKM03, BFR05, BLB03, BL15, CM99, CBBC+17, CH95, CGJ+10, CRK+04, DVB14, DLS+12, DT08, EGK+07, FGG03, FvLTT98, GKT15, GSN+18, GPS+17, Han03, Hua10, Hul89, IAL10, Joh89, JNPY06, KH13, Ko89, KX11, KK+14, LL04c, LW08, Lit03, LLJP05, LAH10, Lop03, MF13, MDD89, Mes05, MHA08, MvL19, NSHP88, NP03, OK02, PIK02, Rho89, RM11, SPdSR+17, SMK05, SSST17, SHJR04, SSL12, SL97, SGH+08, SK17, SDF+19, SR18, TMT+07, TBK+10, TV08, VDPS09, WSC+19, WFC07, WL05, Wie03, Wil89, WCKW10, WSL0, YD05, ZDDM+18, ZCW+04, CCHW03, GMB+05, KFP+02].

Computationally [VCD+18, DST10, Pet95].

Computations [VV92, AQB15, BBSV92, BB+06, BST+08, HCW+18, KL02, LF95a, SK12, SK19, Sz98].

Compute [GSZ09, BGR+99, SBLT05].

Computer [AKW90a, Ano86i, CT09, CD99, DPDS14, Ig04a, Ig07, JO11, K189, NHG03, Slo06a, Slo06b, Sti93, Zin00, vdR93b, Ais88, ADAAD12, ABS+18, AKW90b, BJB+20, Bhu95, BLB03, BDT+10, Bur02, CAC+10, CSRdS10, CEJK94, Dal03, DRNM09, Frr92, GML+17, Her87, HXL90, JBP+18, Kal94, Kas85, KdGP+19, KB92, LC01, Lin84, LWW+13, LSF+94, MJ00, MGA+18, NSSA+14, PO00, PPS+19, Pri95, Pud87, SEH99, SL07, SBLT05, SL+20, Tak98b, TDL05, WY19, WC91, Zad87, ZGCM00, vM94, vdR93a, dRSBH94].

computer-assisted [BDS+10].

computer-integrated [WG91].

Computerized [KKP+05].

Computers [GMM18, Her84, Ano86i, CST92, CS93, DRNMC09, DD86, Omo91, OP97, Pad92, RN01, ST99, vdR86b].

Computing [AR17, ADALZ14, AT02, APS+19, ABP18, Ama88, Ama89, ABK+18a, BB13, BCG+19, CMA11, CDF+05, CPF+19, DXA14, FSV+19, FVFA98, FBS18, Gen95, Hel16, HB08, HY03, JHJ19, Kow85, KFBD14, Lid99, LWW+13, MGR11, Mes02, OFM18, OSHH96, Pali16, PN13, PYZ16, SG95, SAPA17, SG14, SPK18, WRR+15, WZM+18, WSN+01, WSB+15, Wli00, Wri19, WXGM18, XDFL15, YHL16, YWZ+18, AvLR92, AZH18, Aba06b, Aba09, AHS+18, ABMC18, ANA16, AJY15a, ABG02, AGC02, ACC+05a, ABS11, AB01, AMD08, ASW11, AN+19, AMH04, ADL12, AkBA+19, ADA+19, AFF+09, ALK15, AL18, AMGCC8, AG05, ARB12, Ano90g, AGC+20, AB03, ADB018, AMS19, BGL08, BJ12, BBW+18, BAV16, BMU16, BL98, BBG+05, BS+17a, BFS+17b, BBC+99, BYL+18, BKG05, BAB12, BR92, BOP+14, BDZ13, BKY18].

computing [Bis94, BT17, BcDP16, BCP18, BKB18b, BB12, BDO11, BCM+95, BJ02, BYV+09, BR10, BRHH18, BCM+07, CMZ+12, CPJ13, CLRL18, CHWW13, CGCB+12, CIA15a, CLCMG+18, CPGdS+13,
CLZ18, CGT07, CTF+99, CTR+17, CWD±08, CDDR17, CMT16, CGH04, CC11, CKR16, CLL18b, CWJ16, CXL+17, CLH+18, CCY+18, CXCL19, CWM±15, CWL20, CW13b, CLCY18, CGSJ18, CC09, CGM±19, CNP±19, CTM06, CCCT14, CF20, CBLS13, CFGG39, CSP13, CWLZ19, CS09, Cuz14, DMC±19, DQC+15, DH02, DST14, DLR+09, DDD18, DVVD02, DSD±11, DL03, DR5+97, DKD08, DDM±08, DR89, DSS07, DT08, DDB14, DWS12, DHC±17, DCMW17, EZTL19, EAS±18, ESFD06, EW07, EMJ±13, ESPP01, EA17, FLL±19, FLR13, FRB±14, Sou91, FP14, FP13, GHY±18, GVBG17, GVB13, GAW±18, GJS±94, GJJ13, GS05, GDJ±13, GJ15, GI94, GL95, GCL18]. computing [Gos00, GB10, GMP±18, GRX19, GCZ±19, GAB±96, GZWQ13, GNW05, GTMZ17, Hab05, HFM19, HSM13, HAP11, HDC±94, HCZW17, HB19, HKPT10, Her91, HMLZ18, HMA18b, HZDS19, HNO±18, HMW±19, HZ10, HYS17, HY±18, HXC±18, HLT±19, HMP04, HC92, HKP01, IT05, IFD±19, IT20, JSK±06, JAA07, JAA09, JCA±19, JSM18, JNPY06, JM01, JEB18, KNI±18, KMB±17, Kar01, KANS18, KZ17, KKKM13, KB18, KAI±19, KMI11, KAW12, KBM±02, Kin07b, hKcE09, KMJ18, KP19, KLH±18, KACN16, KG±19, KV09, KJ12, KH18b, KB09a, Kos95, KMM±15, Kow84, KGLY18, KGO±20, KJ18, Lau01, LSLS05, LWHC07, LSB±18, Len16, LPK17, LPK18, LXD17, LXJD18, LYM09, LS10, LLW±12a, LCHW14, LXK±14, LFP±17, LLH±17, LZS18, LW18a, Li18, LTL19, LYF220, LIW±19c, LOJ±07, LCLL15, LC15, LXMW15, LH±18, LDSH95, LW08, LZYC13, LYL15, LHL15, LPL±16, LDY±18, LZZL18b, LZL±18b]. computing [LPBB±18, LSJ±14, LGL±20, LLSR02, LLH07, LYY±19, LCY±19b, MWW±15, MLC±18a, Mal01, Mal02, Mal05, MDA±19, MS19, MI01, MKHI3, MEBA12, MK19b, MGMT18, MMC±18, MRH17, MPR±16, MWL±20, MSS±16, MLSF16, MSE19, MGA±19, NSS99, NPH19, NRV±17, NCCS99, NSSA±14, OdI14, ODK±17, OB17, OF07, Ob07, OS01, PZAI8, Pal13, PsASM18, PWY03, PRL±19, PMMAM13, PGTB18, PMCC18, PSY±19, DLMS15, PP06, PPB16, PZY17, PPL17, PS13, QRL±18, RGN±18, RGAT18, RC13, RML±19, RBN13, Rao17, RR18, Ray05, RBS93, RLM18, SB14, SH99, Sar02, STH±98, SPJ17, SBB±10, SSSJ19a, SJQ20, Shi04, SA19, SCAC±19, SG13, SSZ±13, SSF±09, SM±14, SBD±18, SLS±09, SYK±17, SJV12, SD07, SK19, Ste94, SRCR07, SG15, SBA±05, SZG6C04, SHLB08, SP17, SLL±18, SGL±19, Sun92, TCL±15, TZLL18, TGM±19a, TKT±08]. computing [TKTG19, TJTL00, Tuls±19, TGM±19b, TBB±20, Tur18, VNN19M9, VVC±12, VAR14, VB18, VPT±15, VCL±19, VSD±13, WH05, WTK±07, WZC±08, WTR±13, WWCN13, WQ14, WWC14, WWR16, WCL±17a, WWDF18, Wam18a, WMY±18, WXZ±18a, WLL±19a, WLP±20, WLD±20, WDKV19, Wit94, WXXL11, WZCH17, WHY±17, WMJW18, WLLH18, WPS±18, WHZ19, XKK20, XZ11, XX14, XZP±19, XL±19a, XTZ±19, XQ±19, YFY±13, YJS18, YJLC20, YSHM19, Yat88, YW12, YVBC10, YCH19, YY11, YGYW16, YCX±18, YAX±18, ZAA±14, ZMS±06, ZGZ±10, ZLZ13, ZZH±16, ZWHC17, ZBCT17, ZTKT17, ZCX±18, ZCL±18, ZXXZ18, ZZ18, ZY+19, ZSL±19a, ZLY±19, ZSH12, ZZZ17, ZCW19, ZL12, ZEO01, ZSW±18b, dSGD13, dACM13, DRGC±19, vKvW±13, vdR87e, vdV89b, AHI11, CC11, CF09, LLAH13, MGR11, SR03, SGN±17, YX±18]. computing-based [SJJ02]. computing-enabled [LW18a, XXQ±19]. concatenation [HRJ±06]. concentration [KAS±18]. Concept [HLV±16, WZL18, GGM±09, HXC±18, IdAP19, KI19, KWB19,
LL03, TSRG17, TG04, WAE06, ZDW+18.
Concepts [OFMZ18, PSS01, TAB+18, Ano86i, DSSU97, TBK06, ANN+92].
Conceptual
[FdSC07]. Concurrency
[TG07, Vin16, JK92]. Concurrent [BS91a, CHS+18, HZdLZ20, SZW+19, AB17, AB18c, BP01, BS92, CLP95, EL98, GGS13, LM90a, RBj+13, RGDML16, RM11, Sm92, dB90].
Conditional [JCP+20, MACc17, BDCC19, CLM+14a, HYF18, IOV+18, LY18b, TA19].
conditions [DS04b, KDE04, MLGGB+17, MSE19, YZC+19]. Condor
[Pl96]. Condors
[Elv96]. Conference
[Ano84e, CC11, CF09, Ano86j, BGL08, Kaa98, KZ17, Rho89]. conferences [Ano94e, Ano96a, Ano96b]. confidence [DCC13]. confidence-based [DCC13]. Confidentiality [GSR+19]. Configurable
[CBT+19, Dör05, JNPY06, XWRZ19]. Configuration
[PA01a, BORM07, CLAL19, CFMC19, DDD+19, DvDHLO6, GGTRRC16, LMZ+14, MD92a, MBS13, PK1+18]. configurations [CMVA18]. configure [KPM+18]. Configuring [ByL+18]. confirming [Niw89]. conflict [WCh+18]. conflict-aware [WCh+18]. conflicts [DR15]. Confluence [SiGS18]. Congestion
[CCW+20a, Ciu10b, HDB18, MBM18, NLLC19, SSK+19, KXS+16, LTN10, LGF+19, LAQ+19, MWPVB12, RJS+19]. Congestion-aware [MBM18]. congestion-free [LGP+19]. Conjugate [Cro95]. Conjecture
[HZL+19, XTZ+19, YQZ+19]. Connected [BRH18, HAJ+19, XXQ+19, KMU19, LYC18, NLLC19, PECA19, RHPV17, UWV92]. Connection [BS91a, BS92, DFSZ88, BB85, CH95, Por95]. connections [LPE08, Shi92]. Connectivity [AC18, BRR+04, JM02, LY18b, UM02, VOS12]. connectivity-preserving [UM02]. Connector [EGK+07]. Connex [JCA+19]. conquer [KTB18]. Conqueror [KTB18]. Conscious [ZA14]. Consensus
[ADMG20, GSD95, KLP19, GNVST14, HKS18, LLKF09, OB04, Sip12, TSWL17, ZW10]. Consistency-guaranteed [KLP19]. consistent [LGP+19, PY00, ZSP17]. Consisting [Shi92]. consolidated [SS13, ZFW14, ZLL+16]. consolidation [ADBO18, CFF14, FCN11, HM17, HZZ+14, HH19, IDM+16, JFZL17, KCV11, LYY17, LYY+18, LWL+18, LY+20a, Man15, MP17, RT15, SSSJ19a, TDSH16, WCC+16, WLA18a]. consolidation-aware [WCC+16]. Consortium [HDLH19, SJD+20]. constant [KHJ10]. CONStanza [PDD10]. constitute [TDL+20]. constrain [GWW+19]. constrained [APAZ17, ANE13, ABP+16, AB17, ABN17, AB18c, CXL+17, CLM14b, DD05, DSCJ18, HY09, HQW+20, KCK16, MJDN15, MRN19, NK15, PFMOC4, PCK19, RPH19, SSL12, SGJ18, TWDLZ19, TLL+11, VVB13a, Ven09, ZYB+18, ZT19]. Constraint
[LPMY18, SSG17, DQLW15, FCY18, GPS13, Hal88, KLP19, LYYY18, TSTD16, WLP10, XJY+18]. constraint-based [DKFKF18, FCY18, GPS13, Hal88, LYYY18, TSTD16, WLP10, XJY+18]. Constraints
[CSL18, FX07, GQLX18, HZC+08, HZdLZ20, KAK20, Li18, LLZ+19, LD17, LYT+05, LPL+16, LTZ15, NP03, SZK16, SL87, TSB18, WTM+17, WZWC18]. Construct
[HPZL18]. Construing [CFL+18, STB+19, ZZL+10, GNGG17, HQ10, NJ19].
Construction [KMZJ16, BJWZ08, CPB00, CPLH19, DPS16, LW19, LZW+20, LLS+14, LWXY19, PRN14, SSRQ19, TWZP18, TM05, YJA03, YPHZ14]. consume [DML20]. Consumer [AAC+19, GMCM16, GMCM18, FFC12, HMA18b, SSRQ19, TWZP18, TM05, YJA03, YPHZ14].

Consumer-centric [GMCM16, GMCM18].

Consumer-facing [AAC+19].

Contact [CTU19, Ned06].

Container [LYH+19, CMG+19, HZdLZ20, KS17b, LGMV02, MG19, PMCC18, ZTL+19].

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

containerized [AS19b, GCTLA+19].

containers [BGRBA19, DSS19, DL19, MK19b, MEW+19, SF19].

contaminant [RS99].

contamination [ST98].

content-based [EGAQ09, FLT17, OCdAM07, QP08, SMA08, SYT09, WLA17a, XFJ+19, XWL+19, YZZC19, ZAH+20, Zin00].

Content-based [EGAQ09, FLT17, OCdAM07, QP08, SMA08, SYT09, WLA17a, XFJ+19, XWL+19, YZZC19, ZAH+20, Zin00].

content-defined [WLA17a].

content-defined-chunking [XFJ+19].

Contention [BS09, KIMR15, CNR19, DLXR14].

Contention-Aware [KIMR15].

Contestation [KIMR15].

Contributions [Ser95, ALFR16].

Control [AMSP19, ABF93, BT93, BL92, CDF+18, CDL+16, KESL17, YLWW+18, AHP16, ATT96, AR98, AMHJ10, BR18, BKM03, BX04, Che13a, CYZK15, CZM+18, CZZ+18, HNY+19, LSW+19, SMT19, YLLH+19, ZLT+19].
cooler [Len16, MMDB20, QXZ+19].
cooperating [CWD04, Reh06].
Cooperation [Nar86, BDP11a, FMN+17, JFDF09, Smi86, XDLH12, CKK+04].
cooperation-oriented [XDLH12].
Cooperative [EA13, FMR05, GP09, HAA+20, HDH+18, HMC06, JO11, Nag86a, PP07, PMF11, RRB10, SYJA19, Waa84, ABDH19, CZY+18, CBK+01, DPL14, Fal+19, FTH16, HYRZ20, LJJ1b, LD17, LWZ+19b, Mer13, PPS+19, PLP+19, PNZ14, RHB08, YC13, Zhu18, ZL04a].
Coordinated [FX07, BCH+08, CVRZ15, ZXD+19].
coordinates [HHZ16].
Coordinating [GDR+14].
Coordination [THN+06, YZZC19, FTP14, MSBA16, PA01a, Pap05, Pro07, WKT00].
Coordinator [CTVB12].
Coordinators [WLL+19b].
cope [ZCS+16].
Copernicus [PPLL17].
copies [Dup90].
copilots [PWP+18].
Coprocessor [SK97].
copy [DS00, LXRS19, ZTKX19].
copy-on-write [LXRS19].
coral-reefs [FEPC18].
coral-reefs [FEPC18].
CORBA [Lan00, LRW01, LDS06, LLSR02, RSH+00].
CORBA-based [LLSR02].
Core [HT02, TAB+18, CKJF06, EDH+13, HAF+16, HYZS16, JLY+18, KYPJ20, LQW+20, LC14, LLG+16, LG16b, MWYC12, MAC14, MCM+18, MBM18, MGMT18, MCF+11, MMR17, PZPP16, PLL+18, PLZ18, PK11, PRC+14, QZM+18, RS17b, SK18, VD16, WJZ+17, WWZC19, WSH+16, YM13, YLJ+17, YZ12, YDT19, ZAB15, ZLG+14, ZHZQ18, VK17].
core-shutdown [WWZC19].
CoreFlow [KBdLG18].
cores [Eng14, HLZ18].
corner [HTL+18].
corpora [LZL+20].
correct [GPA96, JMA19, Pro07].
correctness [MD92b].
Correlation [FAA+18, GJJY18, HZZ+19, GHP+18, LA19, YL18, YGY+19].
correlations [LD17, dFPFG19].
LXMW15, LW+16, ZN12]. cross-layered
[SSG19]. Cross-Mapping [MFT+17].
Cross-platform [ZZBP19, QZD+18].
cross-stream [LSD11]. crossed
[CFL+18, GL04a]. crowd
[AMPZ16, CFGM16, CFM19, CWW+13,
KAS+18, SOM+19, VNAMM19].
crowdcomputing [WHS+18].
crowdsensing [DJW18, KOM+20,
KRZ+19, MAD+16, YLWW18, YZL+19].
crowdsourced
[LLGY18, MMF16, MDM+19].
crowdsourcing [aCKPM19, FY19, LDS+18,
SYJA19, WL18b]. crowdsourcing-based
[LDS+18]. CROWN [HSH+07]. crust
[OS06]. Crypto [ARMS19, XZL+19].
Crypto-ransomware [ARMS19].
Cryptoanalysis [CJS19].
cryptocurrencies [ZLL+19].
cryptographic
[BDNN02, OMPSP+19, WMX+17].
Cryptography [CDFZ16, DXA14, AMN18,
MCN+18, MK17, YXA+18, ZXW+18].
Cryptosystem
[WSQ+16, GLB+18, LL04b, YY11].
cryptosystems [Wan19]. Crystal [KS02].
Crystallization [VsN94]. CS [GD93b].
CSCWD [Bar11]. CSP [MRV92]. CSSaaS
[HCK20b]. CSTP [LSD11]. CT
[HLZ+19, MK+19, SVF1A20, SGL99].
CTDNet [KCGW95]. CTPSO [XRPT18].
cube [CFL+18, Pan95b, YJA03]. Cubemat
[Shi+92]. cubes [SAKOK03]. Cuckoo
[CWJ+18a]. CUDA [GDEBC20, KSC+19].
CUDA-JMI [GDEBC20]. CUIDATS
[ABC+18]. cultivate [AHJFI97]. Cultural
[CMP+17, PC18b, CCMP18, MKS18, NIt86,
PPPM+18, WDJ18]. CUMULVS
[WKF03]. CUPUS [AMPZ16]. curation
[GZS14, GML+13, HBBH09]. curative
[Bo19]. currency [PRS12, SI19]. Current
[BHD09, Fur92, KARP14, LAQ+19, MK88,
Nag86b, KBVH14, Mizz9a, dLRW03].
curricula [MR03b]. curvature [Jun18].
curve [AMN18, LL04b, MCN+18]. curves
[SW05]. cut [ACCM19]. customer
[HCK20a, WBR20]. customer-centric
[HCK20a]. customers [ABCD00].
customizable [MDD15]. customization
[SSW+19]. customized
[BAD+19, CTU19, RSSD02]. cuts [HSS00].
CWI [Baa87]. Cyber
[CFH+19, HLV+16, IDM+20, KVCY20,
LWW+16, LLG+20, NLM+16, OFD17,
RVC16b, RVC16a, SYJ+19a, SHS+19,
UNM+16, ZYL+20, ZGY20, ZZZL18,
AHS+18, APRC16, ABD+19, BK16,
CFC+20, CM17, CLQ20, DWJ18,
EAED18, EG18, GVBG17, GAW+18,
GHD19, GGD+18, GMP+17, HRM20,
HAAR+19, KYP20, KB16, LLES19,
LSZ+18, LLF+18b, LLS+14, LSL+15,
LZY+16, MPP19, NAAC19, OA17,
PKF14, PTD+18, RPP+20, SMS14a, SZK16,
Sk19, SZD+17, SM18, SDK19, WLZ+16,
WZH+18, XZJ+20, XLZ18, XZK+20, YPJ19,
YS16, APRC16, YYW+09, Zhu14].
Cyber-Enabled
[ZZL18, LSS+18, LLF+18b, YPJ19].
cyber-foraging [LLS19]. Cyber-Physical
[CFH+19, HLV+16, IDM+20, KVCY20,
LWW+16, LLG+20, OFD17, RVC16a,
ABD+19, BK16, CLQ20, EG18, GVBG17,
GHD19, GMP+17, HRM20, HAAR+19,
KYP20, KB16, LLS+14, LSL+15, LZY+16,
MPP19, OA17, PTD+18, SZK16, Sk19,
SZD+17, SM18, WLZ+16, XZJ+20, XLZ18,
XZK+20, YS16, APRC16, Zhu14].
Cyber-physical-social-thinking
[NLM+16]. Cyber-Transformer
[YYW+09]. CyberGuarder [LLW+12a].
cyberinfrastructure [KS19].
cyberinfrastructures
[CGrdP18, DGGH11]. CyberLiveApp
[LJL13]. Cybermatics
[HLN+16, ZZL18]. Cybersecurity
[GMP12, FPP+18]. CyberShip [SME+19].
CyberShip-IoT [SME+19]. cycle
cycles [JCA+19, PL96, SK05]. CycloidGrid
[GDJ+13]. cyclone [RRKA19, VBL09]. cylindrical [LGMV02]. cytology [KIJ+19].

D
[AKB18b, AM19a, SGL99, YMM00, Zem86, vdB87h, vdB87e, vdB87k, AKB18b, Avg00, Bro19, CPD+15, CH95, DMM+99, DJJ+19, EMB98, EdBG+99, GWW+19, GR09, GGM+09, HvHAS40, HYRZ20, IdLR01, JHL+06, KCK04, KnI89, KA88, LBB+09, MJ98, MJ06, NCS04, RICW00, SHN10, VF18, WFK03, XZV05, XJJ+18, ZDL+19, RB893]. D-Grid [GR09, GGM+09, LBB+09]. D-S [ZDL+19]. D [AKB18b]. D2D [XYZG18a, YZZC19]. D4Science
[ASV+13]. damage [QXZ+19]. DAP [RAdARP19]. DAPSYS [NFL10]. DARGOS [PMLVL+13]. dark [YLJ+17]. DAROC [SHJ06]. DARS [SYL18]. DAS-2 [HBJ+03]. Data [ADBM19, AA+19]. Ama88, Am9a89, AW97, BA17, BSRR18, BMK+14a, CMEA+19, CLNR18, CMKN19, CAB+18, CDH+19, DYY+19, DGR+15, DLI+17, EET18, FS97, FZT+18, FA11a, Fuk85, GBB18, GRL11, GGH+06, HSBE19, HX19, HCX+19, JL14, Jun17, KK19, KPS18, KPBI8, KLI+18, KT17, KB90a, KIMR15, LPL+16, LXF19, LWYS18, MGL+18, MR+16, NNLH18, PN13, PH07, PPS+18, PPA18, QC18, RPA+18, SVK9, SMS16, SFR15, SE19, SNXB17, SD07, SCG+18, VV92, VEET18, WRK+15, WJS+18, WZL+20, WMN+01, WXGM18, WZML18, WD+19, YTHY18, YZC+19, YCY10, YDD+18, YZI18, YCZJ18, ZLTY10, ZCX+18, ZCYZ18, AOIS10, AHEM17, AD19, APBdI7, ABD+19, AK19, AAAQJ+18, AFSH+18, AFSH+19, ABB+19a, ATH+19, ARP14, AHYF19, ASO14, AIM+19, ACHP19, ATdC+16, AWN+13, ASYF18, ASD12, ABF+03, AMT+12, ATM+19, ACK+15, APC+20, AGA18, ACSV18]. data [ADK+09, dRADF18, Asu13, ALL+18, ACC+16, AK18b, AMM+19b, AMBC19, APR+19, BAJ+19, BLL+19, uRBBC20, BK16, BW20, BG14, BCN+19, BBD+13, BJI+17, BAP17a, BAP17b, BABB2, BDWM17, BBC+13, BDZ13, dMBPsC20, Bha18, BKY18, BDC19, BN17, BL92, BPS+03, BPAP92, BCW01, Bu18, BWG19, CZT+15, CQW+19, CMX+16, CVT19, CD16, CTT02, CGM+07, CLZ18, CYZ+19, CCD+19, CvdRA+20, CTR+17, CHJS+10, CFM17, CGIP14, CPD+15, CCMP18, CKFJ06, CFC+20, CHJ+04, CCL07, CGL08, CLH10, CCS+10, Che13b, CPA14, CZXL18, CAL+18, CRG18, CZZ+18, CLS19a, CSL19, CLDC19, CBT+19, CY01, CDB+19, CCM+14, CCG07, CPSRG14, CGST09, CTT07, CS97, CSP13, CSQ17, CDL18, CMZ+18, CBBdL16, Cuz14, CLM14b, DMR93, DMM98, DMM+99, DW11, DWH+17, DJPM18, DAM08, DFG+00, DML20, DP19, DMM11, DQXW19, DWZ20, DGD+16, DGCNH+17, DKK+13]. data
[DF97, DSH+99, DLS+12, DXL+18, DZLA19, Dup90, DB09, ELAEAV19, EZTL19, EAS+18, EU19, EP13, EWS99, ED16, FTA+14, FG18, FSP02, FLT+19, FB97, FZW+18, FD12, FSV+19, FAJP99, FZHH14, FTK17, FNCRI1, FJT01, FM01, Fin99, FNA11, FRM+18, Fra08, FS18, FdSC07, GQLX18, GAC17, GLC19, GVURIVBV14, GZS14, GHD19, GSC11, GJ15, GKG20, GBY16, GGW+09, GML+13, GS16b, GS15, GLSV07, GBF+12, GCCL18, GHW+20, GLVC18, GCD+18, GTCCZ+18, GDS18, GRX19, GP09, GGH+03, GHJ+19, GG10, GFW+18, GLD+19b, GPVN19, GSV+17, GLB+18, GZQ+19, GB99, HKA+18, HSM13, HAT19, HLYW17, HH+19, HC99,
ZWZ18, ZZZC19, ZYCZ19, ZWQ+19, ZYC+19, ZXD+19, ZQB+18, ZAC+18, ZIW10, ZWJ+18, Zhu18, ZWGC19, ZCS20, ZSBB19, dSCD+19, dFPFG19, dVGSB+20, uRYS+19, vKvWD+13, vdrR871, vdrR87k, AKP+18, BBD+19, BCMA07, CAS+16, CC07, CRW+16, CW16, DX14, Dog09, EET20, GS16a, HBH09, IMM+20, IDM+20, KKAS19, LS07b, LH08, MCR+16, NZQ07, PVHTP19, PMCP20, Qin07, Sha16, SYT09, SHJ06, TLYT05, TLY06, YYW+09, ZS16].

data- [vdrR871]. Data-Activated [SHJ06].

Data-as-a-Service [HSBE19]. Data-aware [KB09a, AHEM17, TRK+15, ZME+15].

Data-Driven [VV92, YTHY84, FZT+18, HX91, HCX+19, LXF19, KKS+18a, LSN+20, MTH+05, PKC+05, TTH+19]. data-flow [GS15]. data-intensive [BPS+03, Cuu14, GVURIVBV14, JFZ17, KGWV14, LTL19, MFP05, Pa09, RSJ+14, SLC+17, SBD+18, TdPF+17, TdBL16, TSB18, WTR+13, WHY17, WHZ19, dSCD+19].
data-locality-aware [LJ+19].
data-matching [PR14]. data-parallel [BL92, FSP02, LC04]. DataABC [JFZL17].

Database [LS+19, ASAAM+19, ACU95, Ano84], Cha15, CWSW14, CYB00, CW93, FAFP99, FT07, GML09, Joh92, LY90a, LY90b, L3L+16, LRMS19, LMK91, Mur88, NSI84, PNN99, PH99, PB17, WC+17a, WY520, YWX18, YWF+10, ZTQ+20, vdrR86a].
databases [ATS14, CYB90, CFG93, FGRZ09, FS+18a, GAYCT18, KPO0, KMB16, KYY+19, KST92, Kos00, LY18a, LCCF11, MSZ+20, MQN19, NA19, PNN99, Pdds10, SL87, TG07, YNK+20, ZMN09].

Datacenter [MY+17, BWX20, CMX+20, ESP17, KM18, LKTC14, SHRE16].
datacenters [LJGW18, LPPB+18, MRH17, SSP17, WCC14, XWM18, ZG19].
datacentre [Len16]. datacentres [PLL18]. dataflow [GY90, Gur85, GBT87, HG92, KSY92, PPL17, ZT90, ZT91].
dataflow/von [HG92]. DataGRID [VB03]. DataMiningGrid [SSK+08].
dataset [KMST19, WZ16]. datasets [AMBB18, Ans11, BRXLs11, CLY14, CYJ19, FGM11, HHZ16, KPB+03, MR19, PPZ12, RST17, WMLS14, ZIOT+20, ZLX18].

Dataspaces [CDH+19]. Dataspaces [HLCL16]. DataTAG [MFP05, MFM+05].
date [Dim99, HMA18b]. Davidson [BvdHN+16, Bv04]. Davidson-type [Bv04]. day [KLW+18]. DB [PYH+18].
DBaaS [BBB+19]. DBMS [MGV+18].
DBMS-based [MGV+18]. DC [QMCX19].
dCCPI [LQW+20]. dCCPI-predictor [LQW+20].
DDL [FB97]. DDoS [CW19, DCC19, SPT+18, TA18, VS13, VSP+14, ZJW+14]. Deadline [ANE13, NGCB20, PENGJ13, VCKB12, ZT91, APAZ17, APB16, ABN17, ABN19, DQLW15, FCY18, HLLW2, HWQ+20, KD+19, MJDN15, SGJ18, TWdLZ19, TSB18, VBB3a, WT+17, ZSB+18, ZQB+18].
deadline-aware [ZQB+18].
Deadline-based [NGCB20, KD+19].
Deadline-constrained [ANE13, ZT91, APAZ17, HWQ+20, MJDN15, SGJ18, TWdLZ19, VBB3a, ZSB+18].
debugger [CLP95]. Debugging [AW03, FSP02, RCD03, BW95, Kac00].
decay [PKA19]. December [ANO19].
Decentralised [Low05, MAO+20, PWA+19, STM18, TOM+20, Van93].
Decentralized [CLNR18, FY19, HNKO18, JTS13, LSO7b, LJC+19, MPC+18, OE13, RL12, SHRE16, TGM11, XTZ+19, ATF11, ABH18, CCL11, DA18, DCF19, FWB3a, HB08, HSY20, HXL90, HBN+13, LHL09, MML+18, MT17, MOB18, MGLPPJ13, NV+19, RRB10, ...
SAK19, SCMS12, TY11, YBQ07, YLA18, ZMH+18]. deceptive [CWZ+17]. decide [MOBD18]. Decision [GSKS20, vdR87f, AFSh+19, AW97, APR+19, BBWB+18, BÖ20, BKB18b, CLY14, DSH+99, FMM+20, GS05, GBK18, JNS+19, JZX+19, KMI11, KKS+18a, KFBKD14, KGO+20, LPK17, LKT18, LGW07, LRMS19, LYS12, LDY+18, PP07, RT16, SB97, TSS+19, VDK12, WY17, XYLZ18, YCH19]. Decision-Making [GSKS20, APR+19, FMM+20, JZX+19].

decisions [ABMMC18, LTZ15, TWDZ19, WGM15].

Declarative [TA96, AtDc+16]. decoction [XZQ+19]. decoder [KA88]. decoding [PSP16]. Decomposed [YSF+19, SKJ01].

Decomposition [dRSS97, AB18a, BH03, Bu18, FBMM19, HND06, Ima19, LLW+18a, LYY+18b, Mvd01, MSBA16, NJ19, PLL+18, PSLZ18, Pri95, SMC18, WHZL10]. decomposition-coordination [MSBA16].

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

decreased [WCWC19]. Decreasing [VGC+13]. decryption [XTZ+19, XYML19, ZSW+18b]. dedicated [BBB16, DZ04, NP03].

deductive [RB12, SL87]. deduplicated [MKRD19].

deduplication [FLL+19, KH18b, SAR18b, WLA17a, WLA17b, XFJ+19, ZFH+18, WLML17].

Deduplication-Assisted [WLML17].

DEED [YZC+19]. Deep [ASYF18, AAM+19, AMM19a, DDD+19, EU19, GSC+19, HDA+19, LLW19, RSB20, SB19c, ZTC+19, ZYC+19, ZZL18, ABDH19, AQAR+18, ASAMM+19, ATT+20, BWG19, BW19, CLCMG+18, CFMC19, CAL+18, DFG+19, DC18a, GLC19, HDKC18, HUMA18, HHH+19, JZL+20, KMK+19, KSS19, KJLGS19, LBD+19, LLC+17, LL+20, LYYG20, LCT+19, LXT+19, LL+18, LGL+20, MFSV19, RSY+18, SD18, SYT+19, SHL+19b, TBS+18, TYWZ18, TBG+20, UMBB19, WCB+18, WZF+19, Wan20, YWLL19, ZZ19].

deep-learning [CAL+18]. deep-regression [AQAR+18].

DeepNet [CPW19]. default [ATT96].

defect [LAT+20]. defense [ASA19, CWMZ19, DCC13, GKYK18, NNC+19, VSP+14, ZJW+14]. deferrable [CSQL17]. define [ABD+19]. Defined [BRH18, CWM+19, IDKRD19, RJS18, SMG18, ACHP19, CK+18, CKP+19, CS19, GZLZ16, GKYK18, GTS+19, GXL+18, HY+19, JAAD+16, KJJ+11, LGP+19, LLT+19, LWW+19c, LXM+18, LRC+18, MKRD19, NAGD18, QCY+19, WLA17a, XFY+19, YZJ+20, ZGL19, ZWJ+19a, ZBCT+17, ZSSZ+18].

Defining [GSM90, UDS+19, MEBG12, MR03b].

definite [Amo06]. Definition [CGT07, GHO+11, HML+06, LRJ+06, LS05, Szu01].

defoction [ALFR16]. deformable [RDSA18]. deformation [JHC+10, Tor04].

defragmentation [RT15]. degeneracy [DMN+05].

Degeneration [TBS+18].

Degree [ZSFZ+19, LJJ18]. Degree-biased [ZSFZ+19].

Delamay [LGMV02, XSM04].

Delay [ACC+19a, BARMB14, RJS+19, CLRL17, GCT+20, KV09, LCL+14, LZA+20, RMDB18, SZK16, VSKS19, ZTKX19].

delay-aware [LZA+20]. delay-based [CLRL17]. delay-sensitive [LCL14].

degenerated [SBL18]. delegation [AH11, JSMG18, RPH+19, XZP+19].

deleting [YNK+20]. deletion [LZLL18a].

Delft [DFZS88]. Delivering [ACC+19c, PMDS18, QCD16, Zhu00, BYV’09].

Delivery [CC00, SST+18, FAL+19, HAT19, HAE+03, HLLL13, KKN18, LML+14, LPE08, RMV+10, ZCT+04, Zhu18].

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

Demand [CAB+18, SLSS19, BPS+03, CMX+20, DEG+17, EMR05, KLM+05, Len16, LW+18, LWZ+16, MHW+16, PYH17, RPP+20, SH+19, SSS’09, TDC+14, WW+97, SCN+14]. demand-aware [CMX+20]. demand-oriented [LWZ18].
demanding [MVT+99]. demands [KPM+18, SCB04]. dementia [NDZ+18a, NDZ+18b, NDZ+19]. demonstration [CALN03, HRJ+06, VRGR16]. demosaicking [HLC16]. dendritic [EAA16]. {Dendron [PMK18]. Deniable [DA18]. Denial [IDDK19]. denoising [BTG19, GDAS18]. Dense [RCW+19, DS04c, HPP94]. DenseNet [CTU19]. Density [GBY16, ZSZ14, DRS04, LZW13, LZZ19]. Density-based [ZSZ14]. deontic [SZR18]. dependable [AR07, BCC+17, WTK07, WY17]. dependence [BSF+20, XFM16]. dependencies [BBI13]. Dependent [BB17, CP06, Dua94, GTMZ17, MCRB19, Nos98, Tab06]. deploy [ALTG19]. deployed [KSS9]. Deploying [PCBD09, MVC+13]. Deployment [TCB+17, BJA+05, BARM14, BGRBA19, CZY+18, CdC07, CG15, HSH+07, KTKN11, LWH+18, LLW+12b, LSMVML13, MAJD18, MGLPP13, MCSA18, MW12, PSP+09, PPSS06, RCMT18, SCJ+19b, VCL+19, VSDD13, WLD+20, dOWdAS+18, WG13, WLH+19, ZLZ+13]. deployment-based [CdC07]. Deployments [FFB20, LPD+13]. depression [CFL+15]. Depth [HZZ+18, OMPSP120, XTL+19]. Derek [Ano87b]. Derivation [DRNM09]. derivative [GKS05]. derivatives [BBL+05, SBLT05]. derive [LN13]. derived [Del06, YMW13]. Deriving [MdO0+17, CHSA18, CFVP03]. descent [MWL18a]. describe [vHD+06]. describing [BBT19]. description [DJPM18, FSD+20, HK88, KGdL11, PLCGS11, Sun10]. descriptions [BHK90, XLL+18a]. Descriptive [SGdNM06]. descriptor [LZL+12, PSS+18, Var03]. Design [AMN18, AAB+10, Bag19, CCDS08, CBS17, CLS19a, DBCF19, DV12, HDZ19, JO11, JNR12, KO11, KANS18, KLW+17, LCP04, LJY04, LL04b, LJS17, LC03, MK17, MSK03, MCWP16, NSS99, NP06, PGR+07, PMT10, Qin07, RPH19, SPR+10, SYCH18, TMM+13, TBB+17, WDKV19, XKJ+18, ZY90, ZYA+18, ZZQ+13, dSK+19, AO06, AMB03, AAD+13, BFP18, BBC+99, BKG05, BSRR18, BB06, Cur92, DMR93, DDV92, DGS09, DSD+11, DBD+14, ECPF17b, FD02, FAPJ99, FXT+18, GdCP19, Ger02, HB09, HIA+18b, HX19, HLL+19, HHZ+19, HLL+15, KKL09a, LRYJ17, LMH+09, MSZ+20, MB01, MBD18, MBZL09, MNY+19, MVT+99, MYY+18, MWMA10, NSR+19, Ném00, OSAN19, PPJ95, RHH+16, Röb05, RCOP+11, SKC+00, TWW+18, TCM92, UZ11, VCC+03, VSM02, VR00, VPP+19, VP94, WWD+14, WXYL15, WSL+19, WGM15, dOWdAS+18, WKT00, XZL+19, ZDL+13, ZYL+20]. design [ZLG+14]. design-space [SCK+09]. Designed [DGR+19, YJLC20, ZJW04]. Designing [AB18a, BGL+05, GBE00, LTWM19, ODd+13, ST98, XLL+19b, CFPC17, DGGG+17, Msr17, TKT+08]. designs [BDG+19]. desirable [PKB19]. desktop [BCB+07, CLL+14, DSS07, FKI2, KW16, KFC+07, KJ12, KKL11, LJLW13, RLP12, SWW+18, TPSB14, TKTG19, VKK14, WFC07, CB10, KNK+08, KLM+05, LT07, SBHD08]. DESRF [LWZ18]. destructive [DP20]. desynchronized [Tur18]. detailed [LR06]. details [SCLC19]. detect [JX+19, LYS+19, PZC9, SGL+20, SAG19, ZZN04]. detected [BCF16]. Detecting [BOHCC17, RKB18, WLW+18, AMM16, CZ14, LA19, SCB04, SM18, SK05]. Detection [GMLGB+17, GHP+18, GLXF17, LMM19, SAPA17, VMM20, ZJW+14, AD18, ABDH19, AMI16, ASAAM+19, ArMS19, AIP+19, AHMS18, ASYF18, ATT+20].
AKM18, AS18b, ALFR16, AM19b, BTG19, BSF+20, BBH18, BSOK+20, BR19, CXZC18, CYV+19, CTV19, CDP19, CRC+19, CWLZ19, DJPM18, DNJG17, DC18a, ENC+12, FJ18, FZHH14, FS19, FCD+14, GAFFOG12, GKB+20, GFM+20, GPV+14, GRS+19, GNGG17, GSY+17, GSC+19, GMCM16, GMCM18, HTL+18, HJA+19, HHS98, HNCJ13, HZZ+18, HZW+16, HAA+16, HIA+18c, JNHL18, KHWZ18, KIAD17, KIJ19, KTV03, KPK00, LRL+19, LYY+19, LJJ18, LTMW19, LYC+19, LYXT14, LSL+15, LJW+19a, LXT+19, LYYW19, LWR+19, LPL+20, MLC+20, MH19, MAY18, MGA+18, NK18, NGB18, NJ17, NO19, PMK18, PRW14, RBGA18, SPT+18, SC19, SOD18, SD18, SMRM13, S118, SSA+19, SEHS19, SYT+19, SLC19, SB18, SGBK19, dSSCdL19, SGS, SLC+19, SBK18, SJ18+15.

detection [TGJ+20, TBS+18, TMB+19, VSN19, WWH+17, WJS+18, WWZZ18, WXZ+18b, WCM+19, XFTZ16, XJZ+19, YWJ+18, YARH18, YCXW18, YPX+20, YJL+19, ZZH+18, ZGV19, ZRZR19, ZCS20].
determinants [CT19c]. determination [Dr05, KK10b]. determine [FM10b].
Determining [SOA17, SS17].
determinism [WPGN+18]. Deterministic
[Gue01, GOLL19, MKH06, WLGL19].
deterministically [LOK09].
deterministically-routed [LOK09].
Deterrence [SMF+19]. develop
[Ham19, ZBF14]. developer [BPLFRL20].
Developing
[AAB+92, DW87, GW01, GTM19, HZZ+14, HCJ14, LLMP13, SR19, GJS+94, Ham17, Kim14, LJS17, LGS+07, LKJ17, Ren03b, SWW+13, TKA+18a, WCH+18].

Development
[BFR05, BHH91, DDO+92, GML99, IMKB89, MZZ20, YA02, BdCYG05, BHH92, Cas94, CGL15, Dal03, Dek86, DJZ+00, FJ00, FR08, FSP+18, HRSW99, Hen87, IMS90, KDFL99, KMST19, KV03, Li90, LHWS07, Mat89, MMPF19, RG04, SBLW14, Spr12, SHJS+10, SCJ+19b, TBK+10, TF17, TCBC18, WWSM98, dFBP+17].
developments [Sch94, SSZ13, YAGG18].
Deviation
[WHY+17, HKP10].
Deviation-based [WHY+17]. Device
[HCH19, WWV17, CLK11, DLR+09, DSBC19, FRM+18, FHG95b, Kaw92, KPG19, LPL+16, MKS18, SGFS01, SLDK03, SZG+19, SW06]. Device-to-Device
[HCH19, WWV17, DSBC19]. Devices
[BDM+19, WLP18, APR16, AT19a, AKB+18a, ACD+19, BSRR18, BOP+14, CCR18, CBP+18, CRC+19, DC17, EY+19, GMM18, HZM18, HCW+18, JCA+19, JKL17, KUM19, KK97, KKA18, LKJ19b, LCMX16, LNY+18, LYL+19, MMC+18, OB04, PCK19, RSRA18, SAGGB17, SGS+18, TLC+15, VFHB14, Wan18b, WWG19a, WXG+19, ZDM+19].

DevOps
[WBKL16]. DEVs
[SZP00].
DEXIN
[FLT17]. dexmedetomidine
[FHHM19]. DFIN
[QJ18]. DFT
[BST+04]. DGC
[TF18]. DHT
[HK018, HZ10, PTT12, TJWS10]. DHT-
[TJWS10]. DHT-based
[HK018, HZ10, PTT12]. diabetes
[GP11, VFHB14]. diabetic [NDA+19].
Diagnosis
[TBG+20, AAN+18, AAS17, BvdBM+93, CLZ18, CFL+15, CD99, DFT92, FM01, Ham89, KHO+19, KLV+18, KE85, MH01, SB19c, Suz89, tTvH96]. diagnostic
[ASTEP98]. diagonal
[DL03, PSS+18].
diagram
[KS02, SCK+00, WZW+19a].
DIALOG
[ZT90, ZT91]. Dichotomous
[RRK19]. DICOM
[EGAQ09].
dictionary
[DPS16, ZWWL18]. difference
[A006, BG12, CS93, LLL+19]. differences
[Nit86, PBHK01]. different
[BARM81, DFG14, JZWL17, RJN+19, RWY+18, SD06, SHH+19, SCG+18, vM94].
Differential
[DL03, BC03, Del06, HZL18b, KS18c, LWZ18, PSY+19, SS03, TM19, WZE19].
differentially [WLL+19a, ZLXZ18].
differentiated [PEG05, SPBT07].
differentiation
[Büc05a, Büc05b, Fau05, HNP05, HHG05, HSN05, Pal06, Röb05, SBLT05, TSBH11].
DiffServ [BLO+18]. Diffusion
[BK998, vdS04, BMP01, Ban02b, DH16, JNR01, KZC04, Mar02, TWG+19, WRCC17, CSV+12]. diffusive [BMZ10]. digest
[BK19]. Digital
[AFS16, LCHW14, MLC+11, QC13, QC18, SR19, TS08, ACM19, Bro19, CCM18, DGA18, FBBW99, GTM19, HESM99, KY85, LCH+11, LQF19, MJGW18, NOK09, PKM99, PKP19, QCX18, SI19, SSSF19, SSA+19, SST+06, Wei11, WSTW87, ZSM18].
digitised [OPT+17]. digitized [SYT+19].
dimension [SAKOK03, ZAB15].
dimension-ordered [SAKOK03].
dimensional
[BP02, BS04, CHJ+04, CCW+20a, CFL+18, DS04b, DJP18, DSH+99, DB99, EFD00, EP13, FNA12, FHHG95b, GDAS18, HZW19, Pal01, PM14, SWG+16, SS17, SJL+17, SW02, WZW+19a, WW11, Wes99, XSM04, YPC12, ZFW14, ZZZ17, ZCS20].
dimensionality [BFL109, MZYA19].
dimensioning [TDV+08]. dimensions [EHT10, WMBV17]. DINCast [GNW05].
DIPAS [TBNF09]. Direct
[EDH+13, NEJP94, VVCV94, ECE+19]. Directed
[WTC+02, DK14, RSR01].
Direction
[HAA+20, DHW+17, Dör05, Fur92, ZG18]. Direction-Aware [HAA+20].
direction-preserving [DHW+17].
Directional [CLL+18a, ABS+18, LOK09, Mar02, OS06, XZW+19, YPC12].
Directions
[CDFZ16, Ano84j, CGBAP18, GVBG17, GBMP13, HRC19, LLWZ18, LKM91, MND+19, QKC19, VB18, YS16, dCTVC18].
directly [De 88, ZCT+04].
directory [Oly89]. Dirichlet [KDE04]. DIS
[RdSh+00]. disabilities [RMSPP17].
disabled [HFT16].
disaster
[AT19b, DCC+14, NKP16, RCMT18, SGRT19, SA14]. disaster-inspired [AT19b].
DISC [IMSV09].
disciplinary
[DFG+00, LZH+18]. disciplines [LKK+16].
disclosure [LNY+18, NNUV20].
discomfort [XYJ+18]. Discord [SCB04].
Discover [ALTG19, AVPV17, LJP05].
Discovering [LLG+16, WFQ+10, Fer13, LC15, SSC09, VGBLGS+06].
Discover [BBC+13, BCF16, KK11, AAS+19, BMH10, BCR+12, CWJD19, CCT13, CÖÖ13, CL108, CH10, DMZ09, DMPS19, EK11, EBOY14, EA17, FPS10, FMS08b, GACM17, GDJ+13, GB10, HB08, HCC+14, HZC10, HSV+17, KKL11, KIC12, LCBF13, Li10, LZH+18, MLL15, MCL+16, MHC14, MTV05, MP02, MV09, Pal13, Pip10, PTT12, PPL+15, SB17a, TTP+07, YSC+19, YCZJ18, YLA18, ZAB15, ZL13, ZZX+19, ZCL+19].
Discrete
[She00, BMP+16, LCW+18, NB04].
Discrete-event [She00]. discretization
[LTJ12, RGG18].
discriminant
[CLY14, HLL12, PZC19, YPC12].
discriminate [AHMS18]. discrimination
[HLH+18, XLL+19c]. discriminative
[WYZ18]. discussion [BOHCC17].
DISCWorl [HJS+99].
disease [AAN+18, ARP+19, AAS17, DRC+19, HUY+19, KKP+05, KHO+19, KLX+18, LSN+20, NDA+19, WCC19, XL19, ZXXL18].
disease-EEG [KKP+05]. Diseases
[TBG+20, HEES19, KE85, SM18, VFHB14].
disk [CFG03, DLXR14, JLL+13, NP06, NQQ13].
disks [CkLC06]. disorders
[AHMS18, CPE+17].
dispatch [WLH16].
dispersed [ED19].
dispersion [ZWZ19].
Display
[KID+16, KWK16, 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, WLP10, WZJ19b].
Dissipative [WZL18]. Distance
[FGRZ09, FYH +18, TKA18b, ZL13, 
CZL +18b, IKU +11, LYW +18a, OMK +19, 
SPT +18, TGJ +20, WWD +14, ZSGJ19].
Distance-aware [ZL13, ZSGJ19].
distance-fitness-based [CZL +18b].
distances [MHG +05]. distinguished
[HWW04]. distinguishing [SM18]. distress
[MNC +18]. distributed [FT07]. Distributed
[AWY16, Bag16, BDF +99, BCT +07, BM08, 
BBSV92, BM92, BKK02, BDHK06, BPS +03, 
CTT02, CGV10, CZY +18, CMT16, 
CMNK19, CKLC06, CTT07, DRC +19, 
DVV90, DC18a, EH10, F00J17, GLCV18, HH98, 
HCSZ17, HV92, HB00, HAB +06, KK00, KGX95, 
KK +18a, LSG +19, LWHS07, LLHS07, Mul92, 
ML17, OdI14, PT16, PZY16, PIP18b, SSG17, SKJ01, 
SSL13, SLW01, TCG14, VVC +12, VVC +03, 
WMLS14, WM07, XHL +19, ABS11, ADI14, 
AT01, AS19b, AB18a, AB19c, AMB +92, 
AKB +18a, ABF +15b, AGJN00, AB16, 
AB03, ADLM18, Bag11, Bag19, BMRW01, 
Ba16, BFLL99, BVFGW15, BKG05, BC15, 
BR92, BW95, BB06, BZD13, BR19, 
BAD +05, BGMLS17, BDL06, BF8 +03, 
BRNR15, BGR +99, CMZ +12, CPgs +13, 
CM01, CSTD29, CWD04, CZL +18a, CZY +19, 
CDF +05, CRC13, CLR16, CMB +01, 
CDDR17, CCL11, CBT +19, Ch04].
distributed [CCM +14, CS90, 
CPLH19, CF20, CPG +18, CRM05, 
CBBDL16, CLM14b, DB10, DGA98, 
DAM08, DT93, DRNM09, DR15, DDM +08, 
DL00, Din03, DM10, DDB14, DM12, EK11, 
EBOY14, ECPF17a, ECPF17b, FGRZ09, 
FB97, FAPJ99, FG13, FJ00, FPPS10, 
FM10a, FBBW99, FSP +18, GA13, GMEL08, 
GA +18, GA06, GIM16, GM11, GKTK15, 
GW01, GSY +17, HC99, HAC92, HKPT10, 
Her91, HST +18, HPP94, HZDS19, HLNM11, 
IS18, JRR +11, JSK +06, JLD +19, Jdh92, 
KMB16, KS11, KANS18, KYB +19, KB18, 
KKBK19, Kim07b, KNK +08, hKFC09, 
KKL09b, Kob92, KB00, KB3 +16, KOP +17, 
KKP00, KJ18, LB03, Laut01, LR06, LCFB13, 
LL03, LKL +17, LLG +17, LKGO8, LWSC07, 
LW +19c, LC15, LSH +11, LZXG12, 
LKK +16, LMA +19, LBU +10, LCCM18, 
Luk89, Luk00, LM12, LMH +09, MYH18, 
MCSS00, MDA +19, MSS +16, MSLF16, 
MAA +19, MKS +19, MGLP19].
distributed [MROD10, MM02, MW12, 
MFSV19, MQN19, NFK10, NLS02, ODK +17, 
Ole07, Nst92, OS01, PBV +13, PdASM18, 
POMK20, PY00, Par04, PWS +14, PH99, 
PX07, PGAFC18, PSG +06, PMT10, PZY17, 
PBC99, PVbh05, PSBB15, QP08, RHH +16, 
RHB08, Re06, RLRC13, RMHCMG15, 
RMHMG17, RM97, SB19a, SGR19, SZC05, 
Sap88, SZP00, SBSL06, SY04, SD02, 
SLG +17, SLSF18, STB +19, Sin92, Slo96, 
SD03, SHJ06, SLO +05b, SCC20, SHL08, 
SML96, SSLF +10, TC06, TLD00, Tbd16, 
TH12, TBNF09, UDD +19, VPT +15, 
Vau93, VR00, VLC03, VLS09, VOS12, 
WHZL10, WTR +13, WW +16, WHS +17, 
WWG +19b, WGW +20, WSH99, WHYZ17, 
WHYZ18, WB90, WXZ +19, XXX +19, 
XXB19, YA02, YHJC05, YJS18, YZW14, 
YWF +10, ZCT +04, ZLD +03, ZMS +06, 
ZW13, ZWW +13, ZXS +15, ZWHC17, 
ZTKF17, ZWJ04, ZCW +04, ZW10, ZB19, 
ZSB19, dSGD13, dSFD +19, dKd0303. 
distributed
[dLBI0, BCF +10, CT09, WAEO6, YMY +17].
distributed-data [FB97].
Distributed-Memory [BM92].
Distribution [KK19, KT17, AC18, BTM06, 
BGP +17, CRC13, CYH04, CdRRdCB19, 
DLW07, DS08, DJH +19, FHZW18, FR08, 
GZL +18, HFM19, HAAWH +18, KTKN11, 
LBD18, LGH97, LJY10, LSYC18, LOK09,
double-orbit [LY18b]. down [SCH+19].
download [CGL08, Li15]. DPM [CGM+18].
DRank [LXM+18]. DQP [LMH+09].
dragon [CLR16]. Dragonfly [CT19a].
drainage [ZMZ+19]. DRAM [CSJ+17].
drawing [Büc05a]. drawings [Niw89].
DRAxML [SLO+05b]. Dreyfus [Zad87].
drift [HXC+18, IdAP19, TSG17]. drifts
[ST20]. drilling [LZL+19a]. drive
[SYW17, VS19]. drive-thru [SYW17].
Driven
[MZZ20, VV92, YTHY84, AJY12, BFS+17a,
BFS+17b, CVKB12, CSL19, DCC+14,
DWS12, FC05, FCC+18, FZT+18, FT14,
FG14, FCC12, Fre94, GEG14, GBF+12,
GMP+16, GHJ+19, GKT15, Ham17,
HHK18, HB19, HX19, HCX+19, KCK16,
KADJ14, Kol18, KKS+18a, LSN+20,
LJC+19, LXF19, LW14, MFC+19, MTH+05,
NJJ+18, NJ16, ONHT89, Pal13, PMK18,
PKC+05, PdAF12, RZ16, RBN13, SBC+09,
SLZ+09, SMS14b, TSS+19, TCBC18,
VCKB12, VET16, VPP+19, WVC94,
WLH+19, XWW19, XJZ+19, YMLT13,
ZCM19, ZAA+14, ZCX+18, ZLT+19].
Driver [BQI+20, JCMP+18]. drivers
[PWP+18]. drives [PLZX19]. driving
[BQI+20, FPL+19, LKM91, OMK+19].
drone [ASAAM+19, LLN+18]. drones
[PECA19]. Drop [CNP+19]. droplets
[DY04, QC13]. DRTD [HDA+19].
DRTM [DJZ+15]. drug
[HSV+17, KKL11, MMVS19]. drug-protein
[MMVS19]. drugs [WAW19]. drying
[Jun18]. DSM [RPP+20, CCS+10].
DSM-based [CSS+10]. DSP [EFDO0].
DStore [XXB19]. DT [vkvWD+13]. DTA
[XWJ+16]. DTM [WSZC18]. DTRM
[LHX+18]. Dual [HPL+19, BWR12, BW13,
ESPN17, QGZ19, RPP+20, VADP12,
XZZ+19, ZDR07]. dual-band [VADP12].
Dual-Level [ZDR07]. dual-port [ESPN17].
duality [UM02]. duct [Hxz+19]. dumps
[Dal06]. duplex [WGX+19]. Durham
[Her87]. during [AKM18, BDM19, BWR12, Niw89, RS17b, SK18, SLc+17, SE19]. Dynamic-key [LCP04]. Dynamical [LMBCC89, BKB19a, GLW99, Lop03, MPQ03, XT18]. dynamically [AAB+92, ABNN17, LKJ17, QCYJ17]. DynamicCloudSim [BL15]. Dynamics [yOB95, Ban05, BMZ10, CM99, FAJP99, GPS+17, JTB13, JL03, KV+18, MCRB19, MR19, MF93, MR00, PHM+99, SCK+00, TBO20, Tul04, WJLW18, Wes99].

[PLGMCdF18, SD18]. ecoinformatics
[PLB+19]. ecological
[KSSG16, PSW+14, TSTL16]. Economic
[AB19a, ABGMC19, TBR+19, YW12, ATM+19, CC19, DQC+19, DS08, HAP11, HAP15, LTN10, RMCMD12, WDZ19, dACAM13]. Economic-based [YW12]. Economical
[PWB+13]. economy [CFH+19, GFW+18, LLZ+18a]. Economics [AAC+19, ABP18, BAV16, VAR14, AR12, AR10, TL19]. ecosystem [AMPZ16, Dho20, DDMPG17, GHGP19, GPJA+14, MVL+18a, Sha16]. ecosystems [CGM+19, LMBCC89, SRdIPG19, ZZDM+18]. ECRC [Gal87]. ECU [KR19]. EDAK [ABB19b]. EDAWS [WHY21]. eddy [NEJP94]. Edge [AJR+19, AR17, AHM+18, CLH+18, DMC+19, FFB20, GSP+17, JHJ19, KAHI+19, LOR+18, LSL19, MPLM18, OFMZ18, SST18, WZM+18, ZSF+19, AHS+18, ANG+19, AHU+19, AK18b, AMBC19, BEB+20, BCN+19, CFG+19, FCC+20, CXWT19, CWL20, CGSV17, CGM+19, CF20, DLL+19, EZTL19, EBCP18, GCT+20, GRX19, GCZ+19, HHS98, HMZ18, HMA18b, HMW+19, HLT+18, HLT+19, IG12, KI17, KA19, KGO+20, LW18a, LTLT19, LWTL19b, LWT19a, LYL18b, LGL+20, LWZ+19, LCY+19b, MLC+18a, MCA19, MBMTJR18, MWL+20, QZD+18, RGN+18, RR18, RLM18, SPJ17, SYJA19, SCAC+19, SLL+18, TGM+19a, WLP+20, WLD+20, WMJW18, WHL+19, XKK20, XZW+19, XZP+19, XLL+19a, XXQ+19, YW+19, YCH19, YCY18, ZZ19, ZYC+19, GQXL18]. Edge-based [ZZF+19, CGSV17].

Edge-centric [AHM+18]. edge-cloud [AK18b, LWTL19a]. edge-crowdsourcing [SYJA19]. edge-IoT [EBCP18].

Edge-of-Things [GQXL18]. edge-stream [GRX19]. 
edible [Jun18]. edited [LHCC18]. editor [Ano87k, KDFL99]. Editorial

[AkvR86, ADLW12, Ano84f, Ano86g, Ano99, Ano19b, Ano19c, Ano19d, BLRL03, Bru01, CRW+16, DHS00a, FM01, GVTdL18, Her94, HB98, Kaa98, KG01, Mal01, ON85, OS01, PC18b, RR03, RB13, SZV19, SG95, TKRA14, VN01, Wil00, YAGG18, ZEO01, AB01, AD00, Ano01c, BJC02, DDS00, FBS18, Fl03, HP92, KKK00, LC01, SSZ13, Tan02a, vdrR93a, Ano84g, Ano86f, Ano87i, Ano88c, Ano89e, Ano91d, Ano92g, Ano93h, Ano94f, Ano95g, Ano96d, Ano97c, Ano05c, Ano05d, Ano11c, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12p, Ano12q, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano14e, Ano14f, Ano14g, Ano14h, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano16m].

Editors
[Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano02b, Ano03h, BB13].

Editorship [Kaa99]. EDOM [ZTQ+20].

EDPEPPS [DZJ+00]. Eds
[vdrR87a, vdrR87c, vdrR87d, DLH+17].

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

Educational
[AD00, MJ00, J0n00, RMM+98]. eduGAIN
[TOS18]. EEG
[AHD+19, AAM+19, CMI+19, De98, JSS+99, KKP+05, WZY+19]. Effect
[FHHM19, PLGMCdF18, Tor04, Bo19, MC20, RWY+18, WWP19, YW+19, Nit86].
Effective
[KV17, PKF14, SCBK+16, BAD+05, CWJ+18b, CC00, CSQ17, DMC+19, DLS+12, GR07, HH11, HCL07, HYC+18, HPLL09, IMM+20, KS18a, KWB19, KK16, LML+19, MFG+14, PRFC16, RT16, SBA+17, SK19, WWH+17, WMX+17, WWH+19, WY17, ZBTC+14]. effectively [LQW+20]. Effectiveness [YZ18, ECPF17a, Man15, PM04]. Effects [JK17, QXZ+19, CN17, GPS+17, HSS00, LRY17, LLS+19, PM14, Yam92].

Efficiency [ZMN99, DDB14, Dua94, FTK17, GLJ19, IDM+16, JLR18, KSSG16, KHG+18, KKvdB+17, KV12, KdGP+19, LSB+18, LPL+16, PLLA18, PR95, RMA+20, SLF+15, SEPV19, Sta17b, SG15, TK18a, THT12, VEET18, WXLY16, ZMS+06, ZTQ+20, vKLA+19]. Efficient [ABB19b, BK97, Ber98, BBL+05, CXL+17, CAP18, CXC+18, DZ08, DLH+17, ELAEAVAM19, FXG+19, FGG13, HFM19, HZL18a, HDLW13, JC08, KCV11, LLYW19, LR01, LKG07, LQK+16, LAL+14, LXX+14, LHO+17, LHFQ19, LLL+19, LNL19, LSTV07, LLM+16, NWMG17, OBG+18, PHL98, PRS+13, PWMX17, PPS+18, PRN14, RM11, SJ14, SL87, SZW+19, TLC+15, TV08, VKK+16, WCH+17, WCH17, XGX20, WXW+17, YZC+19, YHL18, YLY19, YNLY19, YN+20, ZGB+17, ZXJ+14, ZWL+16, ZFS+18, ZWJ+18, ABA09, ABMM18, AMH02, AR15, AQRH+18, ARP14, AHYF19, AS18a, AAM+16, AK18b, AMBC19, BK16, BZ91, BAB12, BS06, BF05, BMH10, Bu18, CMX+16, CRM+16, CP17, CFMC19, CLM+14a, CSJ17, CXL18, DSBC19, D HW+17, DAM08, DVD12, DQLW15, DR18, DNP14, FJ00, GdCP19, GD10, GKS05, GK18, GBF+12, GCZ+19, GNW05, HMI17, HHG05, HXY13, HYS17, HYS18, HLT+19]. efficient [HMP04, IOV+18, JJJH19, JYY+17, JLCC12, JFZL17, KKN18, ECE+19, KKB18, KMT14, KLP19, Kyr19, LBD18, LY17, LY18a, LBM18, LLQS14, LCL+16, LLL+16, LYY+18, LW+19a, LYY+20a, LAL+15, LSYC18, LC01, LC15, LZGX12, LG16b, LCMX16, LWZ18, LLG+20, LFY+19, LHY+20, MSZ+20, MNV12, MPP13, MMF16, MP17, MZD+16, MIL16, MAÇ17, MGLV04, MMRL17, NF07, NP06, NRV+17, NDA+19, NWL17, PP06, PPZ12, PY00, PWY03, PDH18, PLP+19, PPMM+18, PMCP20, PF17, PVBH05, PLL17, QZM+18, QMSG12, Qur19, Ra17, RGSL18, RG04, RCTY19, Rum99, SB14, SC16, SAGL10, SJTN18, SSJ19a, SGJ18, SLS+09, SRN+18, SCBK+16, SK19, SHLB08, SYAL13, SLA+16, SLB+17, SLY+19, TDSH16, TPBS14, Tis07, TM05, VEB13a, VTTK17, VS19, VCD+18, VGD+19, VGC+13, WHMO13, WFC07, WCC14, Wa16, WPJ16, WHYZ18, WHH18, XZL+14, XZL+19, XD17, XLL18b, YPLZ17].
efficient [YYD+14, YZWG18, YTD19, ZGY20, ZQZZ09, ZL13, ZTKF17, ZCL+18, ZZZS18, ZZXL18, ZLL+19, ZYC19, ZXD+19, ZFC17, ZFC18, dTK92, LOJ+07, MPI+18, MRR+20]. Efficiently [ABL04, BRR+04, SSC09, XTF+19, ZZC18, BSE+13, KTO13, LFH+15]. effort [MZX10].
efforts [An084i, GDZ+19]. EFG [YYG+19].

EGEE [FKBG10, VHML10].

EGI
[DRZ+19, SLSS19]. Ego [GPJC17].
eHealth
[FFC+18, PZA18, sGD19].
eID
[FRZ19, SGCC+16].
eigen [CHJ+04].
eigendecompositions [DP03b].
eigenvalue [BV04, Del06, Prz03, SKT+08].
eigenvalues [Am06, CDS03].

EJOB [vdR87e].

EFK [BRB19a].

EKF-MRPL
[BRB19a].

Elastic
[ISS+15, LML+19, MLS001, NF07, BKKM11, CRM+16, CVKB12, CTVB12, CLNR18, FEPC18, GGS13, HvHAS04, LPBB+18, LSJ+14, MQW+14, OS86, SGL+19, UDVdW+18, MTD18, SJ+15].

Elastic-PPQ
[MTD18].

eagility

Enabling [AUSA19, BMH10, BP10, CDH+19, EKGS14, GSPP+19, HGG+14, IJCR19, JRJ+11, KDHP16, KPM+18, LCHW14, Mam09, MGA+19, RJH+09, RHCMG15, TMV+07, TDK+14, TCN+16, WHBC19, WCKW10, YIA17, ZL13, ZLR+15, AZH18, DFR17, ET08, GMEL08, KT08, KPS18, LLAH13, MWC+03, MLD08, PGCM+19, SSK+08, SSLF+10, WDR+19, YCH19]. Enacting [ACC+19b, CAB+18].

Enactment [HMS15, Bal16, JTB15, dFVPShL+14]. encoder [LCL+18]. encoders [RSY+18]. encoding [JLCC12, KP12, TA19, WM18]. encrypted [AHM+18, BGP+17, CDL18, DF97, JLC18, KH18b, LKX+14, NJB19, YXD18, YQZ+19, ZFH+18]. encryption
[AMHJ10, BLL+19, BGP+17, Bro19, CLC+19, CXWT19, DLZ16, DLLZ17, FAA+18, FH13, HQZH14, HZL18a, HFT16, HYS17, HYS18, HYF18, JSMG18, KHMB13, LCP04, LLL+18, LDZW19, LL16, QRW+18, Wan18a, WDZ19, WZCH17, XZP+19, XTZ+19, YWJ+19, YCT15, ZXJ+14, ZDW+16, GMDfPLC17, LAL+15, Sar18a].

End [BGP+17, LOR+18, MGN+16, RHPV17, AHP16, ASAB+18, ATT+20, CWSW14, DJZ+15, GRZ+19, GGC17, JLU03, KT08, LLMP13, LASL16, LIT20, MWL+18b, PssS17, PWP+18, RAA+18, RMB18, Wan18b]. end-devices [Wan18b].

End-to-end [BGP+17, LOR+18, MGN+16, RHPV17, AHP16, ASAB+18, ATT+20, MWL+18b, PssS17, RMB18]. end-user [LASL16, LIT20, RAA+18]. endoscopy [KHO+19]. endpoint [SCP09]. endpoints [ZZXH20]. ENEAGRID [MDA+19].

Energy
[ARSMY19, ADA+19, AS18a, AC18, BAB12, BBC+12, BCDP12, BRB+19b, CP17, DQLW15, DDB14, DMM14, DCMW17, GBF+12, GCC+19, HCHH19, KKVdB+17, KCS14, KV17, KVCY20, LBM18, LGL+17, LYYY18, LYGG20, LYY+20a, LSYC18, LG16b, LB+20, LHY+20, MGT18, MMPF19, NDA+19, OCK14, PLP+19, RGM+19, SYJ+19a, SCY+18, SZW+19, SLY+19, TuIS+19, THT12, URKM19, VEET18, WKC+13, WWZC19, WYD20, WZZ+19, Wu16, WLHH18, XZL+19, ZXJ+20, YZC+19, YYD+14, ZMITT16, ZZLH18, ABAJ20, ABB+03, APC+20, AK18b, AMBC19, BD11a, BD11, BMK+14b, CJ14, CLP+14, DK14, DSB19, DYL+16, DNP14, FTK17, GDS18, GFW+18, GAA19, HCMJ19, HFL+19, HRM20, HLL+17, IPCA+16, JLRS18, JFZL17, JEB18, KANS18, KSF+13, KHG+18, KMT14, KLP19, KKW+14, LTC12, Len16, LN13, LPK17, LPK18, LLQS14, LOR+18, LJGW18, Li18, LCZR12, LZYG12, LCMX16, LPL+16, LIH+19, LLG+20, LFY+19, LYH+19, LCY+19b, MNY+12]. energy
[DPBK16, MC20, MPF+16, Mat18, MZD+16, MFSV19, NSSA+14, NQQL13, PSSP16, PLLA18, PTD+18, PPMM+18, QCY+19, QMSG12, QCD16, Qur19, RYH+19, RCTY19, SHT+16, SB14, SMS14a, SSSJ19a, SL+15, SK19, SG15, TSD18, TDS16, TPBS14, TSGVRS19, TKA18b, VF18, VVC+12, VTTK17, VGC+13, WWC14, WLH16, WCC14, XZZ+14, XDH+17, XZK+20, XDH12, YPLZ17, YJLC20, ZAH+20, ZG19, ZAA+14, ZGY20, ZXD+19, ZAC+18, ZTO+20, ZZ17, dACAM13, vKL+19, DYY+19].

Energy-aware
[ARSMY19, ADA+19, BAB12, BCDP12, DCMW17, LYYY18, LYGG20, PPMM19, WKC+13, ZMITT16, ZZLH18, BMK+14b, HCMJ19, HRM20, JEB18, KANS18, KSF+13, KCS14, LTC12, LPK17, LPK18, NSSA+14, ZAC+18, dACAM13]. energy-balancing [LYH+19].

decycling [QQL13].

Energy-conserving
[QQL13].

Energy-cred [KCS14]. energy-driven
[ZA+14].

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

Energy-Efficient
[SZW+19, YZC+19, CP17, GBF+12, LBM18, LYY+20a, LSYC18, LY+20, PLP+19, SLY+19, Wu16, WLHH18, XZL+19, DNP14, JFZL17, KLP19, LLQS14, LZXG12, LCMX16, LFY+19, PPMM+18, Qur19, RCTY19, SB14, SSSJ19a, SK19, VTTK17, WCC14, XZZ+14, YPLZ17, ZXD+19].

energy-incentivized [BDP11a].

energy-performance [XZK+20].

energy-saving
[CJ14, QCD16].

enforcement
[EKSDN19, Hua10, MG14, MG16, SME+19].

Enforcing [TTH15, LHC03].

engagement
[BDWM17, FTK17, Kim18].

Engine
[BBCN18, Bul16, DLH+17, FPL+19, KGT15, RLR13, SSSJ19b, XLL18b, BG87, PS13].
Engineering
[BLO+18, BZS18, GHD19, Kow85, AC16, AAI17, AMB03, Ano87b, BAP17a, BAP17b, Ben99, Bun03, CTMO06, DFG°00, Hir89, Job02, Kim07b, Kow84, LPL+20, Mai91, Mat89, SK18, dSSCDl19, TY85, Van87b, VVC°03, Zhu14, ZWMC19, SR03].

Engineering-DiffServ [BLO+18].

Englewood [vdR87h].

Enhance [GMB°05, HCL°17, LHX°18, MK19b, NNRA19, RM16].

Enhanced [GMP20, HLL12, SMS14a, VMM20, WDD00, AMN18, ArMS19, AV00, AM19a, BCC°17, CT19a, CSP13, DMPS19, HLW12, KID°16, KKKM17, KKKM18, NV11, PH99, RST°16, RGVGGSSZ14, SLW11, YZ°15, ZZC19].

enhancement [BMU18, CHS11, DZZ°15, DGA18, MYBM18, SVN10b, WYJ°19, ZLT°19].

enhancements [PSVL02, PSJ°12].

Enhancing [ACML°05, AMR18, BAKB19, BHE°19, BBLF05, CWL°18, FM08, IPG°18, KX11, MZL°19, TCH19, VMCM°20, YMW13, ZCLIW18, AGBR19, HYG°19, SMPC12].

enough [BBD°13].

Enriching [KBdLG18, GTM19].

enrichment [KXX19].

enrollment [DEL19].

ENS [BBD°99].

Ensemble [SB18, BMP°16, CMT16, CTU19, LPK17, LPK18, LYS°19, PPLL17, RGAT18, TGB°20, WLI°18].

ensembles [IdAP19, MJDN15].

ensure [CBT°19].

Ensuring [MRD°10, SYQ°19].

Entangled [ADDV16].

Enterprise [ECAt18, AGNJ00, CM01, DDR°07, GLSV07, JAA07, Kino07b, KKL09a, KFC°07, NS07, SSA°19, dVX°11].

enterprise-scale [NS07].

enterprises [YLL°19].

EnterTheGrid [Ano05e].

entities [JLU03, LWZ°19a, NS19, XLZ°14].

detity [BZHV19, LXL°17, WLLF16].

Entropy [EHMS00, OMPSP12, RDAS18, RGGH18, WLZ°14, Fre94].

entropy-based [RGGH18].

Entropy-driven [Fre94].

enumeration [MKK03].

environment [KPS18].

Environment [ADMG20, BKS98, BP94, CWD°08, LSS94, PMS18, YG18, ANA16, ABB°19a, ASTEP98, AJY12, ADT03, ACC°05b, AYHF19, AKB°18a, AAD°13, AK18b, BAJ°19, BJ12, BMRW01, BBBD01, Bar11, BKS°18, BKG05, BPP°07, BDZ13, BBMG10, BCB°07, CLP95, CSC°05, CTT°08a, CCDS08, CCL11, CMI°19, DJZ°15, DCL00, DL19, DJZ°00, DW11, Dho20, DRS°97, DMZ09, DT93, DL00, DR18, DCC13, DGDl15, EK11, EHT°10, EMB98, EPJ°05, EA17, FMSS12, FHZW18, FJ00, FS19, GEN20, GR96, GGW°09, GCK18, GAI°18, HJS°99, HCK20a, HCK20b, HKP10, IMSV90, JPB17, JLI°13, JOSD19, KDFl99, KVZ°18, KBP°03, KPA17, KKL09b, KPK19, Kos95, KKP00, KTTK17, KCL18, LKFO9, LLC11, LLIW13, LL18, LTTL19, LIY10, LMT0a, LG°07, LSF°94, MCSS00, MSKT07, MRT°19, MSBA16, MVT°99, MVG°14, MTH°05, MSX00, MRS18b, NGCB20, NRV°17, NHH°19, OS92].

environment [PP10, PNF°12, PP07, PSA°09, POJ°16, DLMS15, PPAK99, PHM°99, PA01b, PBB°05, QZD°18, RGAT18, RYH°19, RL98, RMM°98, RPA°18, RGVGGSSZ14, RM11, SV16, SLTK19, SDWS13, SOR05, SSKF95, SMK05, STA17a, SSI19, SGB°18, SPCL04, SYQ°19, TCC18, TZZL18, TMB°19, VSP°14, VKT°19, WCHL10, WLY19, WYS20, WDD00, WB90, XZW°19, XWJZyF19, YLN15, YM00, ZZJY16, ZCZ°18, ZZZL°10, ZS05b, dFBD°17, BCF°10, DGS09, FMD99, LWW°13].

Environmental

[BBWB°18, BBRS16, GRL11, PPSW°14, RRHK15, VDK12, WTP°13].

Environments

[ACC°19c, BB17, CCMGF18, CDH°19,
BBT19, BGL+05, OA17, RMJ+18, VK17.

**Evaluation**

[Bal93, BY93, BDM+20, BP94, CGN18, CG09, CY19, CPP16, CW93, FK12, GSD95, GL19, HRJ+04, KVV+18, LSB9, MG19, SS17, XKK+20, YDN+16, AB19a, ABG+19, AMAY+19, ADK+06, AZO+19, AEM10, BG14, BBD+01, BARMB14, BDZ+13, dMB+SC20, BMU18, BS99, aCKPM19, CCRV13, CHS+18, DSS98, Din99, FS93, GS13, GEAR13, GOLL19, HD05, JAAB+16, JW14, JFZJ17, KSY92, KM04, LCP04, LN04, LB09, LSD+17, LW19, LZL+19a, MZC10, MSK+03, MJ03, MOK06, NP06, Nis93, OP97, Par04, RPMG10, Shi04, SHH+19, SSMG95, TDL17, VVB11, VRS+19, WGL92, WW+14, YJ03, ZMP10, ZWD18, ZXZL18, ZY90, ZGC+00, dSK+19, dOOO+13]. **evaluations**

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

**Event**

[HC16, LJ7a, MLW+18, ML17, NJH+18, ZSP17, AHYF19, AB+03, BK11, BMP+16, FTT17, GKLZ05, HMP04, JSZ+18, KNI+18, KAP19, KZCW13, KN06, L20, LLG+16, LXY91, LCC18, MWQ+14, NJ17, NJ19, ONHT89, PQBP17, PKB19, She00, SGL+20, TC+16, VETT16, WHM13]. **Event-Based**

[ML17, KN06, LXY91, PQBP17].

**Event-driven**

[NJH+18, ONHT89, VETT16]. **events**

[AMPS19, Ano96a, DdM10, KBD+18, KAS+18, LC13, NHH+19, RT06, XWL+15]. **eventsensational** [Ano96b]. **Evidence**

[AJ19, CPE+17, WW11, WQZ19, ZGZ+10, ZDL+19, TDL20]. **evidence-based**

[WW11]. **evidences** [ACM19]. **eVLBI**

[SHJS+10]. **Evolution**

[CSV+12, DDD+19, JGB19, JCSS01, BPLR+20, DFL017, Dub91, DMN+05, EL98, GVB17, HZL18b, HCX+19, JLL95, KKS18b, KS18c, LW18, LQW20, LO19, Moo99, RGVVGSSZ14, RS99, TM19, WZL18]. **Evolution-based**

[DD+19, JCSS01]. **Evolutionary**

[KOT18, LFL+17, RCMT18, dCTVC18, ACM+05, EL98, GKT+15, GLJ+19, HMO+20, Hen87, IT20, JGFB18, JC09, LG08, LW+18, MDB+18a, MCA+18, NF13, NOS98, OVD+98, PKB19, ST20, SG13, TDPF+17, WCY+20]. **evolutive** [DLD+16].

**evolvement** [Kyr19]. **Evolving**

[DSC+18, EL98, LW+14, LW+19, LR+17, SISG+18, KZ+19, NAD+18, SW99, SLB+17, TAI+17]. **EWSL** [Ano86h]. **exact**

[CSdCM20, HHG05, RB05].

**Examination**

[ZMS+06, AB+03]. **examine**

[RDA+18]. **Examine**

[NZOCJ+19]. **example** [DFS+99, KA88]. **examples**

[GJS+94, TVH96]. **exams**

[CND+19]. **Exascale**

[DBD+14, Eng14, FBS18, DYG+16]. **exceptions**

[GGD+10]. **exchange**

[A92, AHL+11, GP05, OPT+17, QG20, TSLC17, WWW+16, ZAI3, ZW+18, KGdL11, LSH+11]. **exchanges**

[CKP+19]. **excited**

[REM04]. **exclusion** [Bag19]. **exclusive**

[CXC+18, FLT17, WDZ19].

**executables** [AD18]. **execute**

[CTF+99]. **executed**

[HL+L97]. **Executing**

[WS05, CCL11, KTTK+17, TKA+18, TVB18].

**Execution**

[ABF93, CM01, CBK+17, ANG+19, ATF11, AEK+18, AKPN01, AR98, BBD+01, BKSS+02, BFC+13, CLRL17, CLC11, CSZ+13, CY90, DJZ+15, DGdL15, DOP90, EHT01, FX07, GR96, GMEL08, GL04b, HMM18, KP00, KS18a, KHG+13, KC14, KuR+18, KN10, KDG+19, KGT15, LAL+14, IWS+12, MTN08, MMRL17, NF13, OP95, Pa09, Pa+12, PAB+14, DLS+14, PKB19, QCY+17, RBC+15, SV16, SHP+16, SPdSR+17, SM01b, SLC+17, SSSJ+19, TZS14, TM11, dWD+18, ZT90, ZT91, ZZC19, ZZL+10]. **executions**

[CRV+15, CDS+15, HHD+12]. **EXEHDA**

[dSMA+17]. **exhibits**

[VPA+18].

**exhibit**

[BCP18]. **existing** [BP94, DGY+18, GJS+94, Hab05, KY85, MFG+14]. **exome**

[CXM+16]. **Expanded** [Sha16].
Expanding [CGCB+12, SZG+19].

expansion [DZLA19, LSCL19, MLL15].

expectations [Nis93]. Experience
[BHH+93, CR92, HXL+18, Oku92, SHS+19, AKB18b, GTCZG+18, KKP19, Luk89, QLM+18, RvdSB+03, RRS99, SSST17, SHH+19, TBB+17, XFM16, YJA03, dSGD19].

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

Experiment
[DGSO9, BRNR15, JCA+19, MDOO+17].

Experimental
[GGH+03, LW+18, CTT13, CPMG19, DCBF19, IAM+18, MLC+11].

experimentation [CPGBC16, GTSAR+14].

experimentations [VRGR16].

Experiments
[Hey90, PEG05, Vre88, Vre89, BPP+07, GL04a, GCV+14, MCS00, MGH+05, MVT+99, MMVS19, PBC+16, PBC+17, PKSC02, dOWdAS+18, YA02, CN92].

Expert
[CAS+18, Coo86, Hir89, Van87a, vdR86a, Ano87m, BT93, DFT92, DW87, DBS14, EO86, Gil85a, Han89, Hen87, Koma89a, Mar86, Mat89, Miza89a, OS92, Par87, Pud87, Ste85, Tak89a, Tak89b, VM93, WGM15, WYN+90, Yam89, YWA+89, Zem86, vdR87f, vdR87d].

expertise
[DKKKF18, KZA+18, ORPPG20, SG17, Zad87].

explain [NZOCJ+19]. explicit
[HV92, KW20, MWPVB12, TSO15, XLZ+14].

exploitation [KLM+05, SK12].

Exploiting
[AM17, BCF16, CGIP14, CSL17, CLP+14, JZL+20, Joh89, MPP13, NSO12, PQBP17, RGN+18, WC14, Zha93, ADK+09, CCJ16, CPSRG14, HCC+14, HDO16, HMZ18, KAS+18, RG04, VVC+12, XFJ+19, ZS90].

Exploration
[BBB+19, BKS98, BMP+16, DDB+19, IM+20, RTHB17, RLRC13, SGRT19, ZIOT+20]. explorations [SSC09].

Exploratory
[CFM17, Tak05]. explore [dSMA热水器+17].

Exploring
[ABdLLO5, BFP18, DRZ+19, HBN+13, LB03, LWF+17, MKS18, PAL+19, SSW+19, YZW+18, ZTC20, AMBO3, LCY19a, SNC18].

Exponential
[EL03, WSL+19].

exponentiation [WSQ+16]. exponents
[DE03]. Exposing
[CGL15, BBW08].

exposure [WG13, XYML19]. Express
[WKF03]. Expression [Ref87]. Expressive
[Par90, Avg00, SCZ+14]. extend [MK19b].

Extended
[ZYXL05, AC92, DDV92, SCL14, ZGG+10, ZWML18, dB90]. Extending
[BDP11b, CS96, LWT18, GRLDL16, SY04, Ste92, TKTG19, KSC+19, TG04].

Extensible
[MEW+19, SB19b, BMRR01, GB09, LKN+13]. Extension
[GSY+19, GPA96, SPK+07, VKK14, ZWX19, ZXJ+14, ZWL+16]. extensions
[TMJH19].

External
[LYZC15, BAKB19, CN17, LQK+16, MFT+17, NHH+19].

Extraction
[ASY+18, Cha11, GKI05, GWC+16, HZW19, HWT12, HAAR+19, MDMMNS+19, PRW14, WM07]. Extractive
[CZ19]. extrema [PSS+18]. Extreme
[AMPS19, FRB+14, GMH20, KNI+18, LJW+19b, WTG+19, dSFP+17, TKRA14].

Extreme-scale
[FRB+14, dSFP+17]. eye
[KCC18, MKS18]. Eyetracking
[PKA19].

Eyetracking-based
[PKA19].

F
[KK19, Tab86, Zem86, vdR87g, vdR87].

F-DAD
[KK19].

FaaS
[ABAJ20].

fabrication
[SKT02].

Face
[BGVD11, GB99, LKN+18, XLL18b].

Facial
[GVdBdL15, SHJ06, XLL18b].

Facilitating
[GVdBdL15, SHJ06, XLL18b].

Factor
[AMSPL19, ADKS06, ED19, HDH+18, LWD+14, LNK+18, LW19, LZW19, RSJ+14, WLS+18, YPK+20].

Factorization
[GGMS18, MvdV01, WTS14, WYL+18, ZCH+17]. factors
FACTS [CZ14], FAIL [HTV07], failover [AS19b].

Fault [SSS19a, BMR15, DCF19, DNW19, HWS07, LPMY18, LJGW18, MSI12, NLLC19, RRU18, YIA17, vdR93a].

Failure-aware [SSS19a, YIA17]. failures [BDNP13, DLW07, GJY18, HA19, JS13, RAARP19].

Fair [CA15b, HCW18, JHH19, WWW16, YZ12, GSGPP19, WXYL15]. Fair-Play [WXYL15]. fairness [KV09], fairshare [OEE13], false [LY17], FAM [KKYK04].

families [ZXM19]. family [GGS13, MCG15, SLW11]. FAMOUS [KKA18]. FAN [CG09], far [BBJ106].

far/near [BBJ106]. farm [BFLL99, Bro92]. farming [KK16]. farms [MD12, NP03].

farthest [FJ18]. Fast [BLAN16, DSK14, GGN17, GEAR13, HYS04, IMM12, LGP19, MH19, Pan95b, SSK19, SO98, WLP10, XKB18, ZFY18, BM00, CHWW13, DST14, FLT17, HIA18c, JFZL17, KKH01, KHM13, LSZ16, LPY18, LLL19, LCC13, LN94, NS17b, RRU18, VBLS09, WWD14, YIA17, ZA14, MDA19].

FastDesk [SWW18]. Faster [BRMN04]. fat [WWQ18]. fat-true [WWQ18].

Fault [AFP07, DK14, GCV14, LAM07, LYW16, PCBD99, PRF02, SE19, SAPA17, Xia06, AMH02, ASTE08, AFB10, AGKZ18, AMR18, B08, CLZ18, Cxz19, CcdCD07, CY12, CCL11, DZZ15, FD02, GdVC01, Han89, HTV07, KA08, KYPJ20, KL02, LCBF13, LHB05, LST07, LS01, LS08, PYY03, PIP18a, RWZ19, SG05, SPR10, Snz89, THKG98, WWSL19, WDR19, WHCW19]. fault-prone [AGKZ18]. Fault-Tolerance [PCBD99, CcdCD07, WDR19].

Fault-tolerant [DK14, GCV14, LAM07, LYW16, Xia06, AMH20, AFB10, Cxz19, DZZ15, LCBF13, LHB95, LS01, LS08, PYY03, RWZ19, SPR10, THKG98, WHCW19].

Fault-Tolerance [BM00, CHWW13, DST14, FLT17, HIA18c, JFZL17, KKH01, KHM13, LSZ16, LPY18, LLL19, LCC13, LN94, NS17b, RRU18, VBLS09, WWD14, YIA17, ZA14, MDA19].

Faster [BRMN04]. fat [WWQ18]. fast-true [WWQ18].

Fault [AFP07, DK14, GCV14, LAM07, LYW16, PCBD99, PRF02, SE19, SAPA17, Xia06, AMH02, ASTE08, AFB10, AGKZ18, AMR18, B08, CLZ18, Cxz19, CcdCD07, CY12, CCL11, DZZ15, FD02, GdVC01, Han89, HTV07, KA08, KYPJ20, KL02, LCBF13, LHB05, LST07, LS01, LS08, PYY03, PIP18a, RWZ19, SG05, SPR10, Snz89, THKG98, WWSL19, WDR19, WHCW19]. fault-prone [AGKZ18]. Fault-Tolerance [PCBD99, CcdCD07, WDR19].

Fault-tolerant [DK14, GCV14, LAM07, LYW16, Xia06, AMH02, AFB10, Cxz19, DZZ15, LCBF13, LHB95, LS01, LS08, PYY03, RWZ19, SPR10, THKG98, WHCW19].

Fault-BAC [YWW19], FCA [BCD+19].

FCA-based [BCD+19], FCI [HTV07].

FCM [GGN17], FCN [FC09], FDE [KKB19], FDMS [BQ120], FDMSs [BQ120]. fear [MGA18], Feasibility [AKW90a, OMPSP+19, AKW90b].

FEATHERS [BAK19]. Feature [MWQ19, SLD+18, USA19, AAM19, BM00, CZY19, Cha11, CM19, CWUS19, DH16, FTK14, GLC19, GDEBC20, GNGG17, HZGW19, LLZ19, LX19, JLS19, JLQZ18, KP18, LLL12, LPL16, LHY19, MBB11, MdMMN19, MZY19, MDD10, MGA18, MBA19, NK18, NNV20, PCC18, PSS18, PDS19, QCZh19, ST20, SGL18, dSSCdL19, SK06, WM07]. Feature-based [MWQ19, LHY19, PDL19]. Features [NS17b, AMBB18, AKP18, AGA18, BLMU19, CPP18, CAL+18, DGT09, FNA12, GAFFO12, H002, KHO19, KGW95, LCY19, LYX14, LZL19b, SLL19a, TG1120, WLZ14, XPL19, YXY18, YGY19]. featuring [LLH03].

February [Ano20g]. FEC [EBCP18].

Federate [BCF10], CYLT05]. Federated [BR10, DRZ19, SVC07, APAZ17, AK14, CFVP12, dCCDF015, CG10, GCV14, HFM19, PP10, PBB13, FPRC16, PPL15, SLB17, SLZ18, ZZDM18, EH10, LHL09, Lea13, Lea15, T08].

Federate [FMN17], VHML10, CCO10, FLPP05, HM020, KBB16, RHB08, TOS18, YNSM12, CCM14]. federations [ER13, FRZ19, MLM16, MPR16, PVGD19, RMHM17].

feedback [KO11]. FEM [BBJ106, GNOY10, LF95b]. FEM/FVM
FENNEL [SLG+17]. Fermat [WTS14]. fetch [GTMZ17]. fetching [SR12]. few [Amo06, DE03]. FGCS [CRW+16, GVTdL18, Mes02, Nis93, PC18b, SVZ19, Ser95]. FHE [MS19]. FHE-based [MS19]. Fi [AKM18, DCBF19, KWB19, SLS10]. Fiber [HICÄFM+06, WXZ+18a]. fibrillation [ Wan20]. fidelity [LBD+19]. field [BBJ+06, CGIP14, HPP+18, KS17a, LZH+18, LU+18, PoLS+99, SZ98, SMC18, TSTL16]. fields [MJ98]. Fifth [Her84, HV84, TR85, Ais88, Fur92, Lin84, vdR86b, Ano86i, FS93, KI89, Sti93, vdR93a, vdR93b]. fight [WZH+18]. File [AHEM17, KLSS05, ACC+05b, Dag09, DLXR14, GCCC+07, GDO5, GTMZ17, KO11, Li15, MLG13, MM08, MFL18, MM18, MMLO18, PCG+06, SPK+07, SYQ+19, USK16, UdWdV+18, WX02, WLP10, WZS+18, YCY10, YSC+15, ZSX+15, MBC+11]. File-based [KLSS05]. file-sharing [MM08]. files [LLF+18a, SCY01]. filesystem [MCQ+07, ZYZ+18]. filling [SW05]. filter [GCTLA+19, HAA+16, HIA+18c, JYZ+18, LIW+19a, NUPA19, RSB20, SGB+18, TM05, WLL+19a, WC14]. filter-bank [NUPA19]. filter-wraper [HIA+18c]. Filtering [KMC18, LZY+19b, CLAL19, DCC13, EAA16, GCD+18, GDA18, KKB18, LCL+16, LCW+18, LQLX10, MG19, MVG18, P QB17, PCB99, RW18, TQL+19, ZRZ+14]. Filters [ML17, LLYW19, ZL13]. FIM [HDH+18]. financial [BS04, Par94]. financial [AMI16, KBTT20, Kea93, K1K14, PKP19, QGT+18, TMTY05, WGC19]. find [BGRBA19]. Finding [BBH18, CSdCM+17, LXM+18, LG18, DvdHGdL09]. Findings [WBMP99]. Fine [SJ18, AMBB18, CZZ+18, JLY+18, JZL+20, JHV+20, LCL+18, LZLL18b, LC03, LHZY19, MLW+18a, VVB11, WWH+19, WC14, XTL+19, XYML19, YAX+18, ZMP10, ZSL+19b]. fine-grain [WC14]. fine-grained [AMBB18, CZZ+18, JLY+18, JZL+20, JHV+20, LZLL18b, LC03, LHZY19, MLW+18a, VVB11, WWH+19, XTL+19, XYML19, YAX+18, ZMP10, ZSL+19b]. fine-tuning [LCL+18]. finer [ZFS+18]. finer-grained [ZFS+18]. finger [LWF+17]. Fingerprint [MPH00, GAFFOG12, LZL+12]. fingerprinting [KP18, RS17b]. Finite [Tab06, XWW19, AO06, BVDFO0, CS93, LDS06, SW05, Tho06, WAE06]. Finite-State-Machine [XWW19]. FinTech [LLW+19a, MZL+19, NAC19]. FIPIP [JLY+18]. fire [ACML05]. firefly [LZWF19]. firewall [HCNT14]. First [Gii94, SLZ95, BT93, Che13a, GTCZG+18, HRR+06, Par87, WRBG94, SO98]. First-principles [Gii94, WRBG94]. Fisher [CLY14, HLL12]. FitCNN [LYL+19]. Fitness [JGB19, CZL+18b]. fitting [CLC11, MK19a]. five [Bal92, Van87b]. Fixed [Fio06, CFVP03, LZL+12]. fixed-length [LZL+12]. Fixed-point [Fio06]. fixture [LSW+19]. Flame [VETT16]. Flame-MR [VETT16]. flash [DLZ+14, LPK17, LPK18, SCH+19]. flash-based [SCH+19]. flash-flood [LPK17, LPK18]. Flat [OCCK14, WLD+20]. fleet [ODV98]. flexibility [CAB+18]. Flexible [CRC13, LCBF13, MLW+18b, YXZG18a, dKdS03, AHP+16, BZMY10, BBW08, Bar11, BLRS98, DKJ19, FTD17, HLL+11, IG12, LTC+19, NOF18, PCG+06, PKSC02, RPH19, SGS+18, TMP15, WCL+17a, WDZ19, YCXW18, ZAB15, ZFH+18, tTvH96]. Flight [JCA+19]. Floating [FGF03, DMD+19, KXS+16]. flocculation [vOB95]. flock [ELvD+96]. flood [LPK17, LPK18]. floor [DDV92]. Flow [Ama88, Ama89, BKS98, BDNN02, SCP09, WMN+01, ABMESM18, AB20, AKH+04, dMBpSD20, CT19a, CT19b, CAL+18, CH95, ED04, FM10b, GKS05, GS15, GY90,
[ABF]+15a. **FPGAs** [CJC19, JCP+20].

**FPM** [Czw14]. **FPMIPv6**

[GSY+19, GSY+19]. **fractal**

[IAK14, NCS04]. **fraction** [Wts14].

**Fractional** [BWR12, BW13]. **fractures**

[RBGA18, WWP19]. **fragmentation**

[MSE19]. **Fragmented**

[Mv17, CC07, CCS+10, FdAGdAV19].

**Fragmented-Iterated** [ML17]. **frame**

[JLY+18, KTM+08, LYS12]. **Framework**

[Acc+19a, ABTA18, GTE+17, KV17, MK19a, Mpi+18, MZZ20, MMa10, SdR99, SDK19, WWV17, Yaa+19, ABM18, ABM18, ABM18, AB19a, ABGM19, ABM19, AAF18, AK19, ASAB+18, AT18a, AAS17, AB18b, ASA19, Bvd19, BBW08, BAKB19, BFL99, BORM07, BBT19, BGS+19, BOP+14, BDM+20, Boa04, BAD+05, BDH14, CCL19, CTV19, CPGdS+13, CMEA+19, CWD04, CSW06, Cba15, CKR16, CCLS09, CCS+10, CFFC17, CCDP19, CGM+18, DCS+07, DPP03, DMMP16, DPS16, DLI+19, EAA16, EV96, FTA+14, FHYH15, FJA+18, FPGK18, FvLTT98, FB03, GVB13, GGC17, GR96, GP0k, GANC19, GVD1L15, GMP20, GMP+17, GIK18, GBJ18, HAP15, HK18, HES19, HAF00, HMA+18a, HLL+11, HXC+18, HAA+16, HIA+8c, HPL+19, HCK20b, IFD+19, ISS+15, JCP+20, JSZ+19, KBBT20, KOM+20, KSF+13, KC14, KSS19, KFF89, KH19, KPA17]. **framework**

[KaRAk+18, KI19, K19, KV09, KAS+18, KGLY18, LS07a, LS07b, Lao01, LJO7, LQK+16, LKJ+19, LSN+20, LFF+18b, LYF22, LM07, LyW14, LLM+16, LSL+18, LLY+19, LKK+16, LJS+14, LQF19, LS08, LWZ+19b, MML+18, MNV12, M16, M111, MML018, NK15, NJ18, NZQ07, NJ16, NOF18, NAA19, NAM+19, OK02, Os19, OE13, PBV+13, PADD03, PLCG11, PF01, PB05, PMCP20, PSW+19, Pmt10, PVBH05, PSS01, PcfP+17, QPO8, Qur19, RBA17, RSRA18, RAdARP19, SME+19, ST20, SRTD15, SMPC12, SYJ+19a, SA14, SBD+18, SLIC19, SMSF18, SAK+10, SG14, SDC11, SYW17, SGS+18, SB05, SBBK18, SYAL13, SLB+17, SDH+19, SJA19, TBO20, TSL+18, TY11, Ven09, VK17, VWD+08, WLLF16, WMQ+16, WLAC20, dOWdAS+18, WLA18b, W13, WHYZ17, WHYZ18, XFL16, XRZ19, YMLT13, YSC+19, YD05, YPHZ14, YCZJ18, ZSX+15, ZCK+15, ZYT15, ZMN19, ZQQ+13, dNE05, AW03].

**frameworks**

[BDP11a, DJ13, EET18, HHZ+14, IAM+18, MGT18, Pap05, VEET18]. **France** [Zna94]. **Fraud** [AAC+19, CLS+19b, GFM+20, LPL+20, SC19, ZHH+18]. **FRDT** [Kk11].

**Free** [An0861, An087b, An087c, An087l, KTB18, Zad87, BS04, KBB18, BB99, BB06, CWL+18, CM003, CWW+16, ED19, FZW+18, GWW+19, LTC12, LZL18a, LGP+19, LTC+19, LL16, LGMV02, PWA+19, Ray05, SMM+14, TJ18, WSU+10, YLL18]. **Free-boundary** [BS04]. **Free-riding**

[WSU+10]. **frequency**

[AQB15, CP06, CJJH13, IPCA+16, KANS18, KWB19, MC00]. **Frequent**

[CBP19b, ÇO13, CLM14b, IHA18, KZC13, LY17, LC15, LHW+18]. **fresh** [GWC+16].

**Freshness** [JZJ+18]. **FRICTION** [Ned06].

**Friend** [MML+18]. **friendly**

[AAB+19a, KuRAk+18, KBB+09, KLW+16, WHZ19].

**Frog** [LCW+18]. **Front** [GRZ+19, LLMP13].

**Front-end** [GRZ+19, LLMP13]. **fronthaul**

[YY20]. **Frontier**

[KPG19, GML+13, TST+14]. **FRP**

[RU+18]. **FRUIT** [HPZL18]. **fruits**

[HA18b]. **FTA** [VR00]. **FTL** [PLZX19].

**Fujitsu** [Uch98]. **FULL** [JZJ+18, AC92].

**FRONTIER** [JZJ+18, AC92].

**FULLERENES** [She04]. **fully**

[CCL11, HKS18, IST04, TY11, ZKX+14].

**Function** [Vv92, YWJ+19, MC19, Nk05, Omo91].

**fully**

[CCL11, HKS18, IST04, TY11, ZKX+14].

**Function** [Vv92, YWJ+19, MC19, Nk05, Omo91].

**Fully**

[Omo91, SLL+18, SLY+19, WGW+20, WLXZ18, ZSL+19a, ZBBZ19].
[CGH04]. gel-based [CGH04]. GEMMA [BPP+07]. GEMS [WBT+08]. Gen [MR04b]. GenApp [SB19b]. gender [CPW19, RSY+18]. Gene [STP+05, DNM+05, MSF+16, TBD+02, YWG+19, YPJ19, KVBH14]. Gene/Q [KVH14]. Gener [AB19a, BFS+17a, Cha14b, HYS18, KSM+07a, NDZ+18a, NDZ+19]. General [CJXX19, HHG05, SL97, Zna94, AKW90b, BRNR15, FWB13a, GXW+19, HQZH14, LLI+19, LDSH95, PCC18, ST20, VVB11, WJZ+17, WHP09]. general-purpose [AKW90b, BRNR15], generalizable [LvW14]. generalization [WWZZ18]. Generalized [KY04, BCDv+19, IS03, MvdV01, PSLZ18, SKT+08, SA97]. Generalizing [PPH+19]. generated [AHL11, DGGH11, HHG05, HHXL13, LZP+18, LJ19b, P000, RTHB17, SK18, ZHL+18]. Generating [GKS05, JWJW14, TSZP99, DK00]. Generation [BDF+99, ChK11, DO15, HYZS16, Her84, HV84, Kow85, KISO, LJ17a, NHG03, Skol06a, Skol06b, St93, vdr93b, Ais88, Ano06i, BDP11a, BP02, BGC19b, CXXJ19, C5zG+13, DCMB15, DDS+09, DQXW19, DR05, Fur92, GLM+12, GDMG98, GMDPFLC17, GZ04, HCX+19, HJK+04, KVR15, KHMB13, Kim07a, Kow84, Lin84, MWC+03, MYBMM18, MVL18b, MR19, NDZ+18a, NDZ+18b, NDZ+19, OMPSP+19, PO00, PJD013, Par87, PFMC04, SB19b, S8t85, TDL05, TR85, VB18, WYN+90, YCZJ18, ZCZ+18, ZNC+18, ZGCM00, dIVGSB+20, vdr986b, vdr93a, FS93]. generator [Tan02b]. generators [BRNR18]. GeneRecon [MPB+07]. generic [BCW01, DVVD02, DSPA18, FK11, GD10, GdLVoT03, LK+16, MRT+19, SMSF18, TKA+18a, TCN+14, Tis07, WMC19]. GENESIS [RG04]. Genetic [JGB19, LOJ+07, PMK18, ATF11, AT01, ACCD17, BRL19, CPK05, CFG93, DP20, DC19, DNM+05, DSCJ18, GRH05, GODM98, GdVC10, HMO+20, ISS+15, KKP+05, KX11, LLYQ06, LLWN04, LS01, MGA+18, MRN19, PC18a, SF19, TMT+07, WYBS11, WLQ10, ZRZL18, ZLG+14, SM01]. genetic-based [KX11, LS01]. GENIUS [ABF+03]. genome [SSL+09]. genomic [JHC10, LHW+19a, Sin07, SBA+17]. genomics [CJPC19, ODOD+13]. genotype [MS03]. Genotypes [JGB19]. geo [KB18, KKBK19, MPC+18, WLA18b, XWZ+19, ZBF14, DWJM18, YMY+17]. geo-collaborative [ZBF14]. geo-crowdsourcing [WLA18b]. geo-distributed [KB18, KKBK19, XWZ+19, YMY+17]. Geo-QTI [DWJM18]. geo-replication [MPC+18]. Geocomputation [XJ04]. geodesic [DE03]. geodynamics [BN06]. geoenvironmental [CTMO06]. GeoFEM [GNOY01]. geographic [CES+19, DWJM18, LC17]. geographical [CLSL17, MBV+15]. geographically [AGJN00, ZB19]. geological [XSM04]. geomechanical [WAE06]. geomechanics [BN06, HND06]. Geometric [DP03a, PdLS+99, SHL+19a]. Geometrical [SNX17]. Geometries [BK09]. 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]. gestures [CRRC18]. getting [PECA19]. GFI1 [KB02]. GHolo [BDGY05]. giga [PKD10, PKD10]. giga-pixel [PDK10]. Giga-stack [PDK10]. Gigabit [MGH+05, KDHP16, GGH+05, HJCD05, WTC+02]. Giganet [HO02]. Gill [A5087c]. GIS [FCD+14, LJN04, LD04, TG04, WZJ19b]. GISs [LZXW13]. Givens [DV03]. Giving [GTSAR+14, GTCSZ+18, IG12]. GJM
Global [LLH+03, MWYC12, MLC+20, PdLS+99, SWCP03, WKZ+03, BOWD+19, CLL18b, DR03, Dzw97, ESFD06, GJ18, GCCC+07, LSAM13, LdPMCT19, MLC+13, NSS99, PSJ+12, RRB10, STH+98, Shi92, SCAN+19, SBDL09, UWV92, LdJ+06, LNK+18, SBDl06]. global-bus [UVW92].
globally [GS05]. Globus [BMFC07, CLM+16, FK99, LC05].
Globus-based [BMFC07]. GLORIAD [JHL+06]. glottal [YXY18]. GLR [LH20].
GMA [WNR19]. GMBS [KK10a]. GMonE [MSM+13]. GMPLS [Pal06, THN+06].
GMPLS-based [Pal06]. GMRES [BB04].
Go [CDH+19]. good [OPMSP20, SOA17].
goods [MEBA12]. Google [PS13].
GoSharing [LWZ+19b]. gossip [AMRM18].
Gossiping [Fel13, ECPF17a]. gouty [YTQ19].
governance [BDH14].
Governing [IPCA+16]. Government [LLW+18b, SDK19, Nag86a, WLA18b].
governmental [PSY+19]. governors [KANS18]. GPaaS [HB19].
GPGPU [OSC14, ZXL+18]. GPOS [JK17]. GPS [HYS04].
GPU [ADH+16, CDG+14, CPSD18, CSdCM+17, CSP13, DNJG17, HSP+13, KDPH16, LZX16, MAPA19, RBJ+13, VD16, WMQ+16, vW19].
GPU-accelerated [HSP+13, LZX16].
GPU-based [MAPA19]. GPUs [CJPC19, CCZ+19, KW20, RNR18, vWMB514].
GRADE [FK11, KDFL99, KKS08, WDD00].
gradient [Cro95, LMCSE19, LMCSE20, MWL18a, RJS+19, Ven08]. gradient-based [Ven08].
GrADS [YD05]. Graduate [HY03]. Grain [Vre88, HV92, Vre89, WC14].
grained [AMBB18, CZZ+18, JLY+18, JZL+20, JHV+20, LZL18b, LC03, LZHY19, MILW+18a, SGL+20, SJ18, TKK+14, VVBI11, WWH+19, XTL+19, XYML19, YAX+18, ZMP10, ZFS+18, ZSL+19b].
GrAL [Ber06]. gram [ZXM+19]. grammar [HK88]. grammars [BM00, Hal88, Rus90b].
Granary [YZW14]. Grand [Hol89, Hol89, Wil89, Rho89].
Granularity [ABF93, AR98, MVC+13]. GRAPE [CLP95].
Graph [KB00, MFC+19, VSDD13, Vre88, Adl14, AB18a, AB20, ADLM18, BGC+19a, BK97, BHH90, Buc05a, CWDJ19, CWJ16, CWJ+18b, CGM+18, DL04, GEN20, Gut00, HO17, HB19, HDH+18, kHs2wJW18, HZ19, JHC18, JLD+19, KSAOK87, LSN+20, LWXY19, LDCZ20, LH20, NS17a, NJ19, NS19, QCZH19, RSV90, SLG+17, SMM+14, SZO+20, Vre89, WWH+19, HB19, KWR+13].
Graph-based [MFC+19, Gut00, HO17, LH20, SMM+14].
graph-regularization [QCZH19].
graphical [BFL99, KDFL99, MZL+19, SSKF95].
Graphics [LM90b, GXW+19, Iglo4a, MJ00, SLDK03, SW06, TDL05]. graphs [BR19, BKB18a, DCMB15, DFKKF18, GRMSOG18, JWW14, KKI14, LYW+19, LSG18, LL18, MG11, MAQ+20, Nag16, Sap88, SCC20, WWG+19b, vdLLE19].
GRASP [PFRC16]. GRASP-based [PFRC16]. gravitating [KMN+05].
Gravitational [CT19b, Fin99].
gravitational-wave [Fin99].
grey [CZG+18, GDAS18]. gray-box [CZG+18].
GRB [ACE02]. GRB-GSIFTP [ACE02].
GREEDY [KDFL99].
GREEDY [KDFL99].
grid [CR15, KJFS12, NNLH18, YZZC19, DWS12, GCZ+19, HCHH19, LLW+12a, LJL12, MMPF19, TuS+19, WYD20, WCC14, YLHJ14, ZGY20, BMM+14a, ZSH12].
greener [DKK+13, VTTK17].
Greening [GFW+18].
GREIC [FNA11]. GREMLIN [Höf03].
grey [CT19a]. GREYC [AGBR19].
GREYC-Hashing [AGBR19].
Grid [AJ15a, AJY12, AJY15b, AC10, BB13,
CMA11, CPGB16, CC11, CF09, CCM+14, JY15, KCH+13, KSM+07a, MFE+08, MJRM16, NJ16, PAC+17, SGH+08, TJLT00, VBP03, Zhu07, Aba06b, AMN18, AOIS10, AGB02, AAB+07, ASW11, AT18b, ATA19, AAQ+19, AG05, AMT+12, AEM10, AH11, BGL08, BdcYG05, BBG+05, BBLP05, BCC+17, BGH+03, BS04, BGL+05, BMH10, BX04, BGK+05, BCB+07, CSV+12, CTT02, CDF+05, CGT07, CS05, CCLS09, CLL+14, CFD+20, CPSR14, CCCT14, DLW07, DHB02, DST10, DW11, DMS+08, DSS07, DLS+12, EK11, EMM12, FG18, FK12, FMSSM12, FQBCF15, FPS10, FMS08b, GRH05, GHWZ94, GD10, GSV+10, GMB+05, GLM+08, GP09, GFW+18, HWS07, HZC+08, HB08, HY09, HAP11, HCL07, HHW11, HML09, HMP04, ISS+15, KKS08, KTV03, KVR15, KZ17, KA08, KIS11, KCK16, KC11, grid [KV12, KB09a, KKL11, LLC11, LY10, LXD18, LL04c, LC05, LYMZ09, LWSC07, LLHS07, MCO+07, MCN+18, MLC+18a, MMV08, ML11, MJ06, MMR11, MLBS11, MW12, MVCC10, NADG18, NHG02, NHG03, OB17, OE13, PSS13, PP07, PSR+07, PEG05, PBB+05, RR010, RC13, RL12, RSSD02, RWV+13, RvSB+03, RMCD12, RM11, SMPC12, ST11, SVE+11, SAMN02, SPR+10, SSKK13, SPCL04, SPEW09, SD07, SBA+05, TMT+07, TMTY05, TV16, TSBH11, VS13, VHML11, VLC03, VR12, VF01, WSS+09, WY17, WL05, WHP09, YHJ10, YHL+05, YD05, YdOLS+05, YY11, ZS05a, ZS10, ZCLW18, ZZY+19, ZW09, CCG07, CS19, FG111, FR08, MVRM08, MSKT07, MM10, AMD08, AFFC07, ACC+05b, ABB+05, ABB+03, AT02, ADF+05, AR10, AN08, AM10, ADK+09, BKK11, BGJ+06, BMFCC07, BCT+07, BPP+07, Ber06, BLAV06, BST+08. Grid [BP10, BCMA07, BR10, CCM07, CGM+07, CSJN05, CTT+08b, CWW+13, CO10, CS12, CC09, CCL+10, CCHW03, CGL+10, DCS+07, SDS+11, DMG+08, DKD08, DS08, DMZ09, ET08, EPJ+05, FGCM07, FT07, FS07, FM08, FdSC07, GR09, GRPL04, GRL11, GFR+06, GMA07, GMS09, GGM+09, HB09, HJPT01, HT02, HJJC10, HSH+07, Hua05, HPL08, HPL10, HML07, ILJ+08, JS12, JAA09, JF05, KT08, KWR+13, KA09, KM11, KRRZ12, KBM+02, KN10, Kim07a, hKcF09, KV09, KMK09, KBB+09, KVT10, KSM+07b, LS07a, LTO07, LWHC07, LxSW+04, LGW07, LB09, Li10, LKGO8, LOJ+07, LW08, LST07, LK08, LJW08, LSL+15, LBB+09, LS08, LWHS07, MTMN08, MBB10, MLD08, MKT09, Mer13, Mes02, MA09, MWMA10, MG10, NF13, NSP07, NHG06, NJW+06, NK07, NJHT11, Ole07, Pal06, PP10, PKC+05, PW09, PSA+09, PBC+11. Grid [PT05, PGPW09, PSP+09, Pro07, PDDS10, QP08, RMNC10, RGC+10, SAGL10, SHBD08, SBB+10, STA17a, Sin07, SIL+13, SSF+09, SLS+09, SSK+08, SDD+09, SJJT07, SBV07, SLHL08, SLSF+10, TMV+07, THN+06, TLYT05, TLYT06, PLL+11, TG07, TKT+08, TDF07, TBNF09, VGBLGS+06, VPT+10, WH05, WC06b, WC06a, WCHL10, WS05, WBT05, WXL11, XA10, XAW+10, YW12, YLC+06, ZMP10, ZLTY10, ZL04b, Zhu04, Zhu07, ZDR07]. grid-aware [MMV08, PSR+07]. grid-based [BGH+03, CSV+12, GHWZ94, LYJ10, MW12, YHL+19, AN08, DMG+08, DS08, NSP07, PSP+09, VGBLGS+06, YCX05]. Grid-computing [YW12]. grid-enabled [GLM+08, LWSC07, MJ06, GRL11, ABB+03, EPJ+05, FS07, NJW+06, PKC+05, XAW+10]. Grid-enabling [KT08, SSK+08, SLSF+10]. Grid-like [Ole07]. Grid/distributed [hKcF09]. Grid/P2P [Kim07a]. Grid2006 [BGL08]. GridFTP [ACE02, CG09, RSK16, RKSU08]. GridICE [ADF+05]. Gridification
[VWD+08, MZC08, MZC10]. GridLab [SAMN02]. gridless [BVDF00]. gridmap [ACC+05b]. gridmap-file [ACC+05b]. GridNetworks [SCP09]. GridR [WSS+09].
GridRPC [CCDS08, SKT+08]. Grids [HAP15, YCY10, ZS16, ACC+05a, ACH+11, AR15, AWN+13, ABM+07, ASD12, ABF+03, AR07, APC+20, BM12, CCL07, CGL08, CLH10, CH10, CCS+10, CD08, CGJ+10, DVB14, DT08, DLP14, FLPP05, Fra08, GCBM17, Hua10, HB+13, IT05, IAL10, KK10a, KK11, KX11, KK+14, KFC+07, KJ12, KU10b, KIC12, LP12, LAI10, MLG13, MGV+18, MMPM09, MWPV12, MVC+13, OM10, OK02, PGSM05, PS10, PT16, PX07, PGCC+10, PPF+09, PPS06, QPTGG+12, RRB10, RADARP19, SR12, SHBP10, SPMC10, SBG+09, SMK05, SEMJ11, SSL12, SG+08, SCCS11, SAC11, SSB13, TZBK13, TJWS10, TPBS14, TV08, Tor13, VDPH10, VDK14, WFC07, XU15, ZCW+04, ZL+10, vOH+05, vdS04, GHWZ94, AL14, CC07, CCL09, CT09, CB10, CGST09, DFC+08, DRNM09, Dog09, EGK+07, EH10, FMS08a, GX+12, GCCC+07, GBS10, Joh02]. Grids [KFP+02, KNK+08, KTM+08, LS07b, LH09, Lea13, Lea15, LVH08, LKA+08, LK08, MFP05, MTV05, MHA08, MV09, NQ07, OV+09, Pa09, PH07, PK08, Qin07, RPPM10, SYT09, SVN10, TDP+08, TTP+07, VLK09, VDK12, WS10, XCDG10, YYW+09]. GridSim [HLW12, SPB107]. GridUFO [MWMA10].
Groot [vdR87]. groundwater [ZWZ19].
Group [AJY15a, CB10, HWW04]. Group-based [AJY15a, CB10]. group-key [IOV+18, NKX09]. Group-oriented [HHW04]. grouped [LYQ06, PWMX17].
grouping [GMEL08, MZC10]. growth [KZC617, RK20, SUD+98].
GS1000 [LM90b]. GSA [CGS17]. GSC-II [GML99]. GSB [Hua05].
guaranteeing [CM17, LLW+12b, MKT09, UDST19]. guarantees [GJF+12, KV09, LHPC+19, SBK+16, ZFW14].
Guest [AB01, AD00, Ano01c, BJC02, DHS00a, DDS00, Fln03, HP92, HB08, Kaa98, Kaa99, KK00, LBR02, LC01, SG95, Tan02a, Wil00, ZEO1, vdR93a, BB13]. guests [JK17].
GulGen [RSSD02].
GWpiot [RMHCMG15]. GXP [TMM+13].

H [vdR87]. H.264 [WC14]. H2O [SSB05].
HA-OSCAR [LSLS05]. Haar [MGA+18].
hadoop [GGN17, BAJ+19, CRB+16, IPCA+16, NK17, RK20, RD14, TF18, WTR+13, WLHH18, YH19, YIA17, ZDT+18].
HAFLoop [ZFMB20]. Hall [vdR87].
Hallam [vdR87]. Hamiltonian [MR04, Ano06, MR03a, SJR13].
Hamming [TJJ+20]. hand [KPG19, NUPA19, XL19]. handheld [SRSA18]. handle [GGDM+18, LZW+18, TM20]. Handling [BMZ10, Goo01, HSS00, HHL11, ST20, SGB+18, TWDZ19, XWL+18]. handoff [SLS10]. handover
Hardware [MHY+18, TBK06, CRWZ19, DP19, EAS].
hash-based [HCN, EP12, EW97, EB02, MS01].
Harnessing [FQBCF15, ZZC18].
Harris [HTL+18, HMF+19].
Harrod [GDRS04].
Harmonizing [LTZ15].
Harmonize [PL96, BDF].
Harvesting [BBN17, KV09].
Harvest [DSS98].
Hard [KV09].
Hardware-oriented [TBK06].
hashtag [Zem86].
Haste [PP18].
Hash [Hu89].
Hash [HMF+19].
Hayes [Zem86].
Hayes-Roth [Zem86].
HA [PY+18].
HCN [ESPN17].
HBD [ZJ+16].
Haul [RSK16].
Hawaii [Hu89].
hazard [LHJC18].
Hazard [FBH18].
Has [PP18].
head [FJJ+18].
Health [LLB18, KB03, HXL90, HZdLZ20].
Healthcare [AS14, ASO14, ASO14, ASO14].
health-shocks [MD16].
Heterogeneous [GBA+09, KV17, ORPPG20, PZY16, PP18].
HEM [Abe92].
HEPart [WYCC18].
hepatitis [WCWC19].
Hermot [CGN18, ABTF16, AMGCC18, ACK].
Herod [GDRS04].
heredity [BL15, PLLA18].
Heterogeneity [BL15, PLLA18].
[GSY+19, LLF+18b, PSL+04, YHL16].
handshake [LWL+18].
handshaking [CJG+18].
handshaking-based [CJG+18].
haptic [WWSM09].
Hardware [MHY+18, TBK06, VL19, YLJ+17, AMN18, CF20, DSS98, FSD+20, FFC12, HBBK20, HHSW92, Hum92, KDH16, KvdB+17, LAL+14, NWE04, PAB+14, RSK16, TLC+15, TLC+20, YAJG+15, CLK11].
hardware-assisted [RSK16].
hardware-aware [PAB+14].
hardware-based [DSS98].
Hardware-oriented [TBK06].
harmonic [BB04, KDE04].
Harmonizing [LTZ15].
harness [PL96, BDF+99, FD02, MS01].
harnessing [FQBCF15, ZZC18].
Harriot [HTL+18, HMF+19].
Harrod [GDRS04].
Hartmann [MAP19].
harvesting [DJJ+18, TSD18, VF18].
Hash [JL14, CHS+18, HLL18, JFDF09, MSZ+20].
hash-based [MSZ+20].
hashing [QZD+18, SZO+20, ZZLZ18, AGBR19].
hashtag [ZJ+16].
Haskell [BBH18].
HASTE [PP18].
haul [RSK16].
Hawaii [Hu89].
hawks [HMF+19].
Hayes [Zem86].
Hayes-Roth [Zem86].
hazard [LHJC18].
HB [PY+18].
HCN [ESPN17].
HD [HSP+13, JHL+06].
HDFS [TMDZ15, WZML18, YSC+15].
HDS [PIP18b].
head [FJJ+18].
Healing [LHBC16, AF+10, GZL+18, dSGD13].
Health [AMSP+19, BSR+18, KJ+19, LHL5, RGN+18, Rao17, VRS+19, ABZK15, ABC+18, APR+19, CBN16, CCL+19, CRWZ+19, DP19, EAS+18, GFD+14, Ham19, HIA+18b, MID16, ML19, PKY+17, Po98, PPS06, PPAK99, SPS18, TCS+14, WMX+17, WIT94, YZL+18, YZG+18, YK017, ZAA+14, LG16a].
health-shocks [MD16].
Healthcare [IFD+19, TBG+20, WRK+15, WLP18, ZZXL18, AASI17, ABB+19a, ASO14, AHMS18, APR+19, CPD+15, CLH+18, CZZ+18, FGW+19, FFC+18, FRM+18, HLYW17, HXA+17, HZM14, JNS+19, JP18, JTBS15, KKB18, Kim14, KLV+18, LWL+18, LZLL18b, MVL+18a, MGN+16, MGA+19, PMDS18, PSW+19, RBA17, RGN+18, RYH+19, SAVS19, SJSA19, UKK+19, WLS+18, XKB18, ZCK+15, ZCDV19].
HealthFog [TBG+20].
hepatitis [GCN18, MKS18, PPM+18, PCl8b, WDJC18].
heterarchy [DS04c].
heterogeneity [BL15, PLLA18].
Heterogeneous [GBA+09, KV17, ORPPG20, PZY16, PP18].
[AD10, ABTF16, AMGCC18, ACK].
HCC [CGN18, ABTF16, AMGCC18, ACK].
[GMDFPLC17, TBG+20, DH16, DNN+19, HJA+19, LGS+07, RJN+19, WLZ+14].
heartbeat [SV+18].
HEFT [ZZS+19].
height [CF+18].
HELIO [BBC+13].
heliophysics [BBC+13].
help [Ueh89, SCN+14].
Help-On-Demand [SCN+14].
hemotherapy [ATdC+16].
HEMT [Abe92].
Henry [HHM+19].
HEPart [WYCC18].
hepatitis [WCWC19].
heritage [CGN18, MKS18, PPM+18, PCl8b, WDJC18].
heterarchy [DS04c].
[AD10, ABTF16, AMGCC18, ACK].
WSC\textsuperscript{+}19, WYD\textsuperscript{+}20, YLJ\textsuperscript{+}17, YS16, YCZ\textsubscript{J18}, YHH\textsuperscript{+}19, ZG19, ZMP10. **Heuristic**

[AA18, Bal91a, WL05, AL18, CSL18, ESW\textsuperscript{+}17, GSR\textsuperscript{+}19, JM01, KMT14, MC00, RC13, RS17a, TK19\textsubscript{G98}, XA10, XY15, ZZ90, ZZZC19]. **Heuristic-based** [AA18].

**Heuristics** [NBB18, RT15, BAB12, aCKPM19, D\textsuperscript{ST}14, DNP\textsuperscript{+}14, GODM98, GVA\textsuperscript{+}16, GGS13, Man15, WCHL10]. **HGC**

[GAT\textsuperscript{+}20]. **HIBC** [CZXL18]. **HIB-tree** [CZXL18]. hidden [WQG15, XZP\textsuperscript{+}19].

**Hiding**

[DSM\textsuperscript{+}19, CCD\textsuperscript{+}19, HZL18a, Sha16].

**Hierarchical** [BMT12, LLW\textsuperscript{+}18a, LOJ\textsuperscript{+}07, ASTEP98, ABF\textsuperscript{+}15b, CFCG03, CWW\textsuperscript{+}13, EK11, EV96, EW99, FK12, HV92, HYS17, HYS18, HML09, KX11, LGK08, LZ07, LDCZ20, OSCY93, OCCK14, PRC\textsuperscript{+}14, QPTGG\textsuperscript{+}12, RKB18, TMC\textsuperscript{+}14, WGL19, WLD\textsuperscript{+}20, ZB19, ZDR07, ZLY10].

**Hierarchical-deterministic** [WLGL19].

**Hierarchically** [CRK\textsuperscript{+}01]. **Hierarchies** [ECPF17b]. **Hierarchy**

[ZZ90, LHC03, XL19, ZH17]. **High**

[AB01, AJY12, APS\textsuperscript{+}19, AQB15, BBC\textsuperscript{+}99, Bhu95, BM92, BS94, CST92, DRS\textsuperscript{+}97, FBS18, Gen95, GGJ13, GH\textsuperscript{+}196, HSS92, HGM15, HML\textsuperscript{+}06, HJSP03, KDP16, KPB\textsuperscript{+}03, Kha12, KKK07, LYS12, MF05, MKH13, MDT\textsuperscript{+}18, PPMAM13, PIP18b, SEH99, SG14, Ste94, WHMO13, WQG15, WMY\textsuperscript{+}18, WBF08, Wri19, WXGM18, YQT19, ZSX\textsuperscript{+}15, Aba09, AFS16, APRC16, AFP07, ABB\textsuperscript{+}03, ACU95, AMW99, AB03, dRADFG18, BL98, BMFC07, BC17, Ber96, BCS99, BS04, BGLM17, BRHH18, CND\textsuperscript{+}19, CGMT20, CGT07, CWD\textsuperscript{+}08, CMS\textsuperscript{+}18, CHJ\textsuperscript{+}04, Che14, DCS\textsuperscript{+}07, DJPM18, Den20, DCC\textsuperscript{+}14, DJJ\textsuperscript{+}18, EP13, FdAg4AvF19, GAFFOG12, GNQ01, GSC11, GGH\textsuperscript{+}06, GGSZ09, GHO\textsuperscript{+}11, GG10, HAF\textsuperscript{+}16, HHSW92, HDC\textsuperscript{+}94, HAE\textsuperscript{+}03, HKPT10, HDB18, HG92, HAB\textsuperscript{+}06, JRJ\textsuperscript{+}11, JLC18, JM02, KHG13, KMB\textsuperscript{+}17, KMB\textsuperscript{+}02, KPM\textsuperscript{+}18, KC19b, KMK\textsuperscript{+}14, KSM\textsuperscript{+}07a, KSM\textsuperscript{+}07b, Lau01, LSLS05]. **high**

[LRJ\textsuperscript{+}06, LRYJ17, LC01, LHX\textsuperscript{+}18, LSH\textsuperscript{+}11, LLSR02, MWWL18a, MI01, MAPA19, MR03b, NWMG17, NAA14, OS01, PH99, PDR\textsuperscript{+}11, PC99, RPA\textsuperscript{+}18, RJH\textsuperscript{+}09, Reu03b, RS17b, SB14, SPMC10, STH\textsuperscript{+}98, SGFS01, SB97, Sch03, SGKC10, SEMJ11, SK18, SLDK03, SSSZ13, SRG\textsuperscript{+}03, SRCR07, SSP17, SYL18, TSWL17, TBl16, TSP99, TC\textsuperscript{+}16, Tur18, VBP03, VSB19, WXYL16, WdL16, Wei11, Wit94, YDK11, YK17, YNLY19, YNK\textsuperscript{+}20, ZYZ\textsuperscript{+}18, ZBTC17, ZCQ\textsuperscript{+}16, ZYT15, AHL11, Bnt99, CMZ95, Din09, HB08, Ldd99, LBB\textsuperscript{+}09, MLC\textsuperscript{+}11, Wil00, dsl98].

**high-available** [SB14]. **High-definition**

[HML\textsuperscript{+}06]. **high-dimensional**

[BS04, CHJ\textsuperscript{+}04, DJPM18]. **high-energy**

[ABB\textsuperscript{+}03]. **high-latency** [ABB\textsuperscript{+}03].

**High-Level** [HSS92, WBF08, dRADFG18, BMFC07, CMS\textsuperscript{+}18, KMK\textsuperscript{+}14, KSM\textsuperscript{+}07a, KSM\textsuperscript{+}07b, NAAC19]. **high-order**

[Che14, DJPM18]. **High-Performance**

[BM92, SG14, WXGM18, AB01, BBC\textsuperscript{+}99, Bhu95, GH\textsuperscript{+}96, KDP16, MDT\textsuperscript{+}18, SEH99, Ste94, Aba09, AMW99, CWD\textsuperscript{+}08, GH\textsuperscript{+}06, HHSW92, HKPT10, KMB\textsuperscript{+}02, LRYJ17, LH\textsuperscript{+}18, LLSR02, MI01, Reu03b, STH\textsuperscript{+}98, SGFS01, SB07, Sch03, SGKC10, SEMJ11, SSP17, TBl16, Tur18, ZYZ\textsuperscript{+}18, Lid99]. **high-productivity**

[CGMT20]. **High-quality** [TSZP99].

**High-resolution** [KPB\textsuperscript{+}03, YQT19, DCC\textsuperscript{+}14, JRJ\textsuperscript{+}11, YDK11]. **High-speed**

[LYS12, MF05, AB03, DJJ\textsuperscript{+}18, HDB18, HG92, HAB\textsuperscript{+}06, KC19b, LSH\textsuperscript{+}11, MWWL18a, MAPA19, RPA\textsuperscript{+}18, SRG\textsuperscript{+}03, VSB19].

**high-stakes** [CND\textsuperscript{+}19]. **High-throughput**

[ZSX\textsuperscript{+}15]. **higher** [Dal06]. **highlighting**

[SS04]. **Highly** [CD16, LN18, MRH17, SBSL06, BLRS98, CWJ\textsuperscript{+}18b, Fr14, GVI13, JCP\textsuperscript{+}20, JSS\textsuperscript{+}12, JM01, KSY92, MAC14, MCA\textsuperscript{+}18, PMLV13, Tor13, WYS20, ZYCD19, ZFMB20]. **highly-threaded**
HZLH19, HIA +18c, HG92, KKL06, LBD18, LA19, LYMZ09, LLC +14b, LDX19, LQLX10, LZX16, LTC +19, LZA +20, LDCZ20, LSV +18, Low01, dSMAdR +17, MFN13, MPF +16, MLSF16, MV09, Nag16, PPL17, PRN14, RBN13, RS17a, ROK19, STMV18, SSS02, SP18b, SLZ +18, TZST14, TMT +07, TNY17, TdPF +17, TSB18, VF18, VVBL3a, VPT +15, VCKB12, WXLY16, WMQ +16, WXPL17, YLN15, ZCH +17, ZYW +18, ZWJ +18, LM12.

hybrid-cloud [LBD18], hybrid-indexed [WXLY16], hybrid-multi [HIA +18c].

HybridNN [FWB13b]. Hybrids [HAA +16].

Hydrodynamic [NCS04, RBS03].

hydrological [HLZ18]. hylomorphisms [CHA18].

HyO [DL04]. HyO-XTM [DL04]. hype [BYV +09].

hyper [AL18, DL04, RC13]. hyper-graph [DL04].

hyper-heuristic [AL18, RC13]. hyperbolic [NB04].

 hypercube [FFHG95b, ShI92].

hypercubes [DK14, Xia06]. HyperFlow [Bal16].

Hypergraph

[RRKA19, SKS17, YWCC18, GAT +20].

hyperheuristics [MOBD18]. Hyperscale [RMRS19a]. hyperspace [NLM +16].

hyperspectral [Cha11, PM04]. hypervisor [ASB18, RS16]. hype [FJY06].

I-TASSER [ZZBZ19]. I/O

[Aba06a, BFK02, CkLC06, CSL18, DLZ +14, DLRX14, DYI +16, Geo02, HMC06, OK02, SM96, TDFZ18, ZXL14]. I/O-intensive [CkLC06]. IaaS [AA18, AMMC18, AEEM +18, CMB17, GLNT13, LCH +18, MJDN15, MGG +17, NCS12, TBO20, TTB +13, TTH15, YDQC19, ZT19, VVB15].

IAN [LG08]. iBike [ZWQ +19]. IBP [BBLP05]. IBPstar [ASPB03]. IBRIDAETH +19]. iCAFE [SSK +12]. ICAuth

[SBL18]. Icing [CFD +20]. ICOT

[BY93, Kuo86, Tic93, Uch87]. ICPADS [TCG14]. ICs [VF18]. ICTBioMed


identify [HIA +18c, KAS +18, MBL +19].

Identifying [AHS +18, BTP19, PSLZ18, WCM +19, XTF +19]. identities [TOS18].

Identity [HSM13, HYF18, ZDW +16, BDM +20, CLM +16, HCL +17, LK12, MLM16, PLCGS11, WMX +17, Wan18b, WZCH17, YWJ +19, YXA +16, SAr18a].

Identity-based [HSM13, HYF18, ZDW +16, LK12, WZCH17, YWJ +19, YXA +16].

ideology [Sap88]. Idele [CLR18]. IDE [BYV +09].

iDoctor [ZCH +17]. IDS [HNCJ13]. IEC [YS16].

IEEE [BGL08, CF09, AAQ +19, KZ17].

IEEE/ACM [BGL08, KZ17]. IFC

[Ao02b, Ao03h]. IgA [QZ +19]. Ignis

[PMCP20]. IGRC [YHL +19]. iGrid [GGH +03, DDbL03, SDbL06].

iGRID2002 [MWC +03, CALN03, LLH +03]. iGRID2005 [GdD06]. II

[vdR87c, GML99, RVC16a, WGL92]. III

[KGW95, YDD +18]. IoT [WLC +20].

IIIVIFS [SGS20]. IIIVIFS-WASPAS [SGS20]. illegitimate [WTTH19].

illumination [LLU +18]. illustration [Avg00]. ILU [KZC04, LNF94].

ILU-relaxation [LN94]. Image [MSM +18b, YXD18, AMBB18, AM19a, Bro19, BDNP92, CEGL01, CEJ94, DGA18, EFD00, FMV14, FP03, GHEB +18, GPV +14, GDA18, HYS04, HLC16, LMA19, JY +18, KO11, KZA11, kbKB11, KK +99, KVHT10, KE85, LHJC18, LSZ +16, LYFZ20, LWLW04, LZL +12, LWZ +20, MZYA19, MGLV04, NOF18, OKM +19, OSC +07, PK99, Pet95, PCM99, RRRK19, VOCHC17, XWW +17, XPL19, YDK11, YCY10, YSC +15, YJS18, ZFY18, ZSMS18, CSV +12]. image-retrieval [YJS18]. imagery
Implementations  
[VsvD95, Ano86i, DFGR14, NSS99, RMA+20, Ref87, ZSW+18a].  
implemented [BTM10].  
Implementing [CS93, CMD+14, KFK19, YJA03, HS98, Pap05, PK11, RM97].  
Implications [PSL19, CHS+18, IHK+18, LPD+13, PR95, vdR87d].  
implicit [CWJ16, ID98, XLZ+14].  
importance [AMT+12, MS03].  
important [LXM+18].  
imported [XLL+19b].  
imprecise [KRD+19, SK12].  
IMPRECO [CGV10].  
impression [vdR87f].  
imprint [CWUS19].  
improve [CLP+14, GMLGB+17, LK08, LFH+15, OdOD+13, PLXZ19, RMSPP17, SMC99, ZMS+06].  
Improved [ESP17, SE19, TA18, TV16, DLL+19a, AMÇ19, uRBIBC20, BBI13, CVDRA+20, HZL18b, HLZ18, JLS19, JLQZ18, KKAS19, K119, KKYK04, LLP+20, LZXG12, TM19, WN10, YHL+19, YJPJ19, YDD+18].  
improvement [CHS11, Ho93, MJM+16, RJJ+19, WQZ19, WTS14].  
improvements [BGC19b].  
Improving [AkBAL+19, AMMC18, BVFGWA15, BL13, Du94, ECPF17a, GIM16, HAF+16, HCNT14, HMA18b, HXL+18, KW20, LLC11, LJY10, MYW+19, PK04, PAB+14, SS04, SG13, TS08, WSC+19, WLML17, YZI18, ZTQ+20, ASD12, AB95, GV113, GJKP18, HBCR01, SAH19, SDZ+20, SBA+17, XTF+19].  
improvisation [VSKS19].  
imputation [CRYG18].  
In-band [WGX+19].  
in-core [CKF106].  
in-depth [OMPSPL20].  
In-Mapper [MLC18b].  
In-memory [GQLX18, BYL+18, GWX+19, HZDS19, USK16, UDvD+W+18, WZS+18].  
In-network [PJDO13, CF20, XGX20, ZSMD+18].  
in-place [PWMX17].  
in-transit [AHF16].  
In-VIGO [ACCA05a].  
Incentive [WCY+20, DJVM18, GA13, HHK18, HDLW13, JLQ+17, LLW+19d, LWZ+19b, RHB08, SOM+19, WLC+20, XY15, ZA13, ZCDV19].  
incentive-based [RHB08, XY15].  
incentive-compatible
incen-296tive-driven [HDLW13, SOM19]. incentives [KRZ+19].
incen-296tivized [BDP11a], incidence [XL19].
incident [CES+19, FM17].
incident-supporting [CES+19]. incidents [TMS+17, dSGD13]. including [LRMC94].
inclusive [FLT17]. incompatible [SL19].
incomplete [MvdV01]. incompressible [VFS01]. inconsistency [YWJ+18].
icorporate [YMW13]. Incorporating [LYS+19, SPBT07]. Incorporation [GBM+05]. increase [LVH08]. Increasing [IDM+16, KKAS19, KH18a, WWX+17].
Increment [SS03, TWG+19]. Incremental [PBL+18, XWM18, ArMS19, CAPG18, FRB+14, KMB16, LKM14, LY18a, LPY+18, PVBH05, YNLY05, ZFS+18].
incrementally [YGYW16]. increments [Tor04]. Independent [FMSSM12, CFL+18, EG18, Fio06, Ger02, GVA+16, LHL09, dIVGB+20].

independently [BSCC06]. Index [Ano00a, Ano00b, Ano01a, Ano01d, ÁO06, Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92h, Ano92i, Ano93a, Ano93i, Ano94a, Ano94b, Ano94g, Ano95a, Ano95b, Ano98a, Ano98c, Ano02a, Ano02c, Ano03a, Ano03i, Ano04a, Ano04b, Ano05f, CZXL18, CPHL19, WXPL17, Lin18].
indexed [LSL+15, WXLY16, YNLY19].

indexing [ARP14, FMV14, KCK04, LJ19b, MSZ+20, RTS+16, SB17a, SLZ+09, WZW+19a, WHMO13, ZQZZ09]. indicative [ZNC+18].
indicators [DPS16, HZX+19, HAAR+19, LZZ+20, NAAC19, SA19, KJFS12]. indices [ACG+20, TBD+02]. indirect [VS19].

INDIS [GVTlL18]. indistinguishability [YZW+18]. indistinguishability-based [YZW+18]. individual [CN17, HZM14, NZOCJ+19, PS10, Sch01, Mor01].

Individual-based [Mor01]. Indoor [SLK17, YCD+19, HHJ+19, HST+18, HDH+18, HZZ+18, LwW14, Mat18, MLGGB+17, MKS18, OMD+18, PECA19, YYD+14].

Induced [vOB95, LSV+18]. induction [PMK18].

Industrial [GHK98, MBF+20, ZWJ+19a, DM12, Gal87, GHD19, LG08, LHO17, LW18a, LW19, Luk00, PTD+18, PWA+19, Sch94, Sin84, Smi86, uRYS+19, LG08, NSR+19].

Industry [JC15, Kaa99, Mur95, BGR+99, FG18, Kaa98, LPC+95, QGT+18, Ros94, VCL+19, ZSMS18, ZWJ+19a]. Inexact [BMZ01]. infants [CPE+17]. Influence [AP96, BB84, CBC+19, Her84, HV84, KKYK04, Bal93, DD86, JLS19, LBD+19, LZ20, MFT+17, MAQ+20, NA19, SL19, TCC18, Uch87, WMBV17, BB85].

inference-making [DD86]. inferred [YWY+17]. inferring [DYC+18, JHV+20, XTL+19]. InfiniBand [KBVH14]. infinite [Tab06]. Influence [GGH+19, NBB18, HMC19, MLC+20, MFT+17, TL19, WJLW18, WDD18, WGM15]. influences [LZL+20].
influencing [KSC+19]. Influential [ZSJ19, WCM+19, ZSC14]. INFN [ABB+05]. INFN-Grid [ABB+05].
Informal [GPJA+14]. informatics [KZBK99]. Information [ABS11, AF07, ATR19, ABMS05, BBB+11, ChK11, CCR18, DP17, FMD99, Kim07b, MS03, SR03, TAB+18, URKM19, ZZ15, AHL11, AAA+19, ATD+16, Ano84a, Ano86j, AM19b, BG12, BRR+04, BT17, BN1J6, BGP+17, BMH10, BDPN92, Car86, CFC+20, CPW19, CCJ16, CWZ+17, CWJ+18a, Dek86, DSM+19, DMS19, DGGH11, Dub91, ELAEAVAM19, EV98, FAL+19, FMS08b, GZZL16, GRTV10, GCCL18, GCTLA+19, GF14, GWC+16, GB99, HZC10, HPP+18, HYC04, J1L08, JTL+19, JC09, KKYK04, KPB18, KV12, KAS+18, KHS99, KB16, KK97, LXL509, LHJC18, LNB14, LWK+18, LC03, dSMAd+17, MSKT07, MVG18, Mar98b, Mar98a, Mar99b, MS03, Mat18, MMF16,
Nag86a, OB17, PKC04, PARMF14, PGPW09, RLL+17, RGC+10, SMF+19, SPT+18, SSL+19, SPCL04, SBD+18, SNA92, SLD+18, TWG+19, TGM+19a, TJWS10, TSOB15, TQL+19, TGM+19b, TCH19, VMC+20, VS13, VPT+10, Wal86.

information [WRCC17, WXZ+18a, WZ18, WBT05, WWZ18, XSM15, XCGD10, XLL+14, XPL19, XLL+19c, YSL19, YHH+19, ZWS+12, ZWJ19b, vdHSL+15].

Information-centric [AT18a, RLL+17, TGM+19b].

Information-Powered [TAB+18].

Information-theoretical [ZZ15].

Informatique [Ano85a]. inframetric [FWB13b]. InfraPhenoGrid [PAC+17].

infrared [HSY04, wZcZN].

Infrastructure [AT02, HGM15, TSTL16, VDTK12, AB19b, ATM+19, BBWB+18, BMU16, BC15, BCT+07, BH13, BCD+18, Car03, CCM18, CO03, CCM+14, CD08, DWS12, FG14, GGTRRC16, GA+18, GRX19, GdBW06, GNWT05, HMM18, Htu05, HZW+16, JLU03, KZ14, KuRaK+18, KKB+09, KCI+13, KK14, MSS+13, MLC+18a, MRT+19, MBS13, MGLPPJ13, NSS99, PP10, PAC+17, RAARDP19, RMVG+10, STTK03, SP93, XH19, ANE13, CPGBC16, GRL11, LPD+13].

infrastructure-as-a-service [KuRaK+18, KK14, LPD+13].

infrastructure-level [FG14].

Infrastructures [CMNK19, CMZ+12, CRM+16, CA15a, DQcZN+19, ENC+12, EMJ+13, FQBCF15, FGPK18, GDP+18, GFD14, HZ10, KdGP+19, LTN10, LPK17, LPLB+18, MT17, MFN13, MPR+16, ML5F16, PGLCM+19, PT05, PPL+15, PWA+19, RMHC15, SFR15, VHML10, WTM+17, WHYZ18, dSGD13].

infused [ZSP17]. Inhibition [YW+19].

initial [SSMG95]. initialization [PKC19].

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

initiatives [dLRW03]. initio [LDSH95].

Injecting [GRTV10]. injection [HTV07].

injuries [WPW+18]. injury [Bo19]. inland [KBG20]. innovations [SSFR19].

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

InOt [PLA18]. input [Ana06b, WHC18].

input/output [Ana06b, WHC18]. inputs [Wan19]. ins [MS01, HYS04]. insecurity [BP13].

Inspection [KGI18, MACZ17, LZLL18a]. insideNet [MMAA19]. insider [SMF+19]. insight [BCD+18].

Insights [Cur92, AC16, GTSAR+14, KF00, WLH18].

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

inspired [AT19b, BW13, CWL19, FM10a, GWW+19, IGB+14, KKS18b, LCW+18, VV16, XZZ+14, XZZ+19, ZYW+18, ZEO98, ZEO01, dSDF+19]. instability [Bo19].

installations [APCI19]. installment [SOIS12].

instance [FCY18, Leo01, WWZ+19]. instance-based [Leo01].

instance-intensive [WWZ+19].

instances [BKSS02, CLR18, DR18, FE19, GdCP19, Leo98]. instantaneous [MRV01].

Institute [GZD+19]. Institutes [Van87b].

institutional [BH13].

institutions [KBTT20, PKP19].

instruction [GD05]. instructions [Goo01].

instrumentation [BP01, BDZ13, MMPM09].

instrumented [GD93b].

insurance [ABZ15]. integer [GGA+17].

integral [de 94]. integrate [BFL99, BOP+14, GRCP+17, PBB+05].

Integrated [AS18b, CT09, SBDL06, AIP+19, BCMA07, CM17, CSV+19, DZJ+00, Dui89, FHYH15, FCD+14, GDRS04, GSKS20, HFL+19, IOb01, KAS+18, LY90b, MFP+16, MRR+20, PDH18, Ref87, STT03, SGK10, SH19, ST02, TGB+20, WZM19b, WG91, WS10, WHC19, YZL14, YH19].

Integrating [BCMR01, HC17, LCL14, LHY+19, YPX+20, BDZ13, CT19c, PSW+14, TQL+19].
Integration [APRC16, AFF+09, AKW90a, BdDPP16, CCY+18, DP17, FP14, HRC19, HHZ19, RAA+18, AMB03, APC+20, CGST09, DPP03, DDR+07, GACM17, HYC04, HAAR+19, JNS+19, LLF+18b, MGV+18, MR03a, MR04b, RMC+18, SGY+07, Shn07, SMM+14, SPKG18, SAC11, WLLF16, YWF+10, ZMP10]. Integrative [LGS+07]. integrator [JL03]. integrators [DV03, IS06, MPQ03]. Integrity [DL19, FLT+19, GSC11, HKA+18, JZJ+18, LSG18, LXR19, LYZC15, OB04, PPG19, SL87, SHJR04, WWR16, WWZ+20, YXA+16].

Intel [CDMR19, FHG95b]. Intellect [AS18b]. Intelligence [AT20, ACC+16, Cha14a, IDM+20, Jun17, Kow85, SLS+19, vdrS87a, All92, AB18b, Ano86l, Ano87b, Ano87c, Ano87l, Cha14b, DD07, EO86, GJKP18, GSN+18, HDA+19, How91, HLT+18, JRN12, Kow84, LSV+18, Lop06, LFY+19, MCA02, MCWP16, NPH19, Niw89, NAM+19, Od114, OB19, QC18, RBC+88, Sch85, SSST17, SJL+18, Szu98, Szu01, WM14, Wi84, YZW18, YJHZ14, vdrR7b, vdrS87c, Ano84e].

intelligence-based [OB19]. Intelligent [ACWJ19, BDCC19, DX14, GCD+18, Hsu14, Kim18, KH89, KK07, LRZ+18, LWZ+19a, LZA+20, MTNM08, MWL+20, NNC+19, XJK+18, XXS+19, YCD+19, YSL19, ZWQ+19, AHMS18, BKS+18, BQI+20, CPDJ13, CSJN05, COC10, CRC+19, HMW+19, HXC+19, IMKB89, KFF89, KRL01, Kol18, LLZ+18b, LXT+19, LLW+19d, LQF19, LWZ+19b, MWC+03, MAY18, NAD+18, NWL17, OMD+18, PTD+18, PKY+17, PLP+19, SSI19, S1e14, SDC11, Ueh89, VFHB14, XBU14, XTL+19, XZZ+19, XLZ18, YPX+20, ZDL+19, SSK+19]. intelligent/cognitive [BKS+18]. intensity [GZZ+18]. intensity-modulated [GZZ+18]. Intensive [DO15, ATdC+16, BMK+14b, BPS+03, CkLC06, Cuz14, DST10, GVURIVBV14, GJ15, IDCJ11, JFZL17, KS18a, KGVW14, LTL19, LFHQ19, MFP05, NSSA+14, Pal09, Pet95, RSJ+14, SY04, SLC+17, SBD+18, TdPF+17, TJLT00, TdB16, TBCB18, TSB18, VVB13b, WTR+13, WZZ16, WWZ+19, WHYZ17, WHZ19, YFY+13, dSCD+19]. intent [KPM+18]. intention [CT9c, JLQZ18]. intentions [FTD17].

Inter [DV90, OMSPL+19, CLL18b, DPK+19, DDR+07, GS95, GGLW18, LD17, LYS12, SRZD15, SB16, SBP+17, SBL18, VOS12]. inter-cell [DPK+19]. inter-cloud [CLL18b, SRZD15, SB16, SBP+17, SBL18]. inter-connectivity [VOS12].

inter-enterprise [DDR+07]. Inter-process [DV90]. Inter-Pulse [OMSPL+19]. inter-purchase [GGLW18]. inter-service [LD17]. inter-stream [GS95]. inter-view [LYS12]. interacting [DS04c]. Interaction [ZAP05, AKB18b, CGN18, CPMG19, FJA+18, HCY+18, IT05, JRI+11, KID+16, MJ06, Nag16, RRH16, XZG+19, ZMN19, ZS05b]. interactions [BPLFR10, Kni89, OPT+17, SDH+19, UZ11, ZGS+13].

Interactive [CAB16, EdBG+99, JHL+06, MG18, PF01, PK08, RS99, SHN10, ZCS20, ABG18, BDL06, CGN18, DML20, DK00, GKW+12, HML+06, HHZ16, IJLC03, KLC05, KKL09b, OPO13, PTM+18, PPAK99, SSFFR19, SBS4L06, Sch98, SL19, WY19, XFM16, dNE05].

interception [MGLPPJ13]. intercloud [Erd13]. interconnect [YGYW16].

interconnected [FCY18, FGW+19, MML018].

interconnection [ADKS06, GS13, JAA09, LL18, Shi92].

interconnects [CkLC06, PBHK01].

intercontinental [CKP+19, PBC+01].

interdiction [KPS18]. Interdisciplinary [AC10, NS10, GFG03]. interest [AS19a, JXZ+19, LWSY18, LW18b, MRS18b, SMC99, XZ16]. Interface [WLB11,
InterGroup [BAC02]. Interfacing [HC99, PL96, HML07].

Interference [vdLLE19, DPK+19, Höf03, LQW+20, SS13, SM+14, SdSP04, VVB13b, ZF16].

interferometer [Fin99]. interferon [ABF].

interface [HY+18]. interfaces [ABF+15a, dRADFG18, BFL99, Bue05a, FJY06, Kan85, PNH99, RSD02].

intermediate [CEJK94, LZW+18, TZLL18, WZZ16].

Intermittent [JM02]. internal [KKL09a].

International [Ano86], CC11, CF09, SST+06, BGL08, CGJ+10, GDZ+19, LRJ+06, MLC+11, DBdL03].

Internet [AMQ5+19, GTEL+18, HZW+18, HAT19, IJCR19, JBM+18, LKCS18, MWQ+19, NSR+19, RC18, RC19, SYJA19, SSW+19, VKT+19, YHJZ14, ZAI+18, LTC12, QCY+19, ABMM18, AKP+18, ACWJ19, AR18, AGR19, AT18a, AT19b, ACSDRR17, AHIF19, AVPV17, ASA18, AMPZ16, BA17, BAJ+19, BS17, BBM+03, BZ19, BRH18, BGS+19, BdDPP16, BRB19a, BRB+19b, BWG19, CT19a, CCRL18, CMI+19, Che14, CBT+19, CMP+17, CBPP18, CPJ20, CDFW18, CMZ+18, CDH+19, DSK+14, DPK+19, DZH18, DYY+19, DRNMC09, DGR+19, DP19, DC18a, ESW+17, EAS+18, FG18, FJJ+18, FTK17, FRM+18, FPL+19, GLC19, GMLGB+17, GBB18, GHYK18, GMD19, GCK18, GZW18, GLD+19b, GBMP13, HAJ+19, HDKC18, HKA+18, Ham19, HZL18a, HHW+19, HHK+16, IHP+18, HFL+19, HIA+18b, HCL+17, HNQ+18, HXL+18, HSS17, JKAU19, JYY+17, JYZ+19, KKW+18, KK19, KOT18, KSK+19, KCM19, KKYK04, Kim18, KLM+18, KLMB19, KLJS19, KMST19].

[LLM13, LKJ+19, LBD+19, LS10, LHO17, LGL+17, LYC18, LWZ+19a, LW19, LXF19, LDS+18, LYYW19, LW+19d, LZJ19, LRW17, LW+13, MK17, MVL+18a, MGL+18, MLGGB+17, MMC+18, MDM+19, MGN+16, MLPM18, NCCS99, NWT19, NJ18, NLS19, OFD17, PC18a, PSVL02, PTD+18, PH99, PLGMcD18, PPM+18, PC18b, PVH19, PM00, QZM+18, QCZH19, RNG+18, RMSP17, RJS+19, RACA18, RHP17, RG+19, RMDB18, SAGGB17, SYJ+19a, SHS+19, SST18, SGP+20, SAH19, SWY+18, She00, SHL+19a, SDDG17, SYW17, SCZ+14, SLH+19, SZGB04, SCG+18, TLSC17, TLL+19, TSS+19, URKM19, WWX+17, WZW+19a, WYZ+19, WZ18, WWZ18, WLZ+19, WD+19, WW19, XQ+19, YN+20, YLY15, YAO2, YWZ+18, YCT15, YWLL19, YHA+19, YN18, YAP16, ZZP17, ZY+18, dFB+17, uRYS+19].

Internet-based [VKT+19, DRNMC09, LWW+13].

Internet-of-Things [FRM+18, GCK18, LKJ+19, LW19, RGN+18].

Interoperability [FKBG10, AFS16, ACWJ19, BA17, BNJ16, BGN19, CDM18, DGC+17, EHT10, GTCZG+18, HA18, KKS08, MRS+18a, NAD+18, SEMJ11, SGG11, TSKK+14].

Interoperable [KH19, CMD+14, DMMM11, HSEM99, KK10a, KKB14, NWT19, SCY+18].

interpolation [DS04a]. interpretability [BDA19]. interpretation [Hal88, NSHP88].

Interpulse [OMPS20]. intersection [LHY+20b, NWW17]. interstellar [DRS04].

interval [CPK05, DAL06, FZ+18].

Intervals [OMPS20, OMPS20].

Interweaving [RM16]. InTime [PBA18].

Intra [GZLZ16, HMW14, JLY+18].

Intra-AC [HMW14]. Intra-domain
intra-frame [JLY+18]. Intranet [PPAK99]. intrinsic [AIP+19].

Introducing [ACsdRR17]. Introduction [Ano86k, Fré84, Igl04b, Ano86g, BB13, MMR02, FS93]. introductory [BLB03, Ray05]. Intrusion [GLXF17, ABDH19, ATX13, DYY+19, FZHH14, HNCJ13, HRJ+04, KHWZ18, LYJ10, LTWM19, MCQ04, PKM18, SI18, SBK18, VSBN19, XFTZ16, ZCS20].

Invention [LZL]. intuitive [GGW+09, MK518]. Invited [WWSL19, GMdFPLC17, HV03].

Invaders [JK92]. invention [Bar02]. inverse [Del06, PBT02]. Investigating [CWZ+17, KAK20, PO00, NAM+19].

Investigation [LZL+20, MS03, PWP+18, AAN+18, BP01, GDRS04, KR14, PALLA18].

Investigations [AM16, DC18b]. Investment [YAA+19]. investments [HA18]. Invited [ECFP17a, RW13].

Invocation [MBB10, BCFS02]. involved [GDRS04]. involving [SPM86]. IO [MYW+19]. IoT FClime [MLGGB+17].

IoFClime [MYW+19]. IoT [HJA+19, KJJ+19, LQF19, RYH+19, SJS19, TSAER18]. IoTMT-based [LQF19]. ion [SB509]. ionic [SWW+13]. IoTNT [AT20]. iOS [DC17, DC18b]. IoT [ABMM18, AT18a, AHYF19, ASAA18, BZ19, GBMP13, KK19, PPM1+18, RMDB18, ZYA+18, MBF+20, Zhu18, AZH18, AHS+18, AUS19, AMSP19, AMK19, AJ19, AT19a, ATA19, AHH+19, AMR+19, AKB+18a, AGA18, AMBC19, APR+19, BSF+20, BLB+19, BKS+18, BGN19, BU18, BW19, CFI+19, CVR+18, CBC+19, CES+19, CGM+19, DCR+19, DSBC19, DDSDN+19, DSPA18, EBCP18, FSY+19, FXG+19, FCC+18, JFA+18, FMM+17, GKB+20, GAI+18, GZL+18, HC17, HLL18, HKH18, HRC19, HSBI9, HS+18, HL+18, HHA18, JPI18, JSC+15, KSS19, KH19, KS18b, KPS18, hKRM17, KPJ19, KLP19, Kol18, KMS19, KL+18, KCCL18, LIS17, LOR+18, LTWM19, LJ19b, LYZC15, LMM19, LYL+19, LMCSE19, LMCSE20, LWF+17, LYH+19, Mat18, MCB+18b, MPI+18, MRR+20, MOGP18, MWL+18b, MRS18b, MGA+19, NAD+18, NGB18, NDA+19, NNUV20, OSANAM19, PFFJ18, PDH18, PGCML+19, PCK19, PWA+19].

IoT [PPS+18, RTHB17, RMC+18, SME+19, SISG18, SVFD20, SDS18, SCY+18, SSL+19, SGB+18, SB18, SPS18, SL19, SPK18, SL+18, SZW+19, TF18, TOD17, TZW+18, TMB+19, TSGRVS19, TAS+18, TGM+19b, TBG+20, UGBM+17, VF18, VRS+19, Wan18b, WWZ+19, WLP18, WYH+17, WGX+19, XK20, XL+19a, XYML19, YZC+19, YWJ+19, YH18, YZG+18, YSMM19, YAG18, ZYZ+18, ZLY+19, dCRL+19]. IoT [TOD17].

IoT-aware [AMR+19]. IoT-based [CES+19, FJA+18, PPS+18, TZW+18, UGBM+17, ZLY+19]. IoT-Cloud [HSBE19]. IoT-enabled [ATA19, AKB+18a, GKB+20, TAS+18, XLL+19a]. IoT-FBAC [YWJ+19]. IoT-NDN [MRS18b].

IoT-wireless [SCY+18]. IoTBD [CCRL18].

IoTs [MK5+19b, ZSW+18a]. IoTSim [BG+19a].

IoTV [CW+19, LSL+19]. IPv [TZZ+19, WLH+19]. Iowa [CN98]. IP [AMH02, DvdHdL06, JL14, KJH10, MK04, RS17b, SWCP03, SK18, YX05]. IP-based [AMH02]. iPC [BP94, FHG95a, FHG95b]. iPC [BP94, FHG95a]. iPC/2 [BP94, FHG95a]. iPC/800 [FHG95a, FHG95b]. IPv4 [KKK07]. IPv6 [LZL+19, BBLP05, LLH+03]. IQ [Suz01].

Iris [GTEL+18, CTU19, NWMG17, MCAS19]. iRobot [HM+19]. iRobot-Factory [HM+19]. iRODS [HDB09]. iron [YLL+19]. Irregular [VV92, BCIR01, BS04, BFK02, GCK98, SBHD08, dSL08]. irrelevant [KMC18]. irrigation [SDST18]. ISA [Goo02]. ISDA [WBYM99]. Ising
islands [LG16b]. Isolating [AB20].

isolation [CW13a, JK17, MK19b, ZGB+17].
isometry [YSZW18]. Isomorphisms [TX14]. Isospectral [Prz03].

Isospectral-like [Prz03]. ISP [ASA19]. ISSM [CT19c]. Issue

[ADALZ14, CSYY18, DPDS14, DO15, GMP+18, HYZS16, JY15, Mes02, TCG14, TKRA14, YGS16, YJH214, ADLW12, ARB12, BB13, BDF+16, CRW+16, CPSRG14, DFRW17, DDB14, Kaa99, KZ14, KJ12, LNB14, PC18b, SZV19, YMS20].

Issues [BvdBM+93, Dek86, GTSAR+14, LLWZ18, LKA+19, LWHS07, UKK+19, CMT01, BD02, GBT87, HRC19, HHZ19, KLH+18, LNB14, MKS+19, SWY+18, SYK+17, TG07, Var00, YNN+20, YKÖ17, ZF18, ZL12, SM96].

Item [Ano97d, Ano97e, LCL+16]. item-based [LCL+16]. Itema [CGM+19]. Items [BB17, CEP19b, CCMP18, C¸O13].

Itemsets [CLM14b, Den20, LHW+18, YK17]. Iterated [ML17, SOD18, WH19]. Iteration [BW97, DGR+15].

Iterative [KKHS01, RN04, BJNH05, BGC+03, CCL11, CWM+20, Cié04, FM10b, GZWQ13, HV03, dSL08]. ITIS'98 [EV99]. ITö [WDD18]. IV [HHXL13].

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

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

Jane [PF01]. Janet [BKL01]. January [Hul89, Ano20f, Rho89]. Japan

[Ano87m, Fuk85, Kag89, KA88, Miz89a, Nag86a, Sas85, Wii84, Yat88]. Japanese

[Ano84h, FS93, Kas85, Lin84, Van87b]. Java

[ADT03, AC01, AG05, BBD01, BP01, Ber00, BPLFLR20, BKL01, BFW+03, CDMR19, ESPP01, FW02, GW01, LTOT07, LP01, Lau01, LJ07, LRW01, MI01, MJ00, ORPPG20, PLL+18, SM01a, SEH99, SH99, SM01b, SEPV19, YdOLS+05, ZMN99].

Java-based [YdOLS+05, ZMN99].

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


JMI [GDEBC20]. Job [BCMM18, CCL07, CDD+10, CRTN17, Fer96, KSC+19, LBB+09, AAB+10, BMY10, BCC+17, BCB+07, CCL09, FCY18, GRH05, GR96, GD10, GPS13, HXL90, KHG13, KPJ19, LZ10, LNC11, LYQ06, LGL+17, MLBS11, OE13, QPTGG+12, RNJK09, SWG+16, SDD+09, TSBK13, TZST14, TLTY06, WWC14, WMLS14, WS10, WXX11, XY15].

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

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

jobs [GD10, JLL17, KNK+08, LAH10, LBU+10, PGPW09, RM11, RMHCMG15, WDR+19, ZQB+18, ZA14]. John [Ano87c]. Johnson [Her87].

Joint

[AAQ+19, KK10b, MMBD20, AMAY19, ECA+18, Gal87, HLL+19, HXY13, MSA+19, PSW+19, WZF+19, YHL+19, YZWG18].

jointly [HMMZ18]. Jorrand [vdR87c].

Josephson [Kaw92]. JPEG [HSP+13, QMCX19]. JSBricks [BBBD01].


JXTA [AMH10, HD05, SZC05].

JXTA-based [SZC05].

K-LZF [JMH19]. K-Tree [WTG+19].

Kalman [TM05, WLL+19a]. Karamjit [Ano87c].

KBS [SP93]. KDD

[DSSU97, FS97]. KEcruiser [TMHH19].

Keeping [KCC18, MPC+18, SSC+19]. KELM [CFD+20]. KeLP [MBFC99].

KelpIO [BFK02]. Kerberos [MPPM09].

Kernel [CAPG18, HKT94, JP18, LLS18, LZY+16, PRW14, RT06, TMHH19, vW19].
kernels
[BFR05, CRYG18, CGS95, JNPY06]. Key
[ABB19b, BBvdB18+11, DCL00, GLB18, PDH18, VCDK18, WSO16, ZZH16, ZDH07, AQRK18, APK18, CRRC18, FHZW18, FNA12, GAYTC18, GMDFLC17, GZL18, HAAW18, IOV18, JSMG18, KLW16, LCPO4, LBYL08, LHH17, LYY18, LM07, LHC03, LYT05, LZYC13, MLG18a, NXX09, ODK17, OSA019, PSLZ18, PM00, Wan19, WDKV19, WZ18, WHZ19, XZ14b, YXML19, YZL18, ZWX18, ZXWA18]. Key-aggregate
[GLB18, VDZ18]. key-delegation [JSMG18].

key-value [GAYTC18, WHZ19]. keyboard [Ale97]. keyless [ZXW18]. keynote [CCRL18]. Keys
[EHMS00, LH13b, LLL18]. Keystroke
[MR00, FZW18, MCRB19, MR19].

keyword [CZZ18, DKLZ17, HZL19, JHV1+18, LKZ14, LWZ19a, SA07, TDBR18, WHMO13, WXLY16, XTZ19, YDI1, YQZ1+19, ZSZ14]. keyword-based [JVI18+20]. KID [HMMW19].

kind [WTTH19]. kinds [WGM15]. Kinect
[AKG17+18]. Kinect-based [AKG17+18]. Kites
[VLC03]. KL1 [Bal93]. kleptographically-secure
[WLGL19]. kleptographically-secure
[WLGL19]. Kluker [vdR87f]. Kluzniak
[Teb86, vdR87j]. Knapsack
[WH19, HXWW18, OB19, VDPHS09]. knee
[AMAY19]. know [AAR18+20]. Knowle
[XWL1+15]. Knowledge
[BBCB18, Chv87, DP20, DD07, How91, NS19, SPCL04, SNA92, TY85, Wal86, Wie85, ZSP17, Zhu07, ZS16, ABTF16, ANO86, BBC18, BCdV19, BPA92, CSC19, DMP116, DLQ14, EDG1+99, FFPS10, GZS14, GRMSOG18, Hol93, KFE99, Kim07a, LSN1+20, LLS1+19, LwW14, LTZ15, MAE99, MED16, NS18, NJ19, Nis93, Ohy89, O目的是09, PP07, PMT10, Qu04, SBS1+19, SY04, SLE14, TCC18, TNY17, TF17, Van87b, WWH1+19, XLL1+19c, YMM00, YPH14, ZY90, dLLA93, vdr87l, CPJ20, NJ18, ZL04b, vdR87g].

Knowledge-based
[How91, SNA92, ANO86, CSC19, Hol93, KFF99, Ma89, Ohy89, TNY17, dLLA93].

knowledge-guided [EdBG1+99].

Knowledge-infused [ZSP17].

knowledge-intensive [SY04]. KOAN
[BP94]. Kogan [vdR87b]. Korea [HPP1+18].

Kowalski [Ano84k]. KP [HQZH14].

KP-ABE [HQZH14]. KRAS [YWG1+19].

Kronecker [BPS06, BKB18]. Kruse
[vdR87k]. Kruskal [MSA19]. Krylov
[Dat03]. KSR [LF95a, KSR].

Kuad [dOWdAS18+19]. Kurganov
[NB04]. Kutta
[CP06].

L [Zad87, TASAER18]. L-RNN [TASAER18].

L2P2 [LLL1+17]. Lab [BGJ1+06]. label
[GLVC18, ORP1+20, SLL1+17, WL1+19]. labeled [LT1+18]. labeling
[CFM19]. laboratories
[AKB1+01, BOWD1+19]. laboratory
[BGH1+03, BDZ10, CGL1+10, GRF04].

GFGB03, ZDL1+13, DDL013, SVN1+10a].

LACO [AMSPL19]. LaCoS
[BHH91, BHH92]. LADRA [LWR1+19].

LADY [WB90]. LAG [DW11]. LAIOS
[Dup90]. Lambda
[LR1+06, SDLB06, GIK18, MGYC06].

PT16, THN1+06, CT09, GAC19, GdBW06, PW09, TDV1+06, YLC1+06, THN1+06].

LambdaGrids [NF07]. LambdaRAM
[VBLH09]. LAN [HO02]. Land
[LNJ04, LL1+18]. Land-use [LN04].

landing [TYWZ18]. Landmark [RCM17].

lands [CAL03]. Language
[An086, BS91a, DZLA19, HSS92, An085g, AP96, BY93, BS92, CGMT20, DHS0b].

EHT10, EP12, ES94, FSD1+20, JSZ1+19, PMCP20, QG20, RBC1+18, SDW13, ST98. Sun10, XLL1+18a].

Languages
[CMZ95, Bal92, BL92, JBA94, MRV92. MSS02, Omo91, OP95, RMA1+20]. LANS
[HMW14]. Laplacian [DGA18]. Large [BBJ+06, CTT+08b, CHK98, CGJ+10, 
EGVT18, FAJP99, FBCF15, GSV+10, 
HKM+06, LKM14, LPK94, PB17, TLC+20, 
WVC05, AMBB18, AR15, ASAAM+19, 
ARP14, A1B9c, AQB15, BC15, BBSV92, 
BR19, BAPS14, BKB18a, BDL06, BDHK06, 
BCW01, BCG05, BCD+08, CEP19a, CZT+15, 
CZY+18, CDF+05, CRVZ15, CA13, CA15b, 
CR92, CZXL18, CGM+18, Dat03, 
DEL19, DAM08, Din03, DPL14, FDP17, 
FWB13a, GLA88, GLVC18, HB19, HST+18, 
HCL16, HZ10, IPG+18, IS18, Joh02, 
JTBS15, KTV03, LTN10, LSZ+16, MTV05, 
MKH06, MPR+16, MMVS19, NS10, PPZ12, 
PLA18, PF17, PPLL17, RN04, TJSW10, 
TY11, THT12, WRCC17, WCH+18, WDD18, 
WCW18, WY19, WWG+19b, WBJM14, 
WS10, YHJC05, YCAS03, YCX05, ZSFZ19, 
ZW10, ZYTC15, ZXL14, ZA14, dSK+19]. 
large-scale-application [TFDZ18]. Lark [ZBCT17]. laser [Fin99]. Late [MLBS11]. 
Latency [AS19b, Høf03, MHC14, ABB+03, 
CW13a, DHB02, FFL+19, GSC+19, 
HML+06, HSP+13, KIS11, PBHK01, 
SL+18, WPGN+18, WWZZ18, ZZSZ18]. 
Latency-aware [AS19b]. latency-sensitive 
[CW13a]. latency-tolerant [DHB02]. 
latent [LH20]. latterly [AAYL19]. Lattice 
[AKH+04, Bog99, SdSP04, ABL04, CJS19, 
CM99, CH04, D504b, DC00, FPdS04, 
HORC04, HRJ+04, I004, KKH01, 
ZaTZ+17, ZDW+18, DY04, NCS04, vdS04]. 
lattice-based [CJS19, ZaTZ+17]. 
lattice-Boltzmann 
[FPdS04, HRJ+04, KKH01]. lattices 
[ECE+19]. law [QCZH19, XLL+19c]. 
Layer [SVK19, AKCY+17, AAM+19, BGN19, 
CCLS09, DvHGdL09, FFL+19, GZ18, 
HDA+19, JBM+18, JZL+20, KSK+19, 
Kni89, KSM+07a, KSM+07b, LXMW15, 
LWW+16, MKY16, NWT19, PBHK01, 
SCS+18, TZZ+18, T19, VL19, WPGN+18, 
XKK20, YL19, YL20, ZN12, ZFY18, 
ZJW+14, dCRL+19, dSBN19]. layer-wise 
[JZL+20]. layered [AMQS+19, DD07, 
Kimon07a, MS01, PDK10, PSBB15, SSG19, 
SKF+11, SBK18, WJS+18, KJFS12]. 
LayerMover [ZF18]. layers [CvdRA+20]. 
layout [IdL01, KR14]. laziness [KGW95]. 
lazy [CK00, PY00, TV16]. LBBA [SC16]. 
LBBSRT [ZFC18, ZFC17]. LBGK 
[HvHAS04]. LBS [SL+17]. LDA [ZZJY16]. 
LDA-based [ZZJY16]. Leader [SW02]. 
Leading [KZ17]. Leading-edge [KZ17]. 
Leakage 
[WN18a, DLZ16, LZZ+19a, YAX+18]. 
leakage-resilient [DLZ16, YAX+18].
Learning [AMRM18]. leaping [LCW+18].
learned [HS98]. learners [GAA19].

Learning
[AAM+19, BGJ+06, BCM18, CLL+18a, IdAP19, LRIJG19, LLT20, MHdIS19, MGL+18, NK05, Pud01, RT16, ZTC+19, ZZN04, ZWMC19, AD18, AAN+18, ABDH19, ASAAM+18, AMK18, Ami90, AV00, ASY+18, AMBC19, BRL19, BDA19, BTP19, BLAV06, BW19, BMP+16, CMEA+19, CFMC19, CMT16, CJN+15, CMV+19, CLL+14, CAL+18, CWL20, CRWZ19, DRC+19, DFG+19, DA16, DGR+19, DC18a, DGC+17, ECFF17a, FSV+19, FFG+19, GLC19, GHGP19, GPJA+14, GHP+18, GMH20, GDP20, GBE00, GLD+19b, HS17, HUMA18, HPGM18, HX19, HXL+18, HHS+18, JSZ+19, JOSD19, KMK+19, KI19, KAP19, KMI11, KKS18b, LJJC18, LS+19, LLH+17, LLY+18, LYYG20, LJW+19a, LXT+19, LYLY19, LAT+20, LGL+20, LJW+19b, LZWF19, MFSV19, NS184, NK18, NGB18, NAAC19, NAM+19, NLV+19, PZC19, PBL+18, PWWD18, QCY+19, QCZH19, RGAT18, RSY+18, RHH+19, RGM+19, RSB20, SD18, SI18, SRP19, SY+19, SHK00, SNC18].

learning [dSScd19, SZD+17, SR19, SHL+19b, SZO+20, TLC+20, TNY17, TYYW18, TBG+20, VGBLGS+06, Ven08, Ven09, VRGR16, WZ+19, Wan20, dWdAs+18, WLB11, WXZL11, XZZ+14, XHW19, XKBA18, XLL+18a, XLL+14, YYW+19, YWLL19, ZGV19, ZXN+19, ZZ19, ZSQ+19, ZYC+19, ZSL+19b, ZCS20, dIfVPSSh+14, Ano86, ZBF14].

Learning-based

left [DNW+19]. legacy [BBW08, BLK01, DW11, KT08, LZW01, ML08]. legal [CCIP18, Ser95]. legal-rule [CCIP18].

Legion [NHG03, CKKG99, NHG02].

LEGIoT [MPLM18]. Legislation [Ano84].
Lenat [Zem86]. length [CP06, LZL+12].


HSS92, LYW+16, PRF20, AD18, AFS16, AJY12, ATT96, AMR18, dRADFG18, BSOC06, BMFC07, BSOK+20, CLP95, CST92, CMS+18, CDF+20, CXC+18, Ciu10a, CDD+10, CHY+18, EMHE18, FG14, FWB13a, GOBL16, GJ+12, GLXF17, JLI+13, KKS08, Kea99, KKM+14, KMK+14, KSM+07a, KSM+07b, LA19, LKA+08, LJW06, LBB+19, LSG+19, MZP+19, MT18, MJRM16, MLBS11, NAAC19, ORPFG20, PLLA18, PKC04, PRS12, QPTGG+12, RZ16, RPFM10, RS17b, RMHCMG15, Rus90b, SRZD15, SVN+10a, SEMJ11, SK18, SGL+20, SSL13, TSBH11, WLYL11, WW14, WZWC18, WBF08, WDR+19, YKL+07, YDT19, ZYL+20, ZLZ13, ZCK+15, ZZH+16, ZDR07].

levels
[CEJK94, FB93, Kim18, LYJ10, LWT18, MKT09, SPBT07, TTB+13, UCT].

Leveraging
[CFM19, CFMC19, HWS07, LLF+18a, CTT07, DW11, DLZ+14, HXL+18]. Levy [NB04]. lexical [HK88]. lexical-functional [HK88]. LGF [BBW08].

LGIEM

library [AFS16, ACE02, BFK02, BF97, FBBW99, GD93b, GLM+18, HST16, HK88, HZ15, HX00, HZL+19, HWB11, WXZL11, XZZ+14, XHW19, XKBA18, XLL+18a, XLL+14, YYW+19, YWLL19, ZGV19, ZXN+19, ZZ19, ZSQ+19, ZYC+19, ZSL+19b, ZCS20, dIfVPSSh+14, Ano86, ZBF14].

licensed [SLH+19]. licenses [CMZ+12]. Lie [BC03, CMO03, MPQ03, MKK03]. Life

[ABM+07, AFO+18, CBBC+17, CRWZ19, DZJ+00, GCBM17, GPS+17, JOP14, Kom89a, LWHC07, LWZ+19a, ML19, RCW+19, SFR15, SCJ+19a, WOPW13, ML19]. life-cycle [DZJ+00]. life-long [ML19]. life-threatening [AFO+18].

lifecycle [KAS+18, LYW+16, SPS18].
Lifetime {CXZ$^{+19}$, PLZX$^{19}$, KCM$^{19}$].
Lifetime-aware {CXZ$^{+19}$, PLZX$^{19}$]. Light
{DS04a, AKB$^{+18a}$, Eng14, LLZ$^{+18b}$,
LLL$^{+18}$, PCK19, SJR13, SHB$^{89}$, YSL$^{19}$,
ZXW$^{+19}$]. light-based {SJR13}.
light-weight {Eng14}. lighten [ZDM$^{+19}$].

Lightpath {GXD$^{+09}$, JHL$^{+06}$, KMCH$^{03}$, SLJ$^{+06}$].
lighpaths {CGD10, GMM$^{+09}$, GFR$^{+06}$].
Lightweight {AMSLP19, GAI$^{+18}$, HKT$^{+19}$,
MRR$^{+20}$, MPLM$^{18}$, ZLY$^{+19}$, AMN$^{18}$,
AMKC$^{19}$, BLC$^{+19}$, BK6$^{6}$, CMS$^{+18}$,
CRRC$^{18}$, DL$^{19}$, EGK$^{+07}$, HZL$^{+19}$, HZL$^{10}$,
LGL$^{+20}$, MCN$^{+18}$, MHY$^{+18}$, MLBS$^{11}$,
OSANAM$^{19}$, RMA$^{+20}$, dRRRR$^{+18}$, SZP$^{00}$,
SCS$^{+18}$, WSL$^{+19}$, WLS$^{+18}$, YCT$^{15}$,
ZZX$^{+19}$, ZZL$^{+19}$, ZSW$^{+18a}$]. like
{CMT01, DDL01, Ole07, Prz03}]. limb
{KPG19}]. Limitations {YNN$^{+20}$, ABdL$^{105}$,
DGY$^{+18}$, KSC$^{98}$, NSI$^{7b}$, Par87}]. limited
{ILLC12, YDQC$^{19}$]. limits [LN13].

Lindström {vdR87b}]. line
{BMR15, BW95, CCZ$^{+19}$, CDP$^{19}$, EV98,
LVH$^{08}$, LLW$^{+19c}$, TJ18, Ueh89}]. linear
{ADAA12, BJNH$^{05}$, BCdV$^{+19}$, BDN$^{13}$,
BFR$^{05}$, BRM$^{04}$, BC$^{05}$, CHT$^{+15}$, CNY$^{14}$,
DHD$^{89}$, FPdS$^{04}$, GKS$^{05}$, GGA$^{+17}$, HPP$^{94}$,
JLRS$^{18}$, JLQ$^{18}$, Lop3$^{03}$, LD$^{04}$, Pan95a,
PHL$^{98}$, PHQ4, SGFS$^{01}$, SG$^{04}$, TMG$^{11}$,
WW$^{+17}$, YPCK$^{12}$, ZZZ$^{12}$, vdV$^{89a}$]}

linear-time [LD$^{04}$]. linearization {Robo5}.
lines {CFD$^{+20}$, MdOO$^{+17}$]. lingual
{CGZL19}. linguistic {CPE$^{+17}$, ECPI$^{17b}$].
Link {CC00, GCPPGB$^{10}$, HQL$^{10}$, KP$^{18}$,
LTC$^{12}$, Sun10, WQF$^{+10}$, Zhu10, AK$^{18a}$,
BCF16, CGM$^{+18}$, DFSZ$^{88}$, GGC$^{17}$,
GXZ$^{+18}$, LZ$^{20}$, MBD$^{+18b}$, MAQ$^{+20}$,
NLC$^{19}$, RRU$^{+18}$, SMG$^{18}$, SRP$^{19}$, SGS$^{+18}$,
XWL$^{+15}$, XLH$^{+19}$, YCZ$^{18}$, ZGL$^{19}$, ZS$^{10}$].

Link-time {CC00}. linkable {ZLL$^{+19}$].
linkage {TT$^{+14}$}. Linked {CDH$^{+19}$,
DMM$^{11}$, Ans11, BBD$^{+13}$, CPSRG$^{14}$,
DML$^{20}$, Li10, CAS$^{+16}$, PVHT$^{19}$]}. linking
{ABCD00, GTM$^{19}$]}. links {ABdL$^{+03}$,
ACD$^{+19}$, CWJD$^{19}$, KCM$^{19}$, WLRL$^{18}$].
Linux {VSM$^{02}$}. Lip {KLH$^{+04}$]. liquids
{Fre94, SBS98}. LiReK {CRNC$^{18}$]. LISA
{PCK19}. Lisp {Oko92, YTH$^{84}$].
Lisp-Based {YTH$^{84}$}. list {BB$^{13}$, DNP$^{14}$,
LY$^{18a}$, Par04, YK17, YNL$^{19}$]. list-based
{DNP$^{14}$}]. literature {ABP$^{18}$, AMS$^{19}$, JC$^{08}$,
MND$^{+19}$, MCWP$^{16}$, SDW$^{13}$}. Live
{DK$^{17}$, FS$^{19}$, J$^{+14}$, AS$^{14}$, CFMC$^{19}$,
HZW$^{+16}$, JFZL$^{17}$, KO11, KSK$^{+11}$, Ljj$^{13}$,
L$^{+18}$, LH$^{+19}$, MYW$^{+19}$, MC$^{19}$,
SL$^{+16}$, TDG$^{+06}$, TCN$^{+16}$, YMD$^{+13}$].

live-broadcasting {LR$^{+18}$].
live-streaming {MC$^{19}$}. liveness
{GAFF$^{12}$}. liver {wZeZN$^{+19}$]. living
{FKT$^{14}$, SJ$^{19}$, TMB$^{+19}$, VKT$^{+19}$}. Load
{BL$^{02}$, CY01, OSH96, dRSS$^{97}$, AA18,
AB19e, AS$^{18a}$, BCM$^{01}$, BM$^{08}$, BBM$^{10}$,
CT$^{19a}$, CWD$^{04}$, CSJ$^{05}$, CRC$^{13}$, Cht04,
DSL$^{+12}$, DX$^{+18}$, GOBL$^{16}$, HLW$^{12}$, IS$^{18}$,
KRZ$^{12}$, KNK$^{+08}$, KIC$^{12}$, LYM$^{09}$,
LZW$^{13}$, LLW$^{+18a}$, LPP$^{+20}$, LN$^{18}$, MM$^{03}$,
MKM$^{11}$, PGSM$^{05}$, PAL$^{+19}$, PRC$^{+14}$,
PBC$^{+16}$, PBC$^{+17}$, Qin$^{07}$, QCY$^{+19}$, SB$^{97}$,
SDTA$^{19}$, SL$^{11}$, SMG$^{18}$, SJTN$^{18}$, SMA$^{08}$,
SYL$^{18}$, TDC$^{+14}$, TZZL$^{18}$, ZGB$^{+17}$,
ZMS$^{+06}$, ZSI$^{08}$, ZGL$^{+18}$, ZFIC$^{17}$, ZFIC$^{18}$,
VVB$^{15}$, ELvD$^{+06}$]. load-aware
{KIC$^{12}$, ZGL$^{+18}$]. load-balance {DX$^{+18}$}.
load-balanced [SDTA$^{19}$]. Load-balancing
{CY01, AA18, LZW$^{13}$, PGSM$^{05}$, SJTN$^{18}$,
ZMS$^{+06}$]. loading [HSC$^{15}$]. loads
{NJF$^{18}$}. loan [WGC$^{19}$]. Loc [WGC$^{19}$].
Local [Han$^{03}$, LBB$^{+19}$, PSS$^{+18}$, REM$^{04}$,
ABMES$^{18}$, AEGF$^{+01}$, BCDV$^{+19}$,
BPC$^{+01}$, FMRS$^{18}$, GJ$^{18}$, Hua01, HLL$^{12}$,
KMT$^{14}$, LZZ$^{+12}$, MLC$^{+20}$, PM$^{14}$,
RCMT$^{18}$, SWW$^{+13}$, WCM$^{+19}$, WH$^{19}$,
XZW$^{+19}$, YPX$^{+20}$]. Locality
{HSC$^{15}$, SDA$^{19}$, ZZL$^{+18}$, BCM$^{01}$,
HNK$^{18}$, HBC$^{01}$, JLD$^{+19}$, KW$^{20}$, Leo$^{98}$,
Leo01, NNRA$^{19}$, QZD$^{+18}$, SCSS$^{11}$, TSK$^{03}$,
US$^{16}$, WWC$^{14}$, WWQ$^{+18}$].
Locality-aware
[SDTA19, SCCS11, WWQ+18].
locality-sensitive [QZD+18]. Localization
[MLW18a, SYJ+19b, DdSDN+19, GAI+18, 
HHH+19, HXY13, SJL+17, WWSL19].
localized [WKZ+03]. Locally
[PFMC04, BRL19].

location-aware [PKC04]. Location-based
[CT19c, DA18, LLW+19a, 
LNLA19, DGY+18, FWB13b, GCCL18, 
GBKJ18, HZW+18, HHW+19, HMC19, 
M9K+04, MVCC10, NWD+18, 
NZL+15, PKC04, PLW+19, SLL+17, WZE19, 
XCX+18, XCS+19, YXA+18, YZL+19, 
ZCLW18, ZLT+19, ZWS+12, SCH+17].

location-sharing [PKC04], Location-based
[CT19c, DA18, LLNA19, HMC19, MQL+19, 
NZL+15, PLW+19, XCS+19, ZCLW18, ZLT+19]. location-label [SLL+17].

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

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

Logging [RT06, AMH04, EH10, LBB+19, 
LM12, PY00]. Logical [De 88, KB16, 
SYJ+19b, Ano84k, Ano85g, BS96, BDNN02, 
CST91, CY90, DCK03, DT93, DIW86, 
GBY16, LLJ+11, LvW14, MYHZ18, 
MLGGB+17, OMD+18, Qu04, RBC+88, 
SGdMM96, SZR18, TWW+18, Yos89, ZT90, 
ZTH19, Zha93, ZS90, dB90, vDr87b].

Logic-based [KB16]. Logical
[BB84, BB95, WMM+01, Van93].

logical-time-based [Van93]. logically
[MRV01]. LogicalFlow [KP00]. Logistic
[RRKA19]. logistical [BBG+05, Zhu18].

logistics
[ATH+19, SPCLO4, YLL+19, ZL04a]. logs
[PKB19, WLL+19]. London [vDR87b].

Long [OS06, RSK16, DQXW19, DLS+12, 
HKU+11, HKG+16, JLS19, KTV03, ML19, 
MGH+05, PM14, WWD+14]. long-distance
[HKU+11]. Long-haul [RSK16].

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

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

Loom [BCD+18]. loop
[EKGS14, KC98, LTC12]. loop-free
[LTC12]. loops
[ACD+19, LRMC94, XHY+90, ZFMB20].

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

Loosely-coupled [Mis92]. Lop
[RGDM16]. LoRa [DBP19]. loss [GDP20, 
JCL+19, KDHP16, LN04, RMD18].

losses [DDJ+18]. Lossless
[DQ97, CCD+19, CCM98, HDB18]. lossy
[ASO14]. Low
[ABP16, GUV1R1V14, KWK16, LL+18, 
MMC+18, RS17b, SJHR04, SLL+18, BTG19, 
BSE+13, CEJK94, CALN03, DMC+19, 
FFL+19, GSC+19, GE90, HML+06, HSP+13, 
JCMPP+18, LA19, LEW19, LYL+19, 
LZHY19, LYY+20b, MTKS00, SPT+18, 
TLC+15, TWW+18, VVC+12, WPGR+18, 
WWG19a, vdLLE19, DT94]. low-cost
[BSE+13, LEW19, LYL+19]. low-footprint
[VCC+12]. Low-latency [SLL+18, FFL+19, 
GSC+19, HML+06, HSP+13, WPGR+18].

low-level [LA19]. Low-power
[MMC+18, DMC+19, WWG19a, vdLLE19].

low-resource [TLC+15]. Low-time
[ABP16]. LP [SISC18]. LPCMsim
[HKT+19]. LPTD [ZZX+19]. LR
[GHMX10]. LR-WPANs [GHMX10]. LSI
[Abe92]. LSTM [YGY+19, ZDM+19].

LSTM-EEG [YYY+19]. Ltd
[Ano87b, Ano87l]. LTE [GSP+17, VL19].

LU [MvdV01]. lucrative [SH19]. lung
[HLZ+19, KMK+19, LYYW19, YW+19].

Lyapunov [DE03]. Lyon [BBB+99]. LZF
[JJH19]. LZSS [OSC14].

M [vDR87g, ZCDV19, OSCY93].

m-Healthcare [ZCDV19]. MA [vDR87g].

MAC [CLL+18a, CCG+18]. Mach [CR92].

machina [PKSC02]. Machine
[Ama88, Ama89, Ama86, BCL88, BVP+87, 
BDF+99, BHH+93, BS91a, BB84, BB85, 
BCMM18, CCKW88, CH59, DGR+19].
[JCP+20, LY19, LLT20, MHdlS19, MG+18, NK18, Por95, XHW19, XWW19, YTHY84, ZTC+19, AD18, AAN+18, AD19, STEP98, Ano87, ASY+18, AGK12, AMBC19, Bas93, BD19, BS92, BFC02, CPB00, CFMC19, CFVP12, CM+19, CLY, CGZL19, CCL+20, dCCDFdo15, DRC+19, DA16, FSVY+19, GH+18, GDP20, GLD+19b, Gur85, HSV+17, HPGMM18, HSC15, HXL+18, HAA+16, HHS+18, JNR12, JOS19, KI19, KCS14, KSY92, LJS17, LSN+20, LYY+18, LLW18, LL+18, LFHQ19, LRXS19, LLZ+19, LLY20, LJW+19a, LSW+19, LAT+20, LPB+18, LZY+16, LJW+19b, DPBK16, Mur86, Naga86b, NTN86, Nêmo00, Nit86, NAAC19, NAM+19, PZC19, PFPJ18, Ponz19, QG20, Ram95, RHH+19, RGY+19, RCTY19, SI18, SHLJ13, SNC18, Sim66, dSscDL19, SBP+17, Uch86, VVB13b, WGO0]. machine [dOWdAS+18, XJW15, XZK+20, YLJH14, YPLLZ17, Zad87, ZWW19, ZY+18, ZHHC17, ZFY+18, ZGV19, XM+19, ZLL+16, ZY90, ZSL+19b, ZCS20]. machine-based [LZY+16]. Machine-Learning [MHdlS19, DA16, GH+18, JOS19]. machine-room [Ram95]. Machines [DK17, LYY+17, SvaAS01, AS19a, ADA+19, AAM+16, AS14, BHK90, BM00, CHS+18, CC98, DEG+17, DHS00b, DHO00a, DK00, DQLW15, DCMW17, GV13, GMM20, GBT87, HMHH17, HZZ+14, JRSL18, JLL17, JDW+14, KZLK06, KTY03, KSSG16, LLF+18a, LJL12, LC13, Man15, MK19b, PM04, PRC+14, SS13, SDDG17, SLA+16, TMVML12, TDG+06, Uch87, WQG15, WHCZ18, XWW+17, ZWHC17, dITK92, SM01b]. Macroeconomies [HPLL08]. macromolecules [Kol89]. macroscopic [DS99]. macrostep [Kac00]. Macular [TBS+18]. made [SS90]. Madison [vdRR86b]. Magazine [EV98]. magnetic [HZX+19, RDS18]. Magnetohydrodynamic [GPH+94, Ano96b]. magnetohydrodynamics [BvdHN+01, MPG96]. Magnus [DR03]. mail [LLO4b, Öst92]. Main [BLM19, HX19, TTT+14]. main-belt [TTT+14]. maintain [Mat18]. maintenance [CPLH19, DPS16, LWTL19a, ZH17]. Major [HSS17, Lit03]. make [SI19, TMM+13]. Maker [JBR+16]. makes [MMC+18]. Makespan [JZWL17, JLL17, RNJK09, WWBS11, ZS+19]. Making [CN98, GSKS20, HNS05, RRP+14, WBT+08, ZDW+16, APR+19, DDD8, FM+20, GS05, JXZ+19, KK10a, KFF89, KKS+18a, NIW89, PP07, vDR87f]. malapps [WWE17]. Malicious [YJL+19, BTP19, LLQS14, LMM19, MRL14, PZC19, WLW+18]. malware [AD18, ATT+20, HDKC18, HLH+18, HAA+16, HIA+18c, HAAR+19, MHdlS19, MAY18, QCO19, TGG+20, VMM20, ZZR19]. mammals [WMBV17]. mammograms [SYT+19]. mammographic [BMU18, FMRV14]. man [JCL+19, LSW+19, TDG+06]. man-in-the-middle [JCL+19]. man-machine [LSW+19]. MAN/WAN [TDG+06]. manage [CCMP18, CDRRdCB19, EAS+18, MAB+15, OAMS18, SFR15, TMS+17]. managed [CRM+16, LHPC+19, NJHT11, RPP+20]. Management [AR10, ABB19, CDH+19, GS16a, KVVCY20, SE19, WXYL15, ABA06b, AB19a, ABGMC19, ADM90, ANG+19, AAB+10, ABAJ20, ACHP19, AMP19, Ano86j, ADK+09, AME+18, ACC+16, AK18b, BAJ+19, BLO+18, BBW+18, BJWZ08, BFL99, BFP18, BCF+10, BAB12, BPP+07, BDM+20, BN17, BDL06, BCP03, BDH14, BCD+18, BRNR15, BR10, CMZ+12, CMEA+19, CXDM18, CPD+15, CFG+19, CO03, CKK+04, CLL8b, CKKG99, CLM+16, CYZ15, CLS19a, CLDC19, CT09, CAB+18, CS19, Coo86, CR14, DCL00,
MANETs [JFD09, ZYW+18].

maneuvering [BRL19, LWX13].

Manifestations [PKP19].

Manifold [AH94, XLL+14].

manipulate [VOCHC17].

manipulation [DMM98].

managing [kHsJW18].

manufacturing [HDC+94, HMW+19, HCX+19, SSST17, SSW+19, WG91, XWZYF19, ZMS+06].

Many [HYZS16, Len01, CLH10, EDH+13, JLY+18, KYPJ20, LC14, MAC14, MCA+18, MGMT18, YLY+17, YDT19, ZAB15, ZCL+14, ZLG+14].

Many-core [HYZS16, EDH+13, JLY+18, KYPJ20, LC14, MAC14, MCA+18, MGMT18, YLY+17, YDT19, ZAB15, ZLG+14].

Many-particle manager [Len01].

many-task [MGMT18].

core [HTL+18, JPBL17, Li18].

Map [RK20, Bro19, DR03, HX19, KLC05, LLW+18a, LWK+18, MZL+19, SCCS11, FJ00, DL04, LLP+20, STA17a].

Map-Balance-Reduce [LLP+20].

map-based [LWK+18, MZL+19].

Map-optimize-reduce [RK20].

MAPFS [PCG+06, SPK+07].

Maple [YAO07].

Mapper [MLC18b, MSS+16].

Mapping [AEGF+01, MRT+19, Mil11, MFT+17, Van92, YG18, dRSS97, AUSA19, BSOK+20, DSK+14, DKV14, DSTM10, DSTM14, HSC15, KTM+08, LJW08, LvW14, MBM18, MS03, MEBA12, RE06, YWZ+18].

MapReduce [FDGR14, ACK+15, DDJ+13, DFGR14, GAMC19, GZWQ13, HSC15, JGBF18, JZWL17, JS13, LKM14, LQK+16, LLC+16, LSZ+16, LLP+20, LC14, LLAH13, LJS+14, MVL12, MLC18b, NNRA19, SEMJ11, SDDA19, SB17a, SJ172, TM20, VETT16, WTR+13, XX14, XTT18, YWF+10, ZCK+15, ZFS+18, ZWZ18].

MapReduce-based

[LLC+16, LSZ+16, SB17a, YWF+10].

Maps [AS18b, Che18, DH16, DMM14, KLW+16].

March [BFS+17a, ANOA20].

margin [CZ12].

MARIANE [FDGR14].

Marine

[YWZ+18, FCD+14, WMBV17].
[MNC+18]. Market
[JBR+17, W16, JRF+17, Lin18, RT16, RA12, SSJ19, SCMS12, SVB07, TBO20, W18, WBR19, Yam18].

market-based [SCMS12], marketplace [JBR+16, MVG+14, VMSRM+12].

marketplaces [ABH18], markets [BAB13, MG16, PRS12, VPT+10]. Markov
[BDL96, BGB+07, CL11b, LW14, LW18, WQG15]. MARN [SJQ20].

marginal [BPP18], MARSH [GR96].

marshaling [PVH05]. Mashup [PC18a], mashups [DVX11]. MASi [GHJ+19].

massing [BMU18], mass
[KVK+18, SYT+19], mass-gatherings [KVK+18]. masses [BR18, BMU18].

Massive [SG95, BORM07, DGD+16, FMG11, KKK07, LXL+17, NS17a, SGB+18, WML14, WRBG94, YYS+19, ZHR19].

Massively [DDG+92, KI20, CS96, Gil94, JBA04, KZL06, NOF18, PDK10, PN09, YDL05]. Master
[LC14, Bum13, HCL07, PCC18].

Master-worker [LC14]. mataswitching
[HI+99]. Matching
[DDR96, LPZ+18, TOS18, AYF19, FTL17, GWW+19, GHW+20, KNK+08, LLC+16, LLA17, MWQ+14, MM03, NWMG17, PRN14, GQX18, T118, WHCZ18, WJXZ+19, YZL+18, YZW18, YS18].

Matchmaking [DT16, CCD+10, LCBF13, LDS+18, LZZ19, YAO14]. MatchTree
[LCBF13], materials
[Gil94, HLC16, MZD+16, SYT09, SCK+00, WRBG94, WAD+89, ZMS+06]., maternal
[AP+19]. Mathematica [UB07].

mathematical [KAOK08], mathematics [AMB03]. MATLAB [BKG05, EPJ+05].

MATLAB-based [BKG05], matrices
[Amo06, BH03, WHCZ18, dSL98], Matrix
[XZ14b, BST+08, CDS03, Dat03, GGM18, HBCR01, Jun18, Kat04, KR14, LC04, LXM+18, LGZY18, SJL+17, VS19, WYL+18, ZWL+16, ZCH+17, ZC18].

Matrix-based [XZ14b]. matrix-vector
[ZWL+16]. matroids [YH18], matter
[Tof99]. matters [PD11]. MAX [SH00].

maxillo [SGL99], maxillo-facial [SGL99]. maximal
[LWH+18, SL+18].

maximization [HMC19, KC19, MG14, NBB18, TL19, WDD18]. maximize
[YDC19]. Maximizing
[MFL18, SMS14b, WJL18]. maximum
[CZ12]. May [An10r]. MC1 [LPS19].

MCA [SAH19]. MCA-V2I [SAH19]. MCC
[vdR87]. McCord [vdR87]. MCDM
[HFL+19, RM+16, MCC16]. Matchmaking
[BDD13, CZT+15, DMM+99, GSY+17, LXRS19, LRC+18, PSP+09, VVC+03, WLR18, XLL+19c]. measurement-based
[VCC+03]. Measurements [SEC18].

measures [DLTGMP16, GJ18]. Measuring
[HRVW18, KdG+19, PARMF14, VLAC+13, dSCD+19, vKLA+19]. MEC
[SISG18]. mechanics [Ald09].

Mechanism [ABB19, WDV+19, AR15, ABF+15b, SYJ+19, AZO+19, CSJ+17, CCW+20a, CWW+19, Ch04, CB10, CC09, CWW19, DWM18, Dho20, DLS+12, EK11, ECPF17b, FZC+20, FD95, GA13, GZW18, HY09, HLM12, HAP15, HLDW13, JFDF09, KKN18, KTM+08, LCP04, LZXJ19, LJY12, LMMW15, LHX+18, LQXL10, LLGY18, LLW+19, MVL18b, MV09, PW18], RYH+19, SMG18, SJTN18, SSL+19, SOM+19, TGM+19a, TMP15, TAKV12, WZE19, WWZ+20, XG20, XDH12, YLL18, YX+16, ZA13, ZRX18, ZTC20, ZZ09, ZCDV19, ZA14]. mechanisms
metadata [BJA+05, GHJ+19, LFH+15, MRT+19, Mil11, POMK20, YMW13].
metadata-driven [GHJ+19]. METAFOIL [BS96]. metagenomics [DMC+19, MMC+18, SGP+09]. metaheuristic [DOV01, GGK20, TF18].
Metal [SPSP17, HW95]. Metal-as-a-service [SPSP17]. metamodel [GHGP19, LKG08, WBKL16]. metamodel-assisted [LKG08].
Metamorphic [DML20]. metaphors [MB01]. metascheduler [TCR+12, VHML10]. metascheduling [LGW07, MHA08]. metasystems [CWW+99]. Meteor [ZHW19].
meterological [HCMJ19, LHJC18, SGL+20]. metered [YVCB10]. meters [JLC18, RAdARP19, TAS+18].
Method [DB99, KPG19, AFSH+19, AIA+18a, BLL+19, BCFS02, BV04, Bou95, CXXL18, CYV+19, Cro95, DS04b, DS99, DHL18, DCC13, DNL+18, DZLA19, EMM12, FJ18, FW19, FT07, FWB13a, GAFFO12, GOBL16, GPS13, GLX17, HCMJ19, HNK08, HES99, HvHAS04, HPP94, HPLL09, HRJ+04, IO04, IAL10, JNR01, JLS19, KIS11, Kom89b, Lee04, LN04, LZXW13, LLC+16, LYY17, LCV+18, LYY18, LLW+18a, LXS19, LYY+20a, LJ19b, LZX12, LZX16, LZW+18, LXT+19, LZZH19b, LSW+19, LMCSE20, MQL+19, OA17, PASM18, PNZ14, PVHTP19, PDK10, SKT+08, SMC18, SWW+13, SOIS12, dSSCdL19, SAG19, SLW01, SYQ+19, TDC+14, TMDZ15, TSS+19, TVWZ18, VS19, VSTC17, VFS01, WCM+19, XXZ+19, XLL+19a, XXQ+19, XJZ+19, XZK+20, YLHJ14, YJS18, YJY+18, WXW19, ZBBP19, ZDL+19, ZCZ+18, ZZZ17, Zhu18].
methodical [MS19]. methodological [CVT19, CGM+19]. Methodology [DDO+92, Ham17, vDR87c, ACMM19, BJWZ08, KKS+18b, LCY19a, Mat89, MSBA16, MED16, OP97, SRT02, TF17, ZYL+20, HCK20a]. Methods [ALFR16, BHH91, GLS99, PBT02, AHdJF97, AAC+19, AMM16, BMS01, BHH92, BC03, BST+08, BPM+16, CP06, CMO03, CXXZ18, CLR18, CM19, Cie04, Cuz14, Dat03, DL06, DR03, EL03, EWG99, FLT17, GK18, HND06, IS03, KG01, KVvE18, KW20, KGO+20, LY19, MLG13, MG19, Mal94, MYBMM18, Mar90, MR03a, MR04b, NK05, PP06, PRW14, Rum99, SPR+10, Tof99, XA10, ZM97, ZN12, ZMS+06, dLB10]. metocean [KNI+18]. metric [LYW+18a, LWSY18, PSL19].
metric-based [LYW+18a]. metrics [ALFR16, BHH91, GLS99, PBT02, ADAMF97, AAC+19, AMM16, BMZ01, BHH92, BS04, BV04, BV14, BV04, CXXL18, CYV+19, Cro95, DS04b, DS99, DHL18, DCC13, DNL+18, DZLA19, EMM12, FJ18, FW19, FT07, FWB13a, GAFFO12, GOBL16, GPS13, GLX17, HCMJ19, HNK08, HES99, HvHAS04, HPP94, HPLL09, HRJ+04, IO04, IAL10, JNR01, JLS19, KIS11, Kom89b, Lee04, LN04, LZXW13, LLC+16, LYY17, LCV+18, LYY18, LLW+18a, LXS19, LYY+20a, LJ19b, LZX12, LZX16, LZW+18, LXT+19, LZZH19b, LSW+19, LMCSE20, MQL+19, OA17, PASM18, PNZ14, PVHTP19, PDK10, SKT+08, SMC18, SWW+13, SOIS12, dSSCdL19, SAG19, SLW01, SYQ+19, TDC+14, TMDZ15, TSS+19, TVWZ18, VS19, VSTC17, VFS01, WCM+19, XXZ+19, XLL+19a, XXQ+19, XJZ+19, XZK+20, YLHJ14, YJS18, YJY+18, WXW19, ZBBP19, ZDL+19, ZCZ+18, ZZZ17, Zhu18].
middle [JCL+19]. Middleware
[BS17, GLXF17, KT17, PSVL02, PZY16, SCL18, ARSAMY19, AMPZ16, ADK+09, BGN19, Car03, CD08, DVVD02, DPP03, EGK+07, FTP14, FKT14, GAC17, GVGB17, GMB+05, GGH+06, GTMZ17, KK10a, KJJJ10, LGW+17, LDS06, MKM11, MWL+18b, NJHT11, PNH99, PZY17, SZP00, SHJ06, TDLC17, YJA03]. middleware-based [DVVD02]. middleware-layer [BGN19]. Middleware-level [GLXF17]. middlewares [AFF+09]. Midgar
[ALM+10, GVD16, KLM+05]. Migration
[DK17, GWO03, dRSBH94, AMK+92, AS14, CYL10, CDJ13, DKV14, FNCR11, GGTRRC16, HHI9, HZW+16, JDW+14, LLL13, LWT19b, LFQH19, LLZ+19, DPBK16, MYW+19, PFPJ18, RCTY19, SJO20, SM01b, SE19, SLA+16, TDG+06, ZMTT16, ZZ17, ZHHC17, ZFY18, ZZ19, ZSL+19a]. migrations
[PK11, ZG19]. MIH [GSY+19]. Military
[GlS85a]. Millyk [SBV+19]. millenium
[KZBK99]. Miller [vdR86b]. millet
[DJJ+18]. million [Eng14]. MIMD
[CS93, DFSZ88, Hey90, Kal94, KM01, Pri95, VSV95]. MIMD-multiprocessors [KM01]. MIMD-supercomputers [DFSZ88]. Mimic [LZ18]. MIMO
[WCW18, YSY+19]. MIN [SH00]. Mind
[Zad87]. Miner [ZSQ+19]. miners
[FZC+20]. MinEX [DHB02]. Mini
[Kaa98, TF18]. mini-batch [TF18]. Mini-conference [Kaa98]. minigrid
[YBQ07]. minimal [TVV13]. minimising
[DHS99]. minimization
[APAZ17, HLL+17, JZWL17, LGL+17, MFN13, TWG+19, WYD20, ZF16]. minimize [RNJK09]. Minimizing
[JLL17, ZAC+18, ZZS+19, DLXR14, GR96, LSCL19]. minimize [Dzw97, LY17]. Mining
[CEP19b, CML14b, Den20, DSH+99, FGM11, FZHH14, HIA18, JL14, LGW07, MNC+18, MKT07, MRL14, SA97, XLZ+14, YXZG18b, YK17, ZDW+18, AMK18, AW97, CTT02, CGM+07, CPA14, CTT07, CS97, DGD+16, FS97, FJT01, FM01, FdSC07, GGH+06, HS19, HPS97, HX+18, JRF+07, KOP+17, LY17, LY18a, LC15, LWH07, LLS07, NSP07, OFT09, PSR+07, RAK18, RK20, SGKC10, Sin07, SD07, SFS+08, SSLF+10, TOM+20, THA+17, TNY17, TIHT14, WTG+14, WWZ18, YLYV15, YLG+16, YL16, YNL19, YNK+20, ZLD+03, ZZ14]. MIoT [BLM19]. MIOV [LYF20]. MIP
[MMV08]. MiPeG [CD08]. Miscellaneous
[Ano97d, Ano97e]. miscible
[FPdS04]. mismatch [MC+15]. MISOSE
[YL20]. Missing
[APR+19, EBOY14, TSAE18]. mission
[BPAP92, Lau92, MC04, RRU+18, TMV+07]. mission-critical
[MC04, RRU+18]. Misty
[AMQS+19]. misunderstood [CSL19]. mitigate
[SMF+19]. Mitigating
[LYW+18b, OWX19, ASB18, TA18, WSQ+18]. mitigation
[GMP20, HA19, RWJ+20]. mitigations
[KdGP+19]. mix [LM19, QC18, AGP+92]. Mixed
[GG+17, SSFR19, SZK16, CXZ+19, WHW16]. mixed-criticality
[CXZ+19]. mixed-parallel [WHW16]. mixing
[ZMH+18]. Mixture
[BBMG10]. MJSA
[BCB+07]. ML
[GL05, GGLD10]. mmWave
[LLLC19]. MObile
[KKA18, AR17, AT18b, DRE17, BB19a, BB+19b, CFL+15, CT19c, GC18, FMM+17, FLR13, KIA017, KRZ+19, KIM15, MAD+16, NKB19, QKC19, RLM18, SVK19, TMW+17, VFHB14, WZM+18, WZWW18, YHL16, ZSL+19a, AHS+18, ANG+19, AMH02, AMH04, ADLW12, AHR+19].
model [YZLQ14, YWLL19, YCH19, XYX18, YYY17, YYL19, ZZDM18, ZRL18, ZZF19, ZT90, ZT91, ZLTY10, ZME15, ZJY16, ZNC18, ZDM18, ZYL18, ZYXL05, dSGD19, dTK92, C5ZW14, GM11, HLC16, KL03, ML19, Mil11, MCF11, SB11, Sti93, PSp09]. Model-based [Lb09, LCH18, BvdBM93, DZLA19, IMKB89, MJM16, NSR19, ZS12].

Model-Driven [MZ220, DWS12, RBN13, TCB18, ZCM19, Ham17].

Model-oriented [BHH01, BHH02].

Modeler [FBW99]. Modeling

[AS02, AY16, BWDM17, CC19, DLZ14, DCC14, DYC18, FX10, GL19, GLNT13, GS16a, GL04b, HHD12, HBCR01, LD19a, LZH18, MZF19, MG18, Mor01, Mun04, Nag16, RLL17, UTT00, VCL19, WRCC17, WBJM14, Wri9, WBR20, YKK13, AKP18, AT18a, ABS18, AMMC18, ACG20, BRL19, BCF16, BGMLS17, CPGB16, CAC10, CPSD18, CPAP18, CSL19, CR04, CRWZ19, D005, DJH19, DC00, FSM18a, GI1K18, HKM706, HLT19, JG104a, JAA09, KVR15, KCM18, KB16, LN18, LDP13, LZHY19, LHY19, MGT18, MGYC06, MVAS89, Mi01, MR19, MS16, MH18, NPK16, NO19, PBT02, RMRSA19, SZP0, SRP19, SDL15, SHL19a, SBA05, TQ18, TSS19, VR05, Wio03, WBR19, XFM16, ZYTC15, ZCW9].

Modelling

[BGC19a, CFP19, HCB16, Kyr19, Lin18, DPBK16, MHW16, Pap05, WCH18, ACU95, AEM10, BPS06, BNO6, CGT07, CWW13, CH04, DSO9, DY04, EPB18, FPX09, FHH95b, IJL03, KG01, KMB17, KGVW14, KH97, Lee04, LSD17, LAS16, LGS07, Ocw14, SWW13, SCN14].

Models [BAP17a, BAP17b, GSD95, KGX95, TTP07, BS17, BGI14, BCdV19, BBC12, BNl16, BDHK06, CDF05, CMS18, CHSA18, CS93, DDL01, FE19, GBA09, HMO20, HAP11, HLV16, IKL12, JH92, KI19, KRZ19, KCT99, Kim07a, KM01, LMBCC89, LOR18, Lin18, LK17, LTZ15, dSMAdR17, MR04a, MHZK18, Mér17, Mor01, NBB18, OCCK14, RB12, RHH19, RLRC13, Sch01, SSW13, ST98, SLW11, VV13b, WJZ17, XA10, YZW18, dVGSB20, vdHSL15].

Modern [ABMS05, LRYJ17, MD18, SSC04, TCR15, ZME15]. modes [CASW05, FFA18]. modifiable [CLS19b]. Modified [BRL19, KSS19, GDRS04, LN04, SLTK19, Wan02, ST11].

modifying [GL04b]. MODIS [HRR14].

Modular

[DS2018, WSL19, Bro19, CH19, FSP18, HML17, PSW14, RN04, YP12]. modulated [GZZ18]. modulation [HJK10]. module [WG00, WP18].

Modules [HVL97]. MOEA [WHC19].

MOF [DK19].

moldable [HZZ14]. molecular [AV13, BR04, FAJ99, GRPl04, MDD89, MF03, PHM199, SCK00, SBA05, SZ98, TK919, ZCW04].

molecular-dynamics [SKK00].

molecules [DRS04]. Molokai

[Hul89, Rho89]. momentum [DHL18, KKH01].

MOMI [DFSZ88].

MOMI-connection [DFSZ88]. monitor [HMP04, SHL13, ZYZ18, vdlLE19].

MOonitoring

[Suz99, ACU95, BSG19, BFW03, BQ120, DVV90, KS18d, LRZ18, RMCN10, VLAC13, YCD19, ABC18, AAS17, AB19, AS014, APK18, AB19, AMR19, AIB18, ADF05, BBF03, BKB11, BBWB18, BCC17, CA15a, CJIH13, CZH18, CC09, DP19, EET18, FZW18, FGG13, FAMA17, FBP18, FCD14, GMP17, GTK15, GJK18, HEES19, JNLH18, KSF13, KGB20, KBDLG18, LBB19, LCCM18, LQF19, MVL18a, MFM18, MMLO18, NDZ18a, NDZ18b, NDZ19, NDA19, PMLVLS13, RRS10, RYH19, RAA19,
Mono [CCL19]. monotonicity [EL03].
Mont [OBG+18]. Mont-Blanc [OBG+18].
Monte [BST+08, CPGdS+13, CPGB16, DDJ+13, JH16, SWL+20, TMYT05].
Monte-Carlo [CPGB16]. mood [CC19].
Morpho [LSJ+14]. Morphological [YP12, GDA18]. Mortadelo [dVGSB20].
motherboards [HJC05]. motifs [GAB+14]. motility [Len01, Low01].
motion [HYRZ20, KZCW13, KLC05, SKF+09, Shu92, SYW17]. motions [CRRC18]. motivated [Pet95]. motivators [NZOCJ+19]. motor [AAM+19, CMI+19, RMSGP17, XZZ+19].
motorized [ZMN19]. mouth [XL19]. MOVIE [BJ12]. Movement [BRB19a, KSW+13, KPG19, Pal01, Sch01].
movements [AKM18, NUPA19, RCMT18]. MOVICAB [HNCJ13]. movie [MBC+11].
movies [Wei11]. Moving [LSAM13, ATS14, ASA19, BTG19, TTC+14].
MP [GLXF17, LJY04]. MP-MID [GLXF17]. MPI [ACGdT02, ACH+11, BCH+08, CRE01, DZ98, FD02, FB97, GLM+08, IPG+18, JS13, LR06, LRW01, LBB+19, LZHY19, LS08, MM03, NHT06, PKS+10, Ren05b, RGDM16, SG05, WDR+19, ZA14].
MPI-based [LRW01]. MPI-DDL [FB97]. MPI-Delphi [ACGdT02]. Mpixel [SW06]. MPLS [BLO+18]. MPP [HW95, vOB95].
MPP-systems [HW95]. MQR [FG18]. MQTT [RMB18]. MR [DMM+99].
DSM+19. GRS+19. VETT16. YWF+10].
MUC [QCYJ17]. MudraChain [KBT20].
Multi [AJY15a, AJR+19, AB18c, BMU16, BB17, CGLZ19, DNJG17, DF07, DNP14, FJJ+18, GTEL+18, GOBL16, GHEB+18, GSKS20, QXD+09, GCC18, GLXF17, HMH17, IS03, JAA09, JLQ18, JYZ+18, KA19, LB19, LLH+17, LYYG20, LZLY20, LPL+16, LPV+16, LWF19, MZH+17, MGMT18, MLSF16, MR03a, MR04b, MFSV19, MMRL17, PdASM18, PWWD18, RCW+19, SA14, SAH19, SKF+11, SS17, SDD+09, TSL+18, WZW+19a, WW11, WWT18, XPL+19, YDT19, YLC+06, ZFW14, ZCL+14, AD18, ABDH19, AFSH+19, ADKS06, AAM+19, ABN19, BGI14, Bar11, BPC+14, BTP19, BWG19, CCL19, CYY+18, CJXX19, CCLS09, CZ19, CXC+18, CCCT14, DLLZ17, DFG+00, DEG+17, DvdHGD09, DSH+99, DB09, FTK+14, FLT17, FHZW18, FZT+18, FZC+20, FNA12, GQXL18, GKB+20, GLVC18, GTSP+19, GPS13, GHJ+19, GJKP18, sGbKS19, GDR+14, GLW18, HGG+14, HLYZ+19, HFL+19, HZdLZ20, HYRZ20, HIA+18, HZ18, Hma19, IDCCJ11].
multi [IT20, IGB+14, JRJ+11, JP18, JTB515, KDP16, KKB18, KX20, KMT14, KSI11, KHL+04, KESL17, KKKM17, KKKM18, KB16, KGLY18, KLW+17, LJ07, LJ17b, LXX+14, LWD+14, LYYY18, LWTL19b, LLZ+19, LDJL19, LH13b, LHL03, LYS12, LG16b, LW18b, LPD+13, LSG+19, LPL+20, LLAY17, MWYC12, MZP+19, MSK03, MR04a, MDD15, MKY18, MRRN19, NWE04, PK11, Par06, PRC+14, PMCP20, PWD+11, PLMLVS13, QCYJ17, QZM+18, QCZH19, RHH+19, RMJ+18, RRU+18, RB18, RHMC15, RHR16, STMV18, ST20, SSG17, STTK03, SBAD+18, SEHS19, SWG+16, SCS+18, SCLC19, SOIS12, Sko19, SWW+18, SBK18, SHLB08, SLY+19, SVN10b, TLYT05, TKA+18a, TZZ+19, TCBPR16, TCN+16, TYH04, VI06,
Multi-spectral [GHEB+18]. multi-stage
[GB+20, SCLC19]. multi-start [KMT14].
Multi-symplectic [IS03, MR03a, MR04b].
multi-tenancy [BPC+14, TCBPR16].
multi-tenant [GTSP+19, MDD15, PMLVLS+13, RB18, SWW+18, ZGB+17].
Multi-threaded [PWWD18]. multi-tier
[GR+14, HGG+14, IDCJ11, KIS11, LPD+13, TLYT05]. multi-tiers [LJ07].
multi-touch [PDW+11]. multi-trusted
[WW11]. multi-UAV [HYRZ20, HLL+19].
multi-user [DLLZ17, JRJ+11, KGLY18, MSK03, PDW+11, RRH16].
Multi-valued [MZH+17]. multi-version [QCYJ17].
multi-view [BTP19, LYS12, QCZH19].
multi-wireless [MYK16]. multi-workflow
[ABN19]. Multiagent [RML+19, PCG+06].
multi-biometrics [GEAR13]. multicast
[ADOKM06, BDL06, FMR05, GNWT05, ZWJ+18]. multicast-based [FMR05].
multicasting [EBCP18]. multicellular
[Pal01]. Multicenter [BJM+17].
multichannel [MYBM18]. multiclient
[CWD+08]. Multicomputer
[MF93, BL98, CST91, KD00].
multicomputers [KM01]. Multicore
[LJC+19, ADH+16, BFH+18, CHS+18, HAF+16, JLRS18, KR19, KR14, LRYJ17, PSP+16, RGDML16, WCC+16, WGT+19, WPJ16, WRLJ18, ZTQ+20, HYZS16].
multicores [SHP+16]. multideestination
[Pan95b]. Multidimensional [CLR16, PLW+19, BS09, JLC18, YC13, ZQZZ09].
multidisciplinary [ATJMJZ02, SMK05].
multifaceted [ABTA18, GBF+12].
multifrontal [IST04]. multifunctional
[DCK03]. MultiGrain [MSS+16].
MultiGrain/MAPPER [MSS+16].
multigrid [LLRS94, LN94]. Multilayer
[SEHS19, RM97]. multilayered [NKX09].
Multilevel [SRP19, WC01, SSC04].
Multimedia [ACM+18, HXA+17, KCM19, LBD+19, WDW+19, YWL+17, AMPS19, AMPP19, BS91b, CFGC03, CdRRdB19, FGRZ09, GL04b, GSY+17, HLYW17, HML+06, HYX+19, HXL+18, HPL+19, HCHH19, IG12, KLJS19, LFX19, Mul92, Pap05, PKY+17, RHH+16, SLS+19, TGM+19a, WLH+19, vKvWD+13].
Multimodal
[Sir18a, AHN+18, EAA16, HYU+19].
Multimodel [KV+18]. multinet [Klo05].
multinode [WTG+19]. Multiobjective
[CZL+18a, CZY+19]. multi-paradigm
[BdCYG05]. multi-party [HML+06].
multipath [HYX+19, KN10, VSKS19].
multiphysics [MTH+05]. multiplexer
[PN09]. Multiple [CWW+16, MBFC99, SKS+18, YZZC19, AFF+09, Ans11, AM19b, BBB16, BCP03, CTVB12, CMB17, CGL08, CAPG18, CSL18, DPL14, EG18, FD95, GOLL19, GAA19, HQ10, JCSS01, JL03, KOM+20, KSK+11, KGO+20, LLY+18, Li18, LYYG20, LMM19, LSMVLM13, MJM+16, MVRM08, MI01, PC17, RM11, RMHMG17, SG17, SDZ+20, SLA+16, SVN10b, TMMVL12, WTM+17, WLGL19, WLYZL19, XZJ+20, XDLH12, YXZG18b, YD18, YQZ+19, YL18, ZYB18, ZYCZ19, dFVPSHL+14, dCTVC18, dFPFG19].
Multiple-combinational-channel
[CWW+16]. multiple-context [FD95].
multiple-mix-attack [LMM19].
multiple-perspective [KHZ10].
multiple-task [MVRM08]. multiplexing
[HFM19]. multiplication [ZW+16].
multiplicative [TWW+18]. multipliers
[WMLS14]. multiply [CSQL17].
Multipolarization [FL+11].
Multiprocessor [SZ98, AAB+92, BR92, BW95, CR92, DKV14, GE90, Kat04, Kun94, LS01, Nos98, OSCY93, Par04, SC16, SKJ01, SF06, Yam92, ZMNT16, mM95].
multiprocessors [AB95, Ber98, CK00, HHXL13, TC06, WYJ99].
multiprogrammed [Aba06a].
multiprogramming [Ste92].
Multiresolution [EWG99, Boa04, GRS+19].
Multiresolutional [PCB99]. Multiscale
[APS+19, BC15, BC17, BEWZ10, MSS+16, RBC+15]. Multiset [BCL88, MK95].
multiside [CRYG18]. multisite
[DST10, LPV+16]. multispace [CW93].
multispectral [Ima19, LLWN04, SYCH18]. multistage [ADKS06, GS13, KYB+19].
multisymplectic [IS06]. multitask
[MSO18]. multitthreaded
[BBFW03, Ném00].
MüH [MUSCLE-HPC [BC17].
NA [VvVDBB98]. navigation
[LLS+19, VS04, XZ14a]. navigational
[SOR05]. NB [HEES19]. NB-WOA
[HEES19]. NBA [JLQZ18]. NBA-based
[JLQZ18]. NCIP [SJD+20]. NCSA
[PCM99]. NDGF [KVR15]. NDN
[ABDM19, MDB+18b, MRS18b].
NDN-over-ZigBee [ABDM19]. NDN/IoT
[MDB+18b]. near
[BBJ+06, CF20, PGTBC18, wZeZ19].
near-edge [CF20]. nearest
[FJ18, GLVC18]. necessary [XWL+18].
need [SOA17, WRB94]. needs [GF14].
Negative [YLH+19, DYC+18, HZ+19,
QHZ19, SK05]. negotiation
[COC10, DMZ09, FZC18].
Multiuser [vVDBB98]. Navier
[MSLP93]. music
[KKL06]. neighborhood
[ACSdRR17]. Munich
[Bun03]. MUSCLE
[BC17]. MUSCLE-HPC [BC17]. music
[PMFH11]. mussel
[PRW14]. Mutation
[SH19, DMN+15, JGF18, TM19, YGW+19,
YDD+18]. mutual
[Bag19, BDL+18, JKAU19, KLW+16, VCD+18, XLP19].
MWM [WMLS19]. MyGeoHub [KZS+19].
Mycter [CC98]. multithreaded
[AHEM17]. Munich [Bun03]. MUSCLE
[BC17]. MUSCLE-HPC [BC17]. music
[PMFH11]. mussel
[PRW14]. Mutation
[SH19, DMN+15, JGF18, TM19, YGW+19,
YDD+18]. mutual
[Bag19, BDL+18, JKAU19, KLW+16, VCD+18, XLP19].
MWM [WMLS19]. MyGeoHub [KZS+19].
myocardial [WXZ+18a]. Myrinet
[Geo02].
N [FJ00]. N-MAP [FJ00]. name
[ACSdRR17]. named [BWO+19, ADBM19].
Naming [ACSdRR17]. named
[ACSdRR17]. NAND
[SC19]. nanoprobe [wZeZ19].
nanoscience [GFGB03]. nanotubes
[Tor04]. naphtylum [DRS04]. Narrow
[WYJ+19, Buc05a]. Narrow-band
[WYJ+19]. NAS [WYJ+19]. Nash
[GPVN19]. nasopharyngeal [MGA+18].
National [HY03, SVN+10a, DR89, FS93,
Han03, KFP+02, NSF197]. Native
[MGH+19]. SB19b, SCJ+19a, ΣCJ+19b, TBB+17].
Natural [Abo50g, BY93, DCC+14, FS19,
LPK94, PFMC04, QG20, RRH16, XLL+18a].
Nature [V16, MBD18, ZEO01].
Nature-inspired [V16, ZEO01]. NAUTA
[MSLP93]. Navier [ID98, vM94].
Navigating [vVDBB98]. navigation
[LLS+19, VS04, XZ14a]. navigational
[SOR05]. NB [HEES19]. NB-WOA
[HEES19]. NBA [JLQZ18]. NBA-based
[JLQZ18]. NCIP [SJD+20]. NCSA
[PCM99]. NDGF [KVR15]. NDN
[ABDM19, MDB+18b, MRS18b].
NDN-over-ZigBee [ABDM19]. NDN/IoT
[MDB+18b]. near
[BBJ+06, CF20, PGTBC18, wZeZ19].
near-edge [CF20]. nearest
[FJ18, GLVC18]. necessary [XWL+18].
need [SOA17, WRB94]. needs [GF14].
Negative [YLH+19, DYC+18, HZ+19,
QHZ19, SK05]. negotiation
[COC10, DMZ09, FZC18].
Multiuser [vVDBB98]. Navier
[MSLP93]. music
[KKL06]. neighborhood
[ACSdRR17]. Munich
[Bun03]. MUSCLE
[BC17]. MUSCLE-HPC [BC17]. music
[PMFH11]. mussel
[PRW14]. Mutation
[SH19, DMN+15, JGF18, TM19, YGW+19,
YDD+18]. mutual
[Bag19, BDL+18, JKAU19, KLW+16, VCD+18, XLP19].
MWM [WMLS19]. MyGeoHub [KZS+19].
myocardial [WXZ+18a]. Myrinet
[Geo02].
N [FJ00]. N-MAP [FJ00]. name
[ACSdRR17]. named [BWO+19, ADBM19].
Naming [ACSdRR17]. named
[ACSdRR17]. NAND
[SC19]. nanoprobe [wZeZ19].
nanoscience [GFGB03]. nanotubes
[Tor04]. naphtylum [DRS04]. Narrow
[WYJ+19, Buc05a]. Narrow-band
[WYJ+19]. NAS [WYJ+19]. Nash
[GPVN19]. nasopharyngeal [MGA+18].
National [HY03, SVN+10a, DR89, FS93,
Han03, KFP+02, NSF197]. Native
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Natural [Abo50g, BY93, DCC+14, FS19,
LPK94, PFMC04, QG20, RRH16, XLL+18a].
Nature [V16, MBD18, ZEO01].
Nature-inspired [V16, ZEO01]. NAUTA
[MSLP93]. Navier [ID98, vM94].
Navigating [vVDBB98]. navigation
[LLS+19, VS04, XZ14a]. navigational
[SOR05]. NB [HEES19]. NB-WOA
[HEES19]. NBA [JLQZ18]. NBA-based
network [KBdLG18, KMST19, KK10b, KAS+18, KS18c, KGLA85, LJY04, Lee04, LJ19a, LZXW13, LNB14, LMZ+14, LYYY17, LXL+17, LLZ+19, LL20, JAA09, JC09, KR19, KSS19, KKP+05, KLS19].

network-on-chips [MBM18].

network-on-Chip [MBM18].

network-on-chips [SSG19].

Networked [FMD99, GCT+20, PMFH11].

Networking [CG09, Gen95, HB98, Lid99, SMG18, Wil00, AB01, ABG18, BBG+05, dMBPdSC20, CJK+18, GXL+12, GZLZ16, GdBW06, HDC+94, HRJ+06, LPC+95, LLF+18b, LGP+19, MCJ19, MT17, MWC+03, PYM18, PA01b, RLL+17, RWO+19, SP18a, SCZ+19, SL19, TGM+19a, TbdL16, VBP03, WWVJ17, WGX+19, YZJ+20, ZBCT17, ZWJ19b, dLRW03, ADBM19].

Networks [SYJ+19b, AZO+19, ECVT18, FFPD14, HGM15, KIAD17, LY19, MWQ+19, PLLP19, RQN+19, RCW+19, SVK19, SRP19, SJQ20, SMS16, TKA18b, WZWW18, AsRA+19, AJ19, AQRH+18, ARSMY19, ASO14, APK+18, ADKS06, ACM+18, AMPS19, AMPP19, ASYF18, AIB+18, Ami90, AMM19a, AbdL05, AB03, AAS+19, AC18, ASA19, BEB+20, BSF+20, BAA+19, BDP11a, BLAN+16, BS09, BMK+14b, BCR+12, BCM07, CEP19b, CZY+18, C013, CJ14, CJW16, CJG+18, CSM+18, Che18, CZZ+18, C13b, CSC18, Coo90, CBD+05, CerdC19, CGJ+10, CS97, CHY+18, DZ98, DBP19, DvdHdL06, DvdHdL09, Dr05, DK19, DYC+18, ELAEVAM19, ESPN17, EY19, EA13, FG18, FIJ+18, FZHH14, FW19, FA19, FZC+20, Sou91, FM08, FR08, FP14, FSM88, FLN+18, Fu91, GIZ05, G188, GS13, GAT05, GGSZ09, GHO+11, GBKJ18, GWC+16].

networks [GLXF17, GXL+18, GZL+18, GSN+18, GGMS18, GNVST14, HKA+18, HAAWH+18, HA19, HCC+14, HAE+03, HAM18, HMC19, HYG+19, HDB18, HYF18, HAAR+19, HAB+06, IASK14, IEG04, JAMA07, JLQ+17, JXC+19, JL98, JWW14, JZL+20, KKW+18, KY85, KRZ12, KKK07, KPM+18, KC19b, KCV11, KV12, KKL06, KDO0, KESL17, KLI+16, LZY+19a, LLYW19, LC17, LKG07, LBD+19, LBL+18, LW18a, LL18, LM07, LLW+19c, LAQ+19, LCZR12, LY18b, LWH+18, LAM07, LQLX10, LLI+11, LZG12, LW13, LWC14, LWL+18, LYW+18b, LGZY18, LMM19, LWWY19, LQN20,
LZA+20, LS01, LO19, LMCSE20, LHBC16, LLU+18, LFY+19, LHY+20, LZY+16, LLAW17, LWZ+19b, LJW+19b, MML+18, MG19, MNC+18, MFP05, MDB+18a, MDB+18b, MFL18, MSS+16, MLW+18b, MSO18, MKY16, MSN+18b, MAA19, NBB18, NLLC19, NS10, NK05, NJKF18, NSSA+14, NJKH13, NS02, OLe07, ODC19], networks [OSANAM19, Pan95b, PSL+04, PSJ+12, PSR+13, PIC17, PDH18, PMMAM13, PPPS18, PBC+01, PWWD18, PF17, Pud01, RLY+18, RPdVR20, RHMG14, RM97, RWZ+19, SJ14, SPT+18, SGGR+16, SISG18, SOD18, SM01a, Sap88, SVC+07, SNW01, SCY+18, SCB04, SCS+18, SLS10, STC15, SGK19, SPEW09, SDD+09, SRG+03, SJTG07, SCEC18, SK05, SLJ+18, SLZ+18, SLY+19, TSD18, TY11, TL19, VSBN19, VCD+18, VBL03, WSQ+18, WCO1, WSZH18, WLP10, WN10, WWD+14, WJLW18, WDD18, WDJ18, WCM+19, WMC19, WVD20, WCY+20, WLAC20, Wdl16, WLQ10, WLS+18, WLZ+19, WSY+19, XCS+18, XLL+14, XZI4b, XDH+17, XXX+19, YPLZ17, YHL+19, YMS20, YCX05, YL18, YK20, YLA18, YLH+19, ZF16, ZSJ19, ZGL19, ZLD+03, ZLL17a, ZSSZ18, ZZH+18, ZTKX19, ZWL20, ZWS+12, ZNC+18, ZBL+14, ZCL+19, ZC114, ZLH18, ZSS+18, ZCDV19, vOHD+05, vdHDT+06, BMK+14a, IDK19, LNK+18, WLBO0, ZHL+18].

networks-based [FG18].

Networks-Generated [ZHL+18].

Neumann [HG92, KDE04]. Neural [DDD+19, Sou91, FS19, Fu91, GKI05, GKT15, HDKCC18, IT20, LMCSE19, SKS+18, AAYL19, AsRA+19, AFO+18, ASYF18, Ami90, Ban02b, CZH+18, Che18, Coo90, CS07, Del06, Fio06, GMH20, GSC+19, HZW19, HPZL18, HUY+19, HHH+19, HZL18b, JL98, JZL+20, KKP+05, KLV+18, KS18c, LBD+19, LJT+19, LLW+19c, LCL+18, LLWN04, LYW+18b, LMCSE20, LLU+18, MDB+18a, MGA+18, MAA19, PWWD18, Pud01, RS08, RM97, SB19c, TZBK13, TBS+18, VS95, WCB+18, WZF+19, Wan20, WLA18a, ZWL20, dLB10]. Neurocomputing [Mat88]. neurofuzzy [HAAH05]. Neurons [Mat88]. neuroscience [FBBW99]. neutrosophic [ABMC18, ABM19]. new-generation [ZGCM00]. news [CC19, LRI+14, XWL+15]. Newton [BMZ01, Jun18]. Next [BDF+99, VB18, BDP11a, GLM+12, HJK+14, JXZ+19, KZBK99, MWC+03, MLV+18b, P000].


donal [Bou95]. node [SYJ+19b, CWJD19, HHZ16, LC17, LWD+14, LJ18, LKF18, MLC+20, QZM+18, ROK19, ZSJ19, LG08].

nodes [AMH04, AEGF+01, AC18, GZW18, JXC+19, KSI1, LLYW19, LMM19, RYH+19, RBJ+13, Reh06, ZZC14]. noise [MFT+17].

noisy [MFT+17]. NOMA [Kad20, KKB+19, SCEC18, YL20].

nomadic [EA13].

Non [ID98, NGB18, RR18, YC13, AFO+18, AM19a, BMS05, BBB16, BCh+08, CZT+15, CW16, CLR18, DP20, DCL00, FPdS04, GHYK18, GGO19, GOL19, HPP20, JLU03, KKB+19, KKL09b, LY18, LOK09, MSZ+20, MKH06, NP03, QCH19, Tho06, TBJ+12, UMHB19, WXW+17, WCH10, XZW+19, YAO14, YWG+19, ZWL20]. non-blocking [BCh+08]. non-canonical [GGK20]. non-cloud [CW16]. Non-cooperative [YC13]. non-CQA [HPP20]. non-dedicated [BBB16, NP03].

non-deterministic [GOLL19, MKH06].

O [Abab06a, BFK02, CSL18, DLZ+14, DLXR14, DYT+16, FC09, GCO02, HM06, LLW+12b, OK02, SM96, TDFZ18, XZL14]. O-FCN [FC09]. O-intensive [CDLC06]. Oak [SVN+10a]. Oasis [XFLL16]. obfuscation [MdFTG19]. Obituary [Kas86]. Object [AMBB18, CHHW91, GSY+17, KST92, SHj06, ADM06, ATS14, AP96, BTG19, BVG97, BHK90, BBB+19, DC00, GWW+19, GIL5b, GTSP+19, HHS98, JBA94, LL03, MGA+18, NSI02, PSL18, RAC18, SLK17, Sun10, XFDL16, YAR18, ZJWZ04, Kob92, Sun10]. object-based [AD06]. object-centered [AP96]. Object-Oriented
[LKN+13]. **Ontology-driven**

[GMP+16, VPP+19]. **OntoZilla** [JC09].

**opcodes** [ZX+19]. **OpenCL**

[BJWZ08, CAS+16, PVHTP19, QC18, ASAAM+19, AJZ+20, ACC+14, BFN18, CASW05, CCM+14, DPFP03, HKP10, KS11, KS18b, KTTK17, MG11, MKS+19, MQN19, PWA+19, SJV+15, SWY+18, SGMI11, Sko19, SP93, SYK+17, TSQVRGS19, TC+17, YHA+19, CWD+08, GM11, Mi11, MCF+11, SB11]. **OpenCL** [CJPC19, JCP+20].

**Opening** [HICAFM+06]. **OpenMOLE** [RLRC13]. **OpenMP** [NHT06].

**OpenNebula** [KMT14]. **OpenRT**

[CWD+08]. **OpenStack** [CCFI14].

**Operating** [WCWC19, ZYA+18, AHdJF97, BL98, BBI13, DDMPG17, Gos00, LSW+19, MGLV04, RG04, WB90, ZAI+18, Zin18, BG87]. **Operation** [ALL+18, CVdRA+20, CYB90, MHA09, ONHT89, ODC19, Sun10, Tak89b, WC14, YWA+89, ZTC+19].

**operational** [CPB00, FCW01, HJP92, RB12].

**Operations** [WMN+01, DL04, EG18, GDAS18, Kat04, Lau02, LI90b, LHCC18, LHY+19, MBB10, NSI02, TMDZ15, ZCC18, ZTQ+20, dLLA93, vWMB14]. **operative** [Ano84]. **operator** [Kos00, SH19, YDD+18].

**operators** [ECF17b, NHT06, TSOB15].

**opinion** [LZL+20, ZNC+18]. **opinionated** [MZP+19]. **opinions** [VMCM+20]. **OPM** [GC02]. **OPM** [FKOC11, LLCF11].

**OPM-compliant** [LLCF11].

**Opportunistic**

[CFP+19, OFMZ18, ZHL+18, FFL+19, JXC+19, JCA+19, MCAS19, PJDO13, WSZC18, WCY+20, ZWZW18].

**Opportunities**

[AR17, Jun17, PYM18, AZH18, ALK15, CLCY18, CBB+17, CDFW18, GS16a, GRL11, GFD14, JC15, MWW+15, OFMZ18, QCD16, RMC+18, WGX+19]. **Opportunity** [BS91a, BS92]. **OPT** [FCW01, VAS95].

**Optical**

[DFSZ88, MSM+18a, WSTW87, Yat88, CASW05, CGJ+10, DvdHdL06, GHO+11, HRJ+06, KK10b, LKTC14, MWC+03, Mam09, Pal06, Pal09, RvdSB+03, SVC+07, YGYW16, dLRW03, vODH+05, vdR87e].

**Optimal**

[AOIS10, CT19b, DLW07, DEG+17, GC94, HCK20a, JGB19, KKM+19, KLM+03, KMC19, LXD17, LJW08, RSR88, BAA+19, BG05, BGRBA19, CXWT19, CJS19, EBCP18, FTK+14, GCT+20, GS05, HZLH19, IDK19, KA19, Len16, LSMV13, SRKS18, SMI13, TKT+08, XLZ18, ZTY10, ZWL13, ZYCZ19, ZTaTZ+17, ZVB19].

**OPTIMIS** [Ano12]. **Optimisation**

[AKPN01, XRT18, AL18, AR10, DHS99, HFL+19, PTD+18, SO98, TVB18, WHW17, VVB15]. **optimise** [RS98]. **optimised** [BBC+99].

**Optimistic**

[LM12, Pon19, YCAS03, WWW+16].

**Optimization** [BC03, LXJD18, LGL+20, SSG17, TA18, WPS+18, YK20, ZCS+16, ACML05, ABMES18, ANA16, AKP+18, AT18a, APC+20, AC18, BRL19, BMW10, B020, BMU16, BBL+05, CTO1a, CPGBC16, CZL+18a, CHC+17, DDD+19, ECA+18, FZT+18, FM01, GL12, GEH+18, GGA+17, GLJ19, GZZ+18, HPZL18, HAP15, HMM+19, HMF+19, HZP+14, HZL18b, HZL18, HCHH19, HKP10, ISS+15, JCL+19, KKS18b, Leo01, LLWW18, LZLY20, LKG08, LAH09, LLW+12b, LJJW+19b, MVRM08, MGMT18, MFSV19, PFRC16, PKC+05, QWCL19, RD14, Scho3, SKJ01, SCY+18, SEHS19, SJS19, SGN+17, SH19, SSI19, SGB+18, SLS+19, SHL+19b, TSK03, TWZP18, TV16, VR12, WVC05, WWX+17, WCL+17b, WWQ+18, WZWC18, WWZC19, WYJ+19, WZZ13, XHW19, XZM18, XDHL12, YDD+18, YKK13, ZRZL18, ZN12, ZZJ17, ZZW18, ZYW+18, ZWL20, ZWZ19, ZLG+14, ZLL+16, ZQB+18, ZSMS18, ZHHQ18, ZXL14, dNE05, MWMA10].
Optimization [PW09, PT16].
optimization-based [BRL19, HAP15].
optimizations [CC00, DSS98, SBA+05].
optimize [CdS15, HPGMM18, RK20, WCC+09].
Optimized [CAB+18, FDP17, GTMZ17, KR19, TKA18b, AKCY+17, AAD+13, BFLL99, BKKM11, DR18, DKJ19, GS16b, GSY+19, JNR01, LXL+17, LLF+18b, LWTL19b, ILY10, SA07, TF18, TMMVL12, UMBH19, VS90, VS19, ZCDV19, dSBN19].
optimizer [DHL18, FN00, LK08, SJ19].
Optimizing [BCFS02, BKSS02, BBB+02, GSY+08, HWZL08, MNY+19, MSS02, NF13, OF07, OSC14, SSI19, WYBS11, WGW+20, WLQ10, ZHW19, Zin18, ZSB19, vWMBS14, FEPC18, GMELO8, HSC15, MFL18, VMC+20, VSD13, WB14, WLH+19, ZSMS18, vW19]. optimum [Dal06, IdAP19, AFPG91, AFP+92].
OPTIMUM-AIV [AFPG91, AFP+92]. optimum-path [IdAP19]. OptiPlanet [SGP+09, SBdL09]. OptiPortal [DLR+09, DDS+09]. OptIPuter [DLR+09, Man09, SBdL09, SW06, TWC+06].
OpusJava [Lau01]. OR-forest-based [CY90]. OR-parallelism [Zha93]. Oracle [CW93]. oracles [KGS+19, MMR02]. orbit [LY18b]. orbitals [REM04]. Orchestration [CKP+19]. Orchestration [MT17, EKSDN19, JTS13, SLY+18, SLY+19, VCE+19, XWZ19]. Orchestrator [KKK+19]. Order [Pan95a, AAC04, BFR05, BFC02, Bou95, Che14, Dal06, DJP18, JNR01, LW18b, TJ18]. ordered [Bag11, GY90, Qu04, SAK03]. Ordering [HMH17, Bag19, BB13, Kos00, ZW04].
Organizations [YAA+19, L110, RJH+09, SCZ+19, SMSF18, SR19, VWD+08]. organized [RP18]. organizing [DD05, FS07, FSM88, MPR+16, dRRR+18, dRRdQGR+18, SJL+18, VRR16, XWL+15]. oriented [ZDL+13]. Oriented [BZS18, CHH91, GLXF17, SCL18, VDTK12, YAA+19, AMBB18, AT20, AWN+13, AB18b, AQIB15, BPV99, BAA+19, BdCYG05, BR18, BGV79, BHH91, BHH92, BHK09, CIPJ19, CPDJ13, CLL+14, CGST09, DVD12, DM12, DC00, EAED18, EG18, FLR+16, F000, FK14, GVUR11B14, GA13, Gil85b, HYX+19, HRM20, HW04, Hua05, HLT+18, JBA94, JKLK17, KST92, Kob92, KK16, LL03, LvSW+04, LX13, LWZ18, MLSF16, MHA08, MRS+18a, NK15, O009, OE13, PSLZ18, PBA18, SBL14, SS19, SZD+17, SLY+18, SAC11, Tak05, TAKV12, TBK06, VSM02, VDK12, WDJ18, WYN+90, WZZW18, XW17+17, XDHL12, YNSM12, YZW14, GMEL08, Sun10]. Origin [LHB95].
Origin-based [LHB95]. orthogonal [Fio06, LYYG20, LAT+20, PP06].
Orthonormal [DV93]. OSCAR [LSLS05]. oscillatory [DR03]. OSG [VHML10]. OSI [Kob92]. OSINT [QC18]. OSLN [Sun10].
Output [JKL17, Abo06b, GOL19, HPZL18, WHCZ18]. Output-oriented [JKL17]. Outputs [SK97, CCRL18]. outsource [XTZ+19]. Outsourced [GZQ+19, FS18, LYZC15, DLMS15, WWR16, WCL+17a, XXB19, ZSW+18b]. outsourcing [BGRBA19, ED16, HCY+18].
JCL+15, ZCL+18, dACAM13.

**Over-sampling** [MK19a], **over-the-air** [ZXW+18], **overall** [WCC+09].

**overbooked** [LPBB10]. **Overhead** [CXWT19, DT94, LZYH19, MTKS00, MVL18b, RS17b].

**Overlapping** [MTNM08]. **overlapping** [BR19, ID98, RZDM01, SEHS19, SJL+18, SAC11].

**Overlay** [SCMS12, BTM06, CCL08, CW13b, EA13, JC08, Kad20, MLBS11, Pip10, PT11, PIP18a, RKSU08, TY11, YCX05].

**overlays** [AN08]. **Overload** [CNR19, LYY18].

**overloaded** [SPJ17]. **oversubscription** [MC20, MCDa16].

**Overview** [BP94, ZG18, AT19a, AT19a, AT20, AB19b, BCP18, DGST09, FBS18, KY85, KE85, Lan00, Miz89a, ZD+20, vDR93b].

**OVM** [BFC02]. **own** [VPA+18]. **Owner** [HLH+18, SBL+18].

**Owners** [AMSPL19, KH18b, LCL+19, RACA18, SK18].

**P** [Ano86i, Ano87b, Ano87c, Ano87l, JLL17, vDR87e, FK11, HAA+20, KKS08, MHZK18, SdR99, SSLF+10].

**P-Batch** [JLL17].

**P-CAM** [SdR99]. **P-DCACCA** [HAA+20].

**P-Found** [SSLF+10]. **P-GRADE** [FK11, KKS08].

**P-Spec** [MHZK18].

**P2P** [AR10, BCR+12, CEP19b, CSZW14, CW13b, DMZ09, FM08, FR08, GDJ+13, GPK05, GNWT05, HCC+14, HNKO18, HDLW13, IT05, Kimo7a, LS10, LJJ12, LLZ07, LQLX10, MM08, OPO13, OCCK14, PRS+13, RLP12, RMHC14, SA07, SAGL10, SYL18, SYQ+19, WN10, WW13, WM07, YCX05, YMD+13, ZL+10].

**P2P-Assisted** [HDLW13].

**P2P-Based** [GDJ+13, SAGL10].

**P2P-Content** [BCR+12].

**P2P/Grid** [YCX05].

**P2P/Grid-Based** [YCX05].

**PaaS** [KKKM18, KKKM17].

**Paras** [SYT+19].

**Pachycondyla** [MVS00].

**Packing** [BB17, LLZ+19, LZCX19, LGMV02].

**MAA+19**, **SK+12**, **ZT19**. **PaCMAn** [ESPP01].

**Page** [LLZ+19, vDR87b, BRX011, LXL+17].

**Page-Sharing-Based** [LLZ+19].

**PageRank** [MK19a, RCM17].

**Page** [Ano19q, Ano19m, Ano19p, Ano19r, Ano19m, Ano20e, Ano20g, Ano20f, Ano20h, Ano86i, JDW+14, Tch86, vDR86b].

**Paging** [BK06].

**Pairing** [MCL+18a, LL+16].

**Palmprint** [BG12, CPW19].

**Panchromatic** [GHEB+18, Ima19].

**Pansharpening** [YJY+18].

**Paper** [ECPP17a].

**Papers** [TCG14, BGL08, CC11, CCR18, Ig07, KZ17, LBR02, RW13].

**Para** [LC13].

**Para-Virtualized** [LC13].

**Parallel** [AvL92, Aba06b, AJY15a, ABF93, AJZ+02,AMB+92, AMA88, AMA89, AKW90a, Ano90g, AR98, BCL88, BMS01, BVP+87, BJN05, BHH+93, BHK90, BLB03, BTT10, CDG+14, CLZ18, CN92, CHH91, CSP98, DDD+92, DFSZ88, EDD+10, EFD00, ES94, GL05, GS05, GA06, GCK08, IMSV90, IST04, JS89, KKI14, KAP19, KGX95, KU01, LOJ+07, LSH95, Ln00, Mal94, Mal01, Mal02, Mal05, MP96, OS96, PP95, dRdG+18, RZDM01, SdR99, SBS89, SG95, SM96, TCG14, TKRA14, TBD+02, Uch87, VSt95, Vre88, WGL92, ZHHQ18, ZQZ18, ZS18, ZS19, WW13, XZ14b, YWJ+18].
parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel/distributed [CBK+01].

parallelisation [IJLC03].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

Parallel-Operating [BG87].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

Parallelizing [Kea93].

Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, JL+20, Joz89, Kos95, MBFC99, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallelizable [Tor13].

Parallelization [BST+04, BPC+01, BVDF00, LPB04, MMVS19, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

Parallelising [Kea93].

Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, JL+20, Joz89, Kos95, MBFC99, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallelizable [Tor13].

Parallelization [BST+04, BPC+01, BVDF00, LPB04, MMVS19, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

Parallelising [Kea93].

Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, JL+20, Joz89, Kos95, MBFC99, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallelizable [Tor13].

Parallelization [BST+04, BPC+01, BVDF00, LPB04, MMVS19, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

Parallel-Operating [BG87].

parallel/distributed [CBK+01].

parallelisation [IJLC03].

Parallelising [Kea93].

Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, JL+20, Joz89, Kos95, MBFC99, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallelizable [Tor13].

Parallelization [BST+04, BPC+01, BVDF00, LPB04, MMVS19, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

Parallelising [Kea93].

Parallelism [Par90, Bal91a, CDG+14, Gos00, HPGM18, Hey90, JL+20, Joz89, Kos95, MBFC99, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallelizable [Tor13].

Parallelization [BST+04, BPC+01, BVDF00, LPB04, MMVS19, WSC+19, WC14, WRBG94, XFX+19, Zha93, ZS90].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

parallel [CZY+18, CZL+18a, CZY+19, CTF+99, CRVZ15, CBK+01, Cas94, CMS+18, CHSA18, CKFJ06, CKL+12, CVT19, CPGdS+13, CST91, CST92].

Parallel-Operating [BG87].
participatory [LLGY18]. Particle
[KG01, Sin92, WCL+17b, XRPT18,
ABB+03, BVDF00, CM99, Len01, LAH10,
Low01, MKH06, SLW01, ZWX+19, ZSMS18].
particle/continuum [Low01]. particles
[Dzw97, DB99]. particularization
[CPSRG14]. partition [DLY07, JLY+18,
LZW+18, LDCZ20, RSJ+14, TF18].
pagination-based [LDCZ20, TF18]. partitioned
[DLXR14]. partitioner [DHB02, LZW+18]. Partitioning
[ATF11, kHsZwJW18, SW05, SLG+17,
AB20, BW97, GODM98, HZC+08, LXD17,
VSDD13, WC01, WWG+19b, YWCC18]. partitions
[SAC11]. Partridge [Ano87b].
party [CLM00, ED19, KKB18, OSANAM19, Pol98].
Parzen [SVFdA20]. PASCAL
[LMA+19]. pass [CCD+19, LY18a]. passage
[BDHK06]. Passing [DKD08, Ber98, BFR99, Ciu10a,
Gor02, GSC+19, Kac00, Kal94, LDSH95].
passive [BGC19b, CsZW14, DD05].
password [GWO03]. password
[IOV+18, LZS18, MZL+19, ZXWA18].
password-based [IOV+18]. Past
[AGMT17, Fer84]. PAT [WHS+18].
patchable [GHYK18]. Path [AHLEM17,
ADOKM06, AB20, Che13a, DvdHGdL09,
GdLvOT03, Idiap04, KN10, Luk89,
Mar02, NJHT11, DLS14, SJR13, THN+06,
WWT+16, Xia06, WZMC19]. path-based
[ADOKM06]. path-planning [Mar02].
pathological [DSM+19]. paths
[Alb04, CFG+05, RIPv20, TWdLZ19,
WW11, YXZG18b, ZCW19, vOHD+05].
patience [DANCN16]. patient
[AIB+18, CTT+08a, JNS+19, RRS10,
TDLT20, ZCDV19]. patient-centered
[JNS+19]. patient-optimized [ZCDV19].
patients [ABM19, DNW+19, FHMM19,
HEES19, HZX+19, MSA+19, NDA+19,
VFHB14, WCWC19, WWA19]. Pattern
[JHC18, dRADFG18, CD99, DDL01,
KZCW13, KPJ19, LHJC18, LY18a, MP02,
MRS+18a, Pet95, PSS+18, RAKJ18,
THA+17, TNY17, TSOB15, WGW+20,
WT00, YL16, YNLY19, YNK+20]. Patterns
[APS+19, AM17, APV17, ABG17, AW19,
BP02, CDG+14, IHA18, KL02, LRGJ19,
LY17, LC15, MRL14, NAM+19, PSK+10].
PAU [FW19]. Paying [CDH+19]. Pay-As-You-Go
[CDH+19]. payer [ZLL+19]. Payload
[VMM20, VOV17, JKAU19]. payload-based
[JKAU19]. payment [CLM+14a, Pol99, SYW17, ZWX+19].
payments [HCW+18]. PC
[MTKS00, MLSO01]. PC-clusters
[MLSO01]. PCCP [BEB+20]. PCP
[WWT+16]. PCP-B [WWT+16]. PCRLB
[LWX13]. PCRLB-based [LWX13]. PCs
[BL02]. PD [PKI+18]. PDDRA [SR12].
PDE
[BRMN04, BEWZ10, NHT06, Par06, TBK06].
PDE-based [BRMN04]. PDEs
[MR04b, MR03a]. PDG [CLP95]. peak
[NJKF18]. peaks [LZZ19]. pearls [BBH18].
pedestrian [KVK+18]. pedestrian
[ADK+09, BS09, CCT13, ¯O13, FLP05,
HWZL08, JCO9, KKL06, KIC12, Li15,
LAM07, MTVO5, MCT+09, MROD10,
PGSM05, PSJ+12, PMMA13, PRS12,
PI18a, PPLL17, SM10, SLZ+09, WLP10,
WLQ10, XKB18, ZQZZ09, ZA13, BNFZ08,
CTT+08a, CdCD07, FX10, HJCI0, TPBS14,
TTP+07, WTK07]. peer-to-peer
[ADK+09, BS09, CCT13, ¯O13, FLP05,
JC09, KKL06, KIC12, Li15, LAM07,
MROD10, PGSM05, PMMA13, PRS12,
PI18a, PPLL17, SM10, SLZ+09, WLP10,
XKB18, ZQZZ09, ZA13, BNFZ08,
CTT+08a, CdCD07, FX10, HJCI0, TPBS14,
TTP+07, WTK07]. PeerAppear
[CPLH19]. Pegasus [DVJ+15]. pegylated
[WCWC19]. pegylated-interferon
[WCWC19]. PEI [VP94]. penalty [GZZ+18]. people
[GMLGB+17, GGMS18, KPG19, RMSPP17].
people-to-people [GGMS18].
per-application [XLL+14]. perceived [XJJ+18].
perceived-constraint [XJJ+18].
Perception [KSK+19, GGH+19, LWH+18, ZYW+18, vDBB98]. perceptron
[LMM19]. perceptron-based [LMM19].
percolation [BMPS01, Pal13]. percolation-driven [Pal13].
percutaneous [WWP19]. Performance
[AFSH+18, AHL11, APS+19, AAS+19, BMRW01, BGI14, BJT+20, Ben99, BDZ13,
dMBPSCB20, BM92, BP94, BK06, CMT01, CHC+17, CMZ95, Cho04, CCKW88,
DQC+19, DZ04, Dim99, EPB18, ETR+13, FM01, FBS18, Gen95, GTB87, HB98, HCL07,
HMW14, HJCD05, HJK+04, JSK+06, JS13, KZC04, KI19, KJFS12, KSW+13, Kun94,
LPS19, LRC+18, LPD+13, LOK09, LHZY19, MLC+11, MYBM18, MM03, MLZ+00,
Par04, PIP18b, RKSU08, RPSG10, S118, Shi04, S03, SG14, SwAS01, SK06, TDF07,
VRS+19, VSV95, WDJC18, WYJ+19, Wli00, Wri19, WXGM18, Yam92, dOOO+13, dSL98,
ABA09, AB01, AFP07, AkBAL+19, ADKS06, ACU95, AMW99, AB95, AKB18b, ACG+20,
ASB18, AEME+18, BL98, BARMB14, BDA19, BFS+17a, BFS+17b, BBC+99,
BC17, Ber96, BCS99, Bhu95, Bis94, BS09, BGC+03, BGLM17, BRTH18, CRE01].
performance
[CN17, CSW06, CCRV13, CW+08, CKFJ06, CSG+18, CW13a, CCW+20b,
CLP+14, CS12, DCS+07, DCFB19, DRS+97, DPS16, DGCQ17, Dog09, DHS99, ET08,
EP13, FD02, FSM+18a, FJ00, FJT01, FPR18, FdSC07, GVT16, GAFF0G12,
GNOY01, GS13, GJ13, GVI13, GSC11, GLNT13, GAMC19, GeAR13, GRMSQS18,
GHV+20, GIK18, GGH+06, GGSZ09, GJRP18, GG10, GAB+96, HD05, HAF+16,
HHSW92, HCD+94, HAE+03, HO02, HKT10, HKM+06, HWZL08, JAA09,
JLC18, KDHP16, Ka94, KZL06, KMB+17, KBSVH14, Kha12, KAK20, KSAOK08,
KBM+02, KKK07, KPM+18, KSC+19, KCV11, KKW+14, KSL7b, KAE+18,
KB92, LAU01, LSLS05, Lee04, LGW07, LB09, LRYJ17, LSD+17, LTL+19, LQW+20,
LHX+18, LFH+15, LLRS02, LM90b, MJM+16, MH01, MYW+19, MAJD18,
MBMTJR18, MKH06, MI01, MKH13, MD12, MSBA16, MSM+18a, MF118, MOK06,
MDT+18, MRD10]. performance
[MWMA10, NNRA19, OG18, OF07, OKF10, OP97, OS01, PLZG19, PS10, PH99, PSL19,
PMBS14, PSS+09, PH94, PAK19, PDD810, QWCW19, RV09, RMJ+18, RS16, RLL+17,
RV03b, RS01, RS04, RKB18, RZDM01, RCTY19, SPMC10, SEH99, STH+98,
SGFS01, SB97, Sch93, ShN10, SGK10, SEM11, SDZ+20, SEPV19, SS119, SSZ13,
SBA+17, Ste94, SRCR97, SSP17, SCHR+19, SVG10, TLTY06, Tao10, TMZD15,
TBDL16, TuIS+19, TS08, TBNF09, Tura18, VM02, VB03, WJS+18, WMY+18,
WZWC18, WFB08, Wti94, WSH09, WWH17, WCC+09, XTF+19, XZK+20,
XDHL12, YJA03, YZLQ14, ZG19, ZMP10, ZN12, YZ+18, ZLTY10, ZZ17, ZCQ+16,
ZYT15, ZGCM00, dKdOS03, Ld99]. performance-aware [KKW+14].
performance-critical [XTF+19].
performance-directed [RSR01].
performance-to-power [RCTY19].
performances
[CGIP14, GIM16, SAH19, UNM+16]. performing [CEJК94, SOD18]. perimeter
[RR18]. perimeters [DDR+07]. pericircular [TA19]. period [DOV01].
periodic [HIA18, KY04, SHP+16, SMS14b, TKT+08]. periodic-frequent [HIA18]. PERMIS
[CO03]. permission [LZM+18, MRL14]. permissioned [HSGY20]. permissions
[KKA18]. permutation [ABM18]. perpetual [RA12]. persistence [MEW+19].
Persistent
[CSYY18, ALL+18, GHP+18, ZSP17].
[EHMS00, GTCZG+18, Rao17, WLP18, ALL+18, HCC+14, JLU03, KZA11, LWF+17, Wal94, XZC+19, BSR18, LHL15, PSG+06].

**Personalisation** [SCN+14], **Personalisation** [PNH99], **personalisation** [APR+19, FHYY15, MGV18]. **Personalized** [CT19c, NWD+18, ZCH+17, BJ12, GJ18, LG08, PARMF14, WWW+19, WMA18, WLS+18, ZZJY16, ZSGJ19]. **personnel** [CLS19a]. **perspective** [Aig86, BDH14, GVBG17, GSKS20, HDC+94, HPS97, HQ07, HQ10, Kob92, LPL+20, Mur95, RMA+20, SSK+08, TBR+19, Wal94, WWRS16, Wil86, WZ16].

**Perspectives** [LPC+95, Nar86, SBB+10, SRCR97, AC10, Baa87, KKvdb17, PT05]. **Pervasive** [AT18b, CMA19, RA1+19, CPDJ13, CC11, CD08, HZC+08, Kol18, NDZ+18a, NDZ+18b, NDZ+19, OB17, Pal13, SCN+14, SMN+14, YMS20, ZGZ+10]. **Pessimistic** [LM12]. **PESYS** [DW87]. **pet** [KS18d]. **peta** [LSH+11]. **peta-scale** [LSH+11]. **petabyte** [KLW+18]. **Peter** [Ano86]. **Petri** [AEM10]. **petrochemical** [Han89]. **Petroleum** [CHF+19]. **PETSc** [HNS05]. **PFRF** [LLpC12]. **PGGA** [LYQ06]. **Ph** [vdR87c]. **pharmaceutical** [BGR+99]. **Phase** [HK1+19, K189, PM14, BGL2, CEGL01, Fre94, FM10b, HZP+14, HZ19, JF95, Mur86, TC92, WH19].

**phase-based** [FM10b]. **phase-difference** [BG12]. **phased** [AWN+13]. **phases** [KRZ12]. **Phenomena** [BKS98, BMPS01, CC19, DS99, KCT99, SW99]. **phenomenon** [SzU1, TDL20]. **phenomics** [PAC+17]. **phenotype** [MS03]. **Phenylum** [DRS04]. **PHESS** [SA19]. **PHFS** [KJS11]. **phishing** [LYC+19, SZ12, WFQ+10]. **phone** [DYC+18, HHH+19, YWY+17]. **photodynamic** [ZM2+19]. **photoelectric** [XKJ+18]. **photography** [DJJ+18]. **photonic** [GGH+03, GMM+09, HAE+03, WDL16, ZLD+03, MWC+03]. **Photoplethysmogram** [RAA+19].

**phylogenetic** [OdOD+13, SLO+05b]. **phylogenetic** [dOOO+13]. **Physical** [CFH+19, GMM18, HLV+16, IDM+20, KVCY20, LWW+16, SHS+19, YL20, ZGY20, AB+19, ABF+15a, AAM+16, BDE17, BK16, CM17, CLQS20, DWJM18, EAED18, EG18, GVBG17, GAW+18, GH19, GMP+17, HRM20, HAAR+19, JHC10, KYPJ20, KB16, LLS+14, LSL+15, LLG+20, LZY+16, MPPF19, NL+16, OFD17, OA17, PKF14, PTD+18, RPP+20, RVC16b, RVC16a, SMS14a, SzK16, Sko19, SZD+17, SM18, SSC04, VL19, WLZ+16, XZJ+20, XLZ18, XZK+20, YS16, ZYL+20, APR16, ZLH14]. **physically** [GL99, VLO03]. **Physics** [LBB+09, ABB+03, HMM+19, MDD89, Par06]. **physics-based** [HMM+19]. **physiological** [GGH+19]. **PICADOR** [BP+17]. **PiCo** [MDT+18]. **Picos** [YAJG+15]. **picture** [Fuk85, LYZC15, RM19]. **pictures** [SKF+09, WM14]. **PID** [dSF+19]. **PID-inspired** [dSF+19]. **PIE64** [HKT94]. **piecewise** [GZ+18]. **pillar** [RHH+19]. **pillbox** [HZM14]. **pilot** [Mar99b, RMHCMG15]. **Pinatubo** [CDSR05]. **pinning** [KAC+18]. **PIOMT** [Aba06]. **PIPE** [CBD0+]. **Pipeline** [PG19, KN10, ZZJ17, HRR+14]. **Pipeline-integrity** [PG19]. **pipelined** [PHL98, WMX17, WLF+09]. **pipelines** [MDT+18]. **pipesCloud** [WMY+18]. **Pixel** [XTL+19, PK10]. **Pixel-wise** [XTL+19]. **PKI** [GMC03, JXY+19, Var00]. **PKIX** [JLU03]. **PKIX-based** [JLU03]. **place** [WMX17]. **placement** [AD19, AK14, ACK+15, BBB+19, CCL+20, CRTN17, EBCP18, GLJ19, LLW18, LWT19b, LZLY20, LWZ18, LPB+18, Loy05, ML13, MNV12, MDD15, Pon19, SBBM18, SO98, TZZL18, TMW+17, TMMVL12, YPL17, YYLC10, ZWH17, ZYL+16]. **Placing** [HZ19, KN10]. **plagiarism** [AIP+19]. **plan** [ABZK15, LWS+12].
Planck [TMV+07], plane
[CBBdL16, GZLZ16, HYG+19, LLW+19c].
planes [Mam09]. planned [KY85].
Planning [WTM+17, AMD08, AFPG91,
AFT+92, BA17, CMB17, CYJ19, DCC+14,
HYRZ20, KDE04, Mar02, OS92, RN04,
SSHC19, SA14, XZC+19, ZWMC19]. plant
[ABAJ20, Hr89, Mae89, PAC+17, Suz89].
plants [Han89]. plasma [BVDF00].
plasmas [GPH+94]. plastic [Ned06].
Platform [GC00, GPS+17, PECA19, SV16,
AMQS+19, ABB+19a, AAA+19, AAI+19,
CQW+19, CVKB12, CGSV17, CW93,
CSQL17, DDV92, DVVD02, DBA98, EET20,
Faut05, FPP+18, FCD+18, FSP+18,
GTMZ17, JNS+19, JCA+19, KSS19,
KSR+19, KGS+19, KKS+18a, KKKM17,
KKKM18, LYJ10, LSH+11, LXL+19,
LWHS07, LLW+18b, MAD+16, NV11,
NKB19, NDZ+18a, NDZ+18b, NDZ+19,
PWB+13, PLL17, QZD+18, SAGGB17,
SVfdA20, SBHD08, SA19, SBF+18,
TKA+18a, TSGVRGS19, TCN+14, TCB+17,
VF18, WTK07, WQQ15, WCC+16,
WZW19b, XFL116, YWL+17, ZZZB19,
ZJWZ04, dSK+19, dVGSB+20, CLM+16].
Platform-as-a-Service [CLM+16].
platform-independent [dVGSB+20].
platforms [AUSA19, BYV+09, ́AKPM19,
CCT13, CA15b, DXX+18, HA16, HA18,
HPP20, KMK+14, LCH+11, LOR+18,
LLW+18a, LRZ+18, LZX16, M01, McdA16,
NCC+19, PPPS18, PPA18, RML+19, RB18,
SB16, SBP+17, SG15, TLC+20, ZCL+14,
ZXD+20, ZZQ+13, dSBN19]. play
[dRRRR+18, WXLY15]. playground
[GGW+09]. Playing [Mér17]. PLC
[XKJ+18]. PLFG [Tan02b]. plot [ARP+19].
plot-based [ARP+19]. Plug
[MS01, CCSD08, dRRRR+18].
plug-and-play [dRRRR+18]. plug-in
[CCSD08]. Plug-ins [MS01]. plumes
[Sha16]. plus [BS96, CYB90]. PM
[WBF08, XTL+19]. PMC [BBC+12].
PMC-based [BBC+12].
PMCommunication [STH+98]. PMI
[TLG+15]. PMSM [VS19]. PODOS
[VSM02]. POI [LH20]. Point [KPG19,
WAE06, CFVP03, CWL+19, FGG03, Fio06,
JXZ+19, LWSY18, LW18b, Ram95, SKF+11,
WG+18, XWL+18, WTC+02].
point-of-interest
[JXZ+19, LWSY18, LW18b]. pointer
[KP12, KPG19]. pointing [MKM18]. Points
[YZZC19, DNJG17, LZZ19].
Poisonedwater [WN10]. Poisson
[LZLL18a]. PoKeMon [FZW+18].
polarizabilities [Tan04]. pole [Var03].
policies [ADBO18, BFP18, CXC+18, DZ04,
DT16, EPB18, KDG+19, Lea13, LH14,
LHC03, MG14, MVS+13, PZA18, SMF18].
Policy [Baa87, NCS12, Rao17, SVK19,
Ab09, AEK+18, BBI13, DLH+17, FS18,
GCTLA+19, HY09, HZL18a, Hua10,
JFZL17, JSMG18, LL04c, LJY10, LDZW19,
MHZ18, QRW+18, SME+19, VCC+03,
XZP+19, XLL18b, YBQ07, LAL+15, LHL15].
policy-based [GCTLA+19, VCC+03].
policy-hidden [XZP+19]. pollination
[GHEB+18]. polling [AAC04, WWG19a].
polyadic [Bu18, GLC19]. polygons [LD04].
polymer [JLRR00]. polymorphic
[AMM16]. Polynomial [CLS+19b].
Polynomial-based [CLS+19b].
Polynomials [TX14]. polyradicals [She04].
polysonomographies [KCH+13]. POMPC
[For95]. Ponzi [BCCS90]. pool [GFM+20].
Pools [PRF20, HS19]. POOSS [CCHW91].
POP [NK07, ZCDV19]. POP-C [NK07].
POPE [BG87]. Popularity
[WZML18, ZLL17a]. Popularity-based
[WZML18]. population [Gue01, KX11].
pornographic [LYXT14]. porosimetry
[HRJ+04]. porous [RS99]. port
[CCHW03, ESP17]. portability
[CN92, HA18, MC96, PSL19, Ren03b].
portable
[BCC+95, GD93b, MMC+18, PMPC13].
portal
[FFPS10, GL04a, KKS08, LW08, RMA+16, YLC+06, BAD+05, FK11, FN12a].

portal-based [LW08]. portals [BCMA07].

portfolio [BHRT98, HKP10]. Porting [FGH09b, CR92, GJS+94]. ports [CSL18].

PoRX [WLC+20]. Position [FZV+18, YXA+18, BSE+13, ZF16].

position-based [ZF16]. positional [JHV+20]. positioning

[CSC19, HDH+18, LW+16, OMD+18].

positive [Amo06, WJL18]. positives [LY17].

post-production [BDMO11].
posts [HO17, NO19]. posture

[KLC05, TMB+19]. Potential

[WZH+19, ABD+19, AAC+19, JZL+20, KPS18, LZH+18, MKS18, WLYL11].

potentials [DMM98]. £10.95 [vdR87].

£14.95 [vdR87d]. £25 [vdR87a]. £25.00 [Ano87].

£29.95 [Ano87]. £40 [vdR87b]. £7.90

[Ano86].

Power

[ADAAD12, AAM+16, AEME+18, CLL+18a, JLC12, KES17, KAEAC+18, LLC14a, MP17, PZA18, Par90, SCEC18, TKA18b, XLL+19c, AAQ+19, BAJA20, BBC+12, CT19a, CT19b, CN92, CRB+16, DMC+19, DDD18, DH+17, FAA+18, FPL+19, GRTV10, GAT+20, GvdBDL15, GFW+18, HH19, JOPW14, JNR12, JKLK17, Kad20, KCM19, LC01, LW+18, MC20, MCM+18, NSSA+14, Qur19, RMRS19, RCTY19, Shi04, UWW92, VGC+13, WZWC18, WWG19a, WOPW13, YZLQ14, YLHY14, YG+19, Zad87, ZAC+18, vdLLE19].

Power-Aware

[TKA18b, ADAAD12, AEME+18, LLC14a, DDD18, JNR12, Qur19]. power-awareness

[GRTV10]. power-domain [Kad20].

Power-efficient [AAM+16, JLC12].

Power-performance [KAEC+18].

power/rate [KCM19]. Powered

[TAB+18, CFMC19, GDS18, GCZ+19, PSW+14, ZGY20, ZBBZ19]. Powerful

[CCL08, ABM19, BSE+13, Pud87]. pp

[Zem86, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j, WZML18, vDR87c, vDR87g, vDR87h]. pp. [vdR87e, vdR87k]. PPDP

[ZZXL18]. PPFCADA [FTA+14]. PPG

[RAA+19]. PPQ [MTE18]. ppXen

[ASB18]. PR [CFD+20]. PR-KELM

[CFD+20]. Practical

[CÖ13, KGT15, SPM86, WOPW13, vdV89b, ABdLL05, BvdBM15, BSE+19, BAC02, BLB03, Din99, HCL+17, MdOO+17, MLZ+00, QMSG12, WDR+19, ZSW+18].

Practice [CDFZ16, XDLW15, BGR99, DSSU97, Ger02, PMPC13, PT05, WGM15].

practices [BHD09, KS19, TIHT14].

PRAMs [HS92]. Prandtl [Tab06]. pre

[HCL07, HML07, SR12, YNK+20, ZCQ+16].

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

pre-large [YNK+20]. pre-scheduling

[HCL07, pre-WS [HML07]. precaution

[AQRH+18]. precedence

[MRN19, TLL+11]. precise [AMC19, CCW+20b, GGN17, WHS+18, HYF18].

precoded [KKB+19]. precoding [ZWL13].

precompiler [BEWZ10]. precomputation

[LJW08]. preconditioned [VFS01].

preconditioner [VF01]. preconditioners

[ID98]. preconditioning

[BTM10, KZC04, WKZH+03].

preconditionings [MvdV01, mN95].

predator [Dho20]. Predatory [XRPT18].

predicate [FH13, HFT16, Qur04].

predicate-ordered [Qu04]. preication

[RG+19]. Predict [ZSI08, AS19a, ABG17, CLP+14, PGPW09, ZLTY10].

Predictability

[Mid01, BVFGWA15, McC96]. predictable

[LYQ06, MWPVB12]. Predicting

[BDA19, CND+19, MAJD18, MBD+18a, SPSP17, DR+19, LTT+19, LQW+20, WQGI5, YWLL19]. Prediction

[PN09, ACML05, AFH+18, AQAR+18,
ADA+19, AMKM18, AK18a, BMR15, BZHV19, BBMG10, BGC+03, BRB19a, BK06, CHWW13, CGV10, CSW06, CSL17, CAL+18, CSL19, CFD+20, CWM+20, CLQS20, CCW+20b, CGM+18, CRWZ19, DMZ12, DWZ20, DdM10, DLS+12, FEÁ19, GAW+18, GDP20, GSP+17, GP11, GAA19, HPZL18, HUY+19, HYS+17, HHS+18, IKLL12, JSK+06, JHC18, JLY+18, Jun18, KXS+16, KLJS19, KLV+18, KS18c, Kyr19, LWSY18, LMCE19, LCY+19b, LJW+19b, MZH+17, MID16, MCT+15, MPF+16, MQL+19, MWL+20, NWD+18, PSI19, PNGFJ13, POMK20, PKC04, PDT+18, RGAT18, RRKA19, RLP12, RCW+19, SMRM13, SL11, SRP19, TMT+07, TYWZ18, VS04, VSV95, WWH17, WYH+17, WYL+18, XHL+19, YLY+19, YYY+19, ZZXL18, ZZBP19, ZWL20, ZZZB19, ZWYZ19, ZXL14, VVB15, FGG13.


Preface [ARB12, Fis00, Her90, KJ12, LH13a, LSHW17, Miz89b, Par91, Rus90a, Šle14, Slo05a, XKC13]. Preference [ZZC14, MTD18, SRP19, ZL18].


Preprocessor [VOV17]. prescribed [CDS03]. prescription [HIA+18b]. presence [KDHP16, MFT+17, RBLvM14]. Present [Abe92, AGMT17, Fer84, Bis94]. presentation [Zna94]. preservation [BKM03, HRC19, HBH09, KRZ+19, PLW+19, SYJA19, XXQ+19]. preserved [CRYG18, ZCL+19]. Preserving [TSOB15, YDNV16, ALL+18, BDM+20, CZ12, DHW+17, EL03, FTA+14, FH13, FXG+19, FLL+19, FRZ19, GQXL18, GAI+18, GSR+19, 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, LLAW17, MML+18, MQL+19, NK17, NNUV20, NLS19, PSY+19, QZD+18, QGX18, RBA17, SYY+17, SLW11, SLL+17, TOM+20, TAS+18, UM02, VCD+18, Wan18b, XCS+18, YLN15, YZG+18, YZL+19, YCXW18, YHY+19, ZYK17, ZZXL18, ZZX+19, ZCDV19, ZRZ+14].


prevention-based [SMF+19]. preventative [PPMM+18]. PREVISE [dLLA93]. prey [Dho20]. Price [Ano86i, Ano87b, Ano87c, Ano87l, CLR18, FEÁ19, GGLW18, JTB13, JHC18, SSHC19, WBR19, vdR87b, vdR87a, vdR87d, vdR87f, vdR87i, vdR87j]. prices [LZL+20]. pricing [ADA+19, DVB14, DEG+17, JBR+16, RA12, SVB07, Ven08, YLJL18, YYCB10, ZZXL18, GYA+16]. primitives [BH13, BDFP05]. principal [MZYA19]. Principles [DH00a, VRGR16, DK00, Gil94, GS15, PO00, Pap05, WRBG94]. print [KLH+04].

printed [YCYJ18]. priority [GL04a]. priorities [GS13]. prioritization [FD95, SRN+18]. Prioritized [WBT+08, GMP20, YH19]. priority [AS18a, ÇBCA15, DSCJ18, RWJ+20].
VAdlP12, ZZZC19. **priority-based** [RWJ+20, ZZZC19]. **Privacy** [AWYJ16, ACC+19a, ABB+19a, ALL+18, CBC+19, CRYG18, FTA+14, FRZ19, GQXL18, HRC19, JYY+17, JLX+19, KK20, KH18b, LLC+14b, LYY+18, LLY+18, LLGY18, LLAW17, MHZK18, MQL+19, NK17, Opp00, PMBS14, PSY+19, QGX18, SAK19, TAs+18, WSN18, XDWL15, YDNV16, YZG+18, ZYK17, ZWS+12, ZCL+19, ACL+18, AdvAGF18, AIA+18b, AM10, BDM+20, CD16, DA18, DGY+18, FH13, FXg+19, FLL+19, GAI+18, GBKJ18, GLD+19b, GSN+18, HA+19, HHW+19, HHK+16, HPL+19, IOV+18, JCMPPC+18, JLC18, KKB18, KYB+19, KRZ+19, KC19a, KLMB19, LCL+16, LLH+17, LYC18, LLW+19a, LXMW15, LLM+16, LSHW17, LDY+18, LNY+18, LRBW17, MML+18, MRR+20, NJB19, NWM17, NNU20, NLS19, PARMF14, PLW+19, QZD+18, RHH+16, RRA17, SYJ19, SYY+17, SCL14, SCZ+14, SLW11, SCH+17, SLL+17, TOM+20, TBR+19, VCD+18, Wan18b, WZE19, XCS+18, XXQ+19, YLN15, YZW+18, YXA+18, YZL+19, YCW18, YKO17, ZCLW18, ZXXL18, ZCYZ18, ZLT+19, ZZX+19]. **privacy** [ZZZ+19, ZCDV19, ZRZ+14, FW19]. **Privacy-aware** [MHZK18, DA18, SCH+17]. **Privacy-based** [LLGY18]. **Privacy-friendly** [ABB+19a]. **privacy-preservation** [KIRZ+19]. **Privacy-preserved** [CRYG18, ZCL+19]. **Privacy-Preserving** [YDNV16, ALL+18, FRZ19, GQXL18, JLX+19, KH18b, LLC+14b, LLY+18, LLAW17, MQL+19, PSY+19, QGX18, TAs+18, YZG+18, ZYK17, BDM+20, GAI+18, JLC18, KC19a, KLMB19, LCL+16, LLH+17, LXMW15, LLM+16, LDY+18, LNY+18, MML+18, NNU20, QZD+18, SYZ+17, Wan18b, XCS+18, YZL+19, YCW18, ZXXL18, ZZX+19, ZCDV19]. **Privacy-protected** [WSN18]. **privacy-protecting** [CD16]. **Privacy/performance** [PMBS14]. **Private** [RBLvM14, BDCC19, CL+14, FDPR17, GSL12, HYF18, KTY03, KKL11, LYY+20b, Nag86a, PMBS14, SGK10, WLL+19a, ZZX18]. **privatized** [SB17b]. **PrivBox** [ABH18]. **privelege** [CO03, QRW+18, WXRZ19]. **PRNU** [VOCH17]. **PRNU-based** [VOCH17]. **Proactive** [BB+20, GHYK18, LW18a, NNH+19, QT+18, WZML18, ZAH+20, ABDH19, CdRdCB19, KAW12, LMA+19, NJH+18, SC19]. **Probabilistic** [AB19c, HAA+20, LZ20, MK95, RT16, SGBK19, AC92, Bag16, Bag19, Ban05, EMM12, LNJL19, SB18, WPNY19, WLZ+20]. **probabilities** [DK14]. **Probability** [HLC16, LYYY18]. **Probability-based** [HLC16]. **Problem** [Jon00, Pad92, WH19, YPF05, ABMESM18, ABMMC18, AK18a, BMZ10, BJA+05, BP13, BHR08, CSC+05, CGH04, CD99, CRM05, Del06, DV13, DC19, DOV01, DSCJ18, EPJ+05, GMM18, HXWW18, KKS08, KG19, Kos00, MC00, NM05, OVDV98, OB19, Prz03, SJ13, SMK05, SK18, SV15, TRFR01, TV16, Tre03, VPDS09, WH05, WLN16, WAE06, ZS05b, ZAP05, tYV96, vdV89a, SM01, VAS95]. **Problem-Solving** [YPF05, Pad92, CRM05, WH05]. Problems [Nit86, SSG17, Van87a, BCMR01, BS04, BV04, CMT16, CTM06, Dat03, DHD89, DR03, ED04, FFPS10, GOLL19, HL89, JNR01, LPS19, MGMT18, MR04a, MKK03, NO04, Ned06, PKC+05, RGH+01, SKT+08, Sch03, SJ12, Tab06, THKG98, VFS01, WWX+17, XA10, XRPT18, YDD+18, ZRZL18, ZTKF17, ZEO98, ZEO01]. **procedural** [BMFC07]. **procedure** [AS19a, FCW01, LYS12]. **procedures** [RB12, dLAA93]. **Proceedings** [Rho89]. **Process** [ANG+19, SJV+15, BBL+05,
BGRBA19, CLP95, CRVZ15, CAS+18, Cur92, DVV90, DLZ+14, EG18, FJ00, HAAH05, HXC+18, JXZ+19, KYZ19, LZL18a, LWS+12, LWH+18, LCCM18, MKM11, Niw99, PTD+18, dRRdGGR+18, SGY+07, SSSJ99b, TIHT14, WZ16, YSC+19, YJL+19, ZMS+06, ZTC20. process-based [LHW+18]. process-independent [CLP95]. processes [De 88].

Processing [Bag16, BMSP01, BBT19, KB818a, BDNN02, CM01, CHSA18, EL98, Gue01, HW95, LDJL19, Mis92, MAB+15, SKT02, WMLS14]. Processing-as-a-Service [HB19]. Processor [VV92, XHY+90, AG92, Dui89, GS15, Goo01, Goo02, JCSS00, LC03, LMH+99, MRN19, MW12, Ser98, WWZC19, DFSZ88, Geo02]. processors [ASW11, ADH+16, BVFGWA15, BFR05, DR05, FD95, GVA+16, KR14, Li18, LG16b, PAB+14, SD06, SCK+00, WSH+16, WLRL18, YDT19]. ProCoS [BHH91, BHH92]. Procrustes [Tre03]. procurement [VVB15]. Producing [Wei11, LHJC18]. product [HBCR01, SPS18, Tho06, WHCZ18, XLL+19b]. production [BDMO11, CFI+19, EG18, GSV+10, GML99, KHS89, LLC+16, MSS+13, RGM+19, RSRA18, RWV+13, YMW+18]. productive [HIA18]. productivity [CGMT20, LJ07]. products-Towards [KHG+18]. professionalized [ZCH+17]. ProFID [CÖ13]. Profile [Qur19, VTTK17, CLM+16, FC05, LLAW17, SL11, ZL04a]. Profile-based [Qur19, VTTK17, ZL04a]. profile-driven [FC05]. profile-matching [LLAW17]. profiled [RAK18]. profiles [PARMF14]. Profiling [ADLM18, TWdLZ19, EET18, JCD+13, LZYH19, PFS+13, SL11, YZLQ14]. Profit [AB17, AB18c, SSJ19, CBL13, GBF+12]. Profit-aware [AB17, AB18c]. profit-driven [GBF+12]. prognostics [PLL19]. Program [BS96, BP94, ASV+13, Ano86m, Baa87, Bun03, CC00, Fah98, FHG95b, Höf03, KDFL99, Kom89b, KV03, LCH+11, Leo98, L90, LDH95, MFWC12, MRV92, RS94, SR03, Ser98, SLO+05b, SBLT05, TBK+10, Yam92]. Programmable [BRH18, Tof99, XLL18b]. Programme [HT02]. Programmer [Kee99]. Programmer-level [Kee99]. programmers [ORPP20, Teb86, vdR87]. Programming [BCL88, BR92, BP94, CSP98, JBA94, KGX95, KBM+02, KB92, Lok12, LSF+94, NK07, PBM95, ST99, AGCdT02, ADAAD12, ADT03, Ano84k, Ano85g, Bal92, Bal16, BMFC07, BSG+05, BLB03, CLP95, CDF+05, CMS+18, CPK05, DP20, DDR96, DHS00b, DLW86, DSCJ18, GQLX18, GHWZ94, GdVC10, GGA+17, HLSO06, IMSV90, JF05, Kom89b, LP01, LLP+20, Luk89, MD92a, McC96, MS01, MK95, NF13, OBK88, Oka92, RMA+20.
Progress [HV84, WGX, VP94, WWZC19, ZT90, ZT91, Zha93, ZS90].

Ano19l, DQ97, KTV03, LTOT07, LNY, Lop93, Teb86, vdR87i, vdR87j.

Promise [TS99, Fer84, HRC19]. protected

Protected [TS99, Fer84, HRC19].

Prospects [AGBR19, WSN18].

Protecting [CYW+19, EHMS00, Sip12, SSB13, YZJ+20, CD16, HHW+19, TBR+19].

Protection [AIM+19, HLvL+97, AIA+18, ELAEAVAM19, HZW+18, HHXL13, HAAR+19, HPL+19, KYB+19, LTJK12, LLW+19a, L2L+12, Opp00, PVS17, RS17b, TMJH19, WDJC18, WWZ+20, XWRZ19, ZZ+19]. protein [BORM07, CGV10, CCG07, DCK03, DNG17, MMV19, SSLF+10, TMT+17, VR12, ZZB19].

Proteins [BORM07, FVFA98].

proteinuria [QXZ+19]. Protocol

[GLXF17, AMKC19, AMH02, AMH04, AGR19, AQRH+18, AT19b, AS02, ACE02, ABB+19, ASAA18, AH11, BP13, BDFP05, BBR19a, BGN19, CHJS+10, FG18, GCK18, GGL04b, GZL+18, HZW+18, IOV+18, JBM+18, KYB+19, KKL09b, KC19a, LCL+19, LSD11, LWW+16, LWL+18, LEW19, LM12, LLAW17, LYY+20b, MLC+18, MZD+16, RACA18, Reu03a, RRU+18, RWJ+20, SCS+18, SL19, SAVS19, TKA18b, TZD+19, Wan18b, WDZ19, WMA+19, XZZ+14, ZXW+18, ZYW+18, ZXWA18, BBM+03, JL14, OVK+09].

Protocols [BCH+08, GSD95, ZYA+18, BSR18, BAC02, CJG+18, DS98, DZH18, ELAEAVAM19, GBJK18, LDI12, RC18, RC19, RMBD18, TLSC17, TVV13, TAS+18, URKM19, YH18, ZGS+13, ZAI+18, dCRL+19, SMC99].

Proto [SWL+20].

protype [Ans11, GRPL04, KSY92, WWVJ17, ZY90, ZCW+04].

prototyping [GMD19, XWW19].

Provable [GZQ+19, WXYL15].

Provably-secure [ECE+19].

Provenance [GCM+11, GM11, MII11, MCF+11, SB11, ATdC+16, ABG17, AS02, CPA14, DLI18, CMD+14, DCMB15, DMMM11, FKOC11, GSR+19, HMM18, HK+18, LCHW14, LLCF11, LFH+15, MSS+13, MG11, SG11, WLF+09, WHW17, XFTZ16].

provenance-based [GSR+19].
provide [MK04, dSGD19].
Provider [GVdBdL15, BMU16, CLM+16, GSKS20, GBRM18, IGB+14, PRSR14].
Providers [ABTA18, FNM+17, SS17, AM19b, CMB17, CAC+15, CBR+13, FG14, LLY+18, MG14, MHA09, SSRQ19, SKS17, TMMVL12, YDQC19, ZAH+20].
Providing [CCCT14, MLM16, MMO+17, VGD+19, WWDF18, WHS+18, Wit94, ZWQ+19, dO00+13].

public-resource [SCCS11].
publication [GB10, TSTL16, WSN18].
Publications [vdR86b].
Publish [BGP+17, AMPZ16, EBCP18, GGC17, HMP04, MWQ+14, OKF10, XWJ+16].
publish/subscribe [AMPZ16, EBCP18, MWQ+14, OKF10, XWJ+16].
Published [Ano86i, Zad87, vdR86b, FFS+13].
Publisher [Ano87b, Ano87c, Ano87l, Ano89f, Ano06].
Publishers [vdR87f].
Publishing [FTA+14, PSY+19, PCM99, SLW11, ZW5+12].
Puerto [SR03].
PUF [BDL+19].
PUF-based [BDL+19].
PUL [BCM+95].
Pulse [OMPSPL+19].
purchase [GGLW18].
purpose [AKW90b, BRN15, GXW+19, VBB11].
pursuit [YZZG18, YSZW18].
PVM [Ber96, CS96, PL96].
PVP [WWP19].
PYR [TTDZ15].
PYR [CDRS05].
pyramid [DA18, KY04].
pyramid-based [KY04].
pyroclastic [CDRS05].
Python [BCG05, HLS006].
Pyxis [vKvWD+13].
Pyxis-DT [vKvWD+13].

Q [CWL20, KBBV14, NUPA19].
Q-learning [CWL20].
QA [HPP20].
QaMeC [WLH+19].
QCG [ACH+11].
QCG-OMPI [ACH+11].
QFD [ABMMC18].
QoS [AB18c, BFS+17a, AJY12, AJY15b, ACCD17, AMT+12, AB17, BFS+17b, BCPS03, CVKB12, CCIP18, CM17, CAC+15, CSL17, CSLW19, CW+20, CTTD14, CRB+16, DMZ09, FG18, FD12, FMS08a, FA11b, GMM18, GMH10, GJGB19, GJF+12, GdLvOT03, HB19, HB00, HYX+19, HWQ+20, HMW14, JS12, JGFB18, KC14, KARP14, LL17, LCL14, LWS+12, LLW+12b, LHPC+19, MCL+16, MZH+17, MCT+15, MKT09, MM08, OWX19, Pa06, PSJ+12, PNZ14, QCY+19, QCD16, SC16, SSKK13, VGD+19, WWDF18, WHS+18, Wit94, ZWQ+19, d000+13].

public-resource [SCCS11].
publication [GB10, TSTL16, WSN18].
Publications [vdR86b].
Publish [BGP+17, AMPZ16, EBCP18, GGC17, HMP04, MWQ+14, OKF10, XWJ+16].
publish/subscribe [AMPZ16, EBCP18, MWQ+14, OKF10, XWJ+16].
Published [Ano86i, Zad87, vdR86b, FFS+13].
Publisher [Ano87b, Ano87c, Ano87l, Ano89f, Ano06].
Publishers [vdR87f].
Publishing [FTA+14, PSY+19, PCM99, SLW11, ZW5+12].
Puerto [SR03].
PUF [BDL+19].
PUF-based [BDL+19].
PUL [BCM+95].
Pulse [OMPSPL+19].
purchase [GGLW18].
purpose [AKW90b, BRN15, GXW+19, VBB11].
pursuit [YZZG18, YSZW18].
PVM [Ber96, CS96, PL96].
PVP [WWP19].
PYR [TTDZ15].
PYR [CDRS05].
pyramid [DA18, KY04].
power-aware [CDRS05].
pyramid-based [KY04].
pyroclastic [CDRS05].
Python [BCG05, HLS006].
Pyxis [vKvWD+13].
Pyxis-DT [vKvWD+13].

Q [CWL20, KBBV14, NUPA19].
Q-learning [CWL20].
QA [HPP20].
QaMeC [WLH+19].
QCG [ACH+11].
QCG-OMPI [ACH+11].
QFD [ABMMC18].
QoS [AB18c, BFS+17a, AJY12, AJY15b, ACCD17, AMT+12, AB17, BFS+17b, BCPS03, CVKB12, CCIP18, CM17, CAC+15, CSL17, CSLW19, CW+20, CTTD14, CRB+16, DMZ09, FG18, FD12, FMS08a, FA11b, GMM18, GMH10, GJGB19, GJF+12, GdLvOT03, HB19, HB00, HYX+19, HWQ+20, HMW14, JS12, JGFB18, KC14, KARP14, LL17, LCL14, LWS+12, LLW+12b, LHPC+19, MCL+16, MZH+17, MCT+15, MKT09, MM08, OWX19, Pa06, PSJ+12, PNZ14, QCY+19, QCD16, SC16, SSKK13, VGD+19, WWDF18, WHS+18, Wit94, ZWQ+19, d000+13].
SLS'19, SK19, VAdIP12, VSKS19, WLZ'16, WPS'19, WL05, WZ13, WYH'17, WYL'18, WLG'19, XTT'18, ZFW14, ZYW19.

QoS-aware [KC14, ACCD17, AMT+12, CCI18, CCE14, FG18, GM18, GJG18, JG18, MCL+16, SK19, WLZ'16, WPS'19, WZ13].

QoS-based [FMS08a, FA11b, SSK13].

QoS-driven [BFS'17, AJ12, BFS'17, CVK12, WLH'19].

QoS-enabled [QCY'19].

QoS-guaranteed [XTT'18].

QoS-oriented [HYX'19].

QR [SGS'18].

QRD [ZWL13].

Query-driven [SLZ'09].

Querying [NS17a, Ans11, CGST09, LZZ'16, LLM11, SB17b, ZSZ14].

questions [WBMP09].

queue [AS18a, RS17a, Tho06, ZA14].

queueing [Lee04].

KDG'19, Pon19, YZ12].

quick [KGLY18, WSZH18].

quick-response [KGLY18].

quicksort [PHL98].

quo [Kaw92].

R [Ano86i, Ano87b, Ano87c, Ano87d, vdR86b, vdR87j, vdR87k, WSS'09].

R&D [Ano84i, Nag86a, Smi86].

R-based [WSS'09].

race [KKP00, PM00].

rack [LFP'17].

radar [KS17a, LXT'19].

radial [NK05].

radiation [GZZ'18].

radicalisation [LCG19].

Radio [TK18a, ASA18, BMK'14b, CdRRdCB19, HJP'03, LBM18, SLJ'06, YK20].

radiological [BDNP92].

radiology [PK99].

radiosity [Sch98].

RAID [WZL18].

rail [LSZ'18].

railway [CLZ18, GCL18].

RAISE [BHH19, BHH20].

Random [LZZ'12, ArMS19, BYL'18, BMT06, CC98, FZC'20, HHW'19, LXD17, LXM'18, MLW'18b, RNR18, Szu19, Tan02b, TSZP99, ZSFZ19].

random-honest [FZC'20].

randomized [PdAM18].

randomness [WYZ'20].

Range [STA17a, BS19, CLR16, CSL19, LWX13, OS06, PM14, SJTN18, SHL08, SWL'20, ZWZ'19a].

range- [STA17a].

range-based [LWX13].

range-queriable [SJT18].

Rangelands [TST16].

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

ranked [LXK'14, NJB19, YQZ'19].
Reproducible [GMB19, QWCW19].

Reputation [PS10, ABH18, FMRS18, GA13, GL19, LXMW15, LHX+18, LLJ+11, PVGD+19, RYV+18, TY11, TMP15, WN10, WYBS11, WLC+20, ZZH+18, ZCZ+18].

Reputation-based [PS10, PVGD+19].

request [LLYW19, YZ12], requesters [KOM+20], requests [HFM19, SYAL13].

required [PCB99]. requirement [SMRM13]. requirements [Ber96, DDRR96, FC05, GDP+19, HSS17, LLW+12b, MKS+19, Mur95, PB05, QCD16, SDZ+20, YHA+19, YS16]. requires [DHS99]. rerouting [RRU+18]. resampling [HLZ+19]. Rescheduling [LZ10, dRdQGR+18]. Research [ACC+19c, CCIP18, CXX18, CZH+18, CDFZ16, CS18, CMZ+18, DGS09, DJJ+18, HGM15, Kaa99, LBJ+18, LGW+17, MYH18, PSP+09, Van87b, VCE+19, WWZ18, WZ18, WWZ18, YLL+19, YK017, AZH18, BOWD+19, BY93, BAD+05, BS84, CLM+16, CLCY18, CDB+19, CGL+10, CMD+14, FEB+19, Fur92, Gal87, GSGPP+19, GML+13, GHJ+19, GSN+18, HRC19, HPP+18, KZ17, KCH+13, LPC+95, LGS+07, MLC+11, MRT+19, MED16, MFL18, MM18, MND+19, MWP16, NFS87, OFMZ18, SDWS13, SGP+20, SJD+20, Sch94, SVN+10a, St93, Tic93, VB18, WLLH18, YS16, wZCN+19, ZL18, ZL04a, vdr87l, Kaa98]. researchers [HSB+18, SDWS13]. researches [PSI19]. reservation [CJK+18, CFG+05, DVB14]. reservations [CKP+19, ET08, NF07]. reserved [DEG+17, WCHL10, VVB15]. reservoir [PKC+15]. reshaping [DMZ12]. residential [GAA19, LIH+19]. residual [KSS19, RT15]. resilience [DSL14].

Resilient [AAAJ+18, APR+19, CM17, DLZ16, DCF19, EBCP18, LBB+19, PGTB18, RAAdRP19, TDV+08, Wan18a, YAX+18, dSFD+19]. resistance [XYML19].

Resisting [WSU+10]. resolution [ACSdRR17, DCC+14, GMMM18, sGbKS19, HNQ+18, HJPS03, JRR+11, JP18, KPB+03, KLH+04, PDW+11, PCC99, RZJ+09, RMA+16, SMC99, SLDK03, Wei11, YDK11, YTQ19]. resolving [SK18]. Resonance [RDSA+18, HZ+19]. resonators [CASW05].

Resource [CKKG99, COC10, DPK+19, DXL+18, EZTL19, EGK+07, EW97, HQ07, KK11, LWD+14, PFPJ18, PPL+15, PPA18, SMRM13, Slo96, SAK+10, TCBPR16, TSB18, VDPHS09, VPT+15, WCW18, WY17, Zhu04, ABG02, AJR+19, AFF+09, AGKZ18, AMHJ10, AC18, AEME+18, AS14, uRBIBC20, BAA+19, BS11, BBM+03, BCF+10, BAB12, BSOK+20, BMK+14b, BCR+12, BR10, CVKB12, CVT19, CFM19, CCL08, CH10, CCL11, CLL18b, CCLS09, CWM+20, CXC+18, CT09, CS12, CC09, Ciu10b, CCD+10, DVD12, DSO8, DSCJ18, ET08, EET20, EG18, Erd13, EMJ+13, EA17, FEÅ19, Fer13, Fer96, FEPIC18, FH+99, FSM+18b, GEG14, GDJ+13, GAJP18, GPK05, GRMR18, GFB+12, GFJ+12, HZC+08, HB08, HY09, HAP15, HZ+14, HC14, HB19, HH19, HB00, HDLW13, HZdL20, HPLL08, HML07, HML09, IDM+16, IDCJ11, IKLL12, ISS+15, IAL10, JLC12, JMJ19, KSS18]. resource [KC14, KHG+18, KA08, KMI11, KYPJ20, KAD14, KACN16, KV12, KK+14, KFC+07, KGdL11, KK+10, KMK+14, Lea13, Lea15, LCBF13, LTN10, LPK17, LPK18, LL04c, Li10, LYYYY18, LLZ+18a, LSCL19, LLZ+19, LYGY20, LYFZ20, LZCX19, LJY10, LC15, LLS+14, LSL+18, LWZ18, MTV05, MBS13, MV09, NGCB20, NRR+15, NCS12, NK15, PFRC16, PdASM18, Pip10, PSW+19, PGPW09, PPK18, PN09, PRN14, QMS12, QPTKG+12, RPH19, RGAT18, RC13, RML+19, RLP12, RT15, RP18, dRRR+18, RGCG+10, RSJ+14, RM11, SHBP10, SPD+19, SBAD+18, SJQ20, SIL+13, SCMS12, SMS14b, SSSJ19b, SCCS11, TLC+15, TKR+15, TTB+13,
TVB18, TSBH11, TTP+07, URKM19, VAdIP12, Vau93, VHML11, Ven09, VVB13b, Wal86, WCHL10, WCF+15, WLP+20, WAL18a, WSH99, WCC+09, XWZ+19, XTT18, YBQ07, YC13, YW12, YPHZ14, YMD+13, YMY+17, ZCM19, ZAB15, ZL13, ZZH+16, ZCS+16, ZGL+18. \textbf{resource} [ZXZL18, ZZZ17, ZT19, ZYXL05, ZH+18, ZCS+16, ZGL+18].

\textbf{Resource-aware} [DPK+19, PFPJ18, VPT+15, HY09, NK15, PSW+19, SSSJ19b].

\textbf{resource-conscious} [ZA14].

\textbf{resource-constrained} [NK15, Ven09].

\textbf{resource-impelled} [PRN14].

\textbf{resource-level} [GJF+12].

\textbf{resource-limited} [JLC12].

\textbf{resource-management} [Fer96].

\textbf{resource/service} [MV09].

\textbf{Resourcecomic} [CCM07], \textbf{resources} [ACC+05a, AMMC18, ACCM19, ABP16, ABN17, BJWZ08, BC15, BT17, BN16, BKKM11, CMZ+12, CXD18, DFC+08, DV14, EG18, EA13, GGM+09, HMM17, KHG13, KVR15, KRD+19, Kos95, KTTK17, Kyr19, LN13, MDA+19, MBMTJR18, MDD15, NQZ07, PSA+09, RMCM12, SGJ18, SSKK13, SDF+19, SVB07, TBCC18, VCKB12, VPT+10, Wu16, YDQC19, ZCW11, dCTVC18].

\textbf{respect} [HW95, KhsZwJ18].

\textbf{responders} [RCMT18].

\textbf{Response} [BCS09, CAB+18, GGDM+18, GGH+19, KZA11, KGLY18, TDC+14, WCWC19, ZFC17, ZFC18].

\textbf{responses} [PKSC02].

\textbf{Responsive} [Wes99].

\textbf{REST} [WZ16].

\textbf{restart} [Da06].

\textbf{Restarted} [BB04].

\textbf{RESTful} [KH19, KH18a].

\textbf{restoration} [XW+17].

\textbf{restrained} [LYFZ20].

\textbf{Restricted} [JCP+20, YSZW18].

\textbf{restrictions} [LDJL19].

\textbf{result} [CB10, ZCW11].

\textbf{Results} [Ano87m, KI89, Ano87j, FHG95a, GSR+19, LF95a, Man15, RHMGC14, SZR18, TKTG19].

\textbf{resuming} [ALM+10].

\textbf{retail} [AB18b, GPA00].

\textbf{retailers} [SSH19].

\textbf{Retargetable} [DR05].

\textbf{Retelab} [CGL+10].

\textbf{Rethink} [XJWW15].

\textbf{retinal} [JP18].

\textbf{retrieval} [AMBB18, AR15, ARP14, CC07, DQWX19, FLR+16, FC09, FMV14, GWW+19, HZC10, JC08, KZCW13, KY04, MFC+19, MS03, OcdAM07, SYT09, SLZ+09, SBD+18, SNA92, SSZ+17, TLC+20, XAW+10, XBS19, YJS18, ZZLZ18].

\textbf{retrievals} [MPP13].

\textbf{retry} [CK00].

\textbf{return} [Kuo86, TCH19, YAA+19].

\textbf{reusable} [AEK+18, CN92, LTZ15, RS17b, SK18].

\textbf{reuse} [CTR+17, TSTD16, TV08].

\textbf{reuse-by-composition} [TSTD16].

\textbf{Revamp} [TKA18b].

\textbf{reviews} [ZZF+19].

\textbf{revenue} [MG14, YDQC19].

\textbf{reverse} [FC05, HNP05, MLW+18b].

\textbf{reverse-mode} [FC05, HNP05].

\textbf{reversible} [HLC16, JL03].

\textbf{Review} [AZH18, KS18b, KTL17, QKC19, AHD+19, EGV18, Gra92, HHZ19, LNM+19, MND+19, MCWP16, PS19, SCAC+19, WZH+19, WLH18, YPX+20, Zha93, ZZBP19, Fuk85].

\textbf{Reviewer} [Ano86i, Ano87b, Ano87c, Ano87h].

\textbf{Reviewers} [Ano07, Ano08, Ano10, Ano11a, Ano12a].

\textbf{reviews} [RH19].

\textbf{Revised} [SZ0+20].

\textbf{revision} [LCC19].

\textbf{revisited} [RNR18].

\textbf{Revisiting} [WZY+19, ZLL+17b].

\textbf{revocable} [LDZW19].

\textbf{revolution} [Sin84, Bur02].

\textbf{Reward} [CLL18b, RYH+19, WHS+18].

\textbf{Reward-based} [CLL18b, RYH+19].

\textbf{rewrite} [SJ19].

\textbf{rewrite-based} [SJ19].

\textbf{rewriting} [XW+17].

\textbf{RF} [ASAAM+19, DD05].

\textbf{RF-based} [ASAAM+19].

\textbf{RFID} [ABC+18, AMKC19, ABS+18, BGC19b, CWSW14, GAI+18, LCL+19, LEW19, RBA17, SLK17, SJL+17, YH18, YZW+18].

\textbf{RFID-WSN} [ABC+18].

\textbf{rheology} [Ned06].

\textbf{RHKV} [WHZ19].

\textbf{rich} [RJH+09, TDLT20].

\textbf{rich-club} [TDLT20].

\textbf{Rico} [SR18].

\textbf{Ridge} [CAPG18, SVN+10a].

\textbf{riding} [WSU+10].

\textbf{Riet} [Ano86i, Ano87b, Ano87c, Ano87h].
MZC10, MSE19, PcFP+17, SGL+19, TSK03, USK16, UDVdW+18, VR05, YAJG+15.

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runtime-aware [SGL+19].
runtime-interference [Höf03]. runtimes
```

[DPP03, KTV03].

S [Ano87c, Teb86, vDr87c, vDr87i, vDr87j, Ano99, Chel8, LJYO4, PBA18, XWl+17, ZDL+19]. S-ABC [XWl+17]. S-InTime [PBA18]. SA [LHM14]. SaaS

[CLAL19, CGL15, CPP16, FHYH15, FPPD14, IS18, LWT19b, MBA19, RH+19, VK17, ZRZ19]. SaaS-based [FHYH15]. Sabotage [DSS07, Sar02]. Sabotage-tolerance [DSS07, Sar02]. safe

[BQI+20, OKM+19]. Safety

[WDW+19, BMR15, CY12, HDC+94, RSRA18, SPR+10, SCAC18, TF17]. safety-critical [BM+15]. safety-focused [CY12]. SAGE [KID+16]. SAGE-based

[SPC18, RD19, Salesman

[SM01, VAS95, DC19]. samples [MR19]. sampling

[MK19a, PPLL17, TKT+08, YKK13]. SAND [DCF19]. SAR [FC+14]. Satellite

[BT93, RRA19, CFV12]. satellites [TC92]. SATEXPERT [CS+92].

satisfaction [FHHM19, HMA18b, MLSF16]. saturation [Lea15]. save [SHP+16]. saving

[CJ14, JKL17, QC16, TDS16, ZZZ17]. savings [LN13]. SCADA

[FTA+14, ZSL+19b]. SCAI [HYC+18].

SCAI-SVSC [HYC+18]. Scalability

[ASV+13, BNFZ08, LLRS94, McC96, MG18, LSB+18, MROD10, SMCG9].

Scalable [AMH02, AGA16, BKB18a, CM+16, FS18, GZL16, GZWQ13, JO8, LLS09, LWT19a, LLW+19c, MWQ+14, Pal13, PN13, SBG+09, TCA+17, TJWS10, TSRG17, TDX+08, ZTFK17, AG92, ABG18, AB19b, AR07, AFB+10, BBC+17, BW95, CLL+14, DL+09, DVEV02, FWB13a, FWB13b, GGN17, GS15, GW01, JSC+15, KMB16, KK16, KK97, LCBF13, LC05, LBYL08, LN18, LHI+19, MCT+09, ÖEE13, Pal06, PHL98, PMCP20, PMLVLS+13, Pro07, RL98, RMA+16, SRZ15, SAGL10, SCK+00, SB17a, SLZ+09, SGS+18, SBL18, VS88, WJZ+17, YARH18, ZAB15, ZXW19, ZLR+15, ZJWZ04, dSK+19, FMD99, HMS15]. scalar [SW99]. Scale

[AKW90a, CHK98, EGV+18, TK+14, AB19c, BRL19, BBSV92, BAP14, BB+06, BDL06, BCG05, BCD+18, BCH+08, CZT+15, CWL+18, CYY+18, CDF+05, CGMT20, CRVZ15, CA13, CA15b, CR92, CTT+08b, CXL18, CC+19, CTMO06, CGM+18, CGJ+10, CSP13, Dat03, DEL19, DAM08, Din03, DC19, DKJ19, DPL14, FAJP99, FQBCF15, FRB+14, FDP17, FPGK18, FWB13a, GLA88, GDZ+19, GLNT13, GSV+94, GLVC18, GDAS18, GIM16, HB19, HST+18, HKM+06, HLCN16, HZ10, Ina19, JFG+18, IS18, JHC10, JO13, JY+18, JH02, JMTS15, KS95, KTV03, LKM14, LTN10, LSZ+16, LFP+17, LZZL18a, LSH+11, LPK94, LM12, MTO15, MKH06, MR04a, MMR19, MLW+18b, MKN19, NSP07, NS10, PPZ12, PLA18, PB17, PGCC+10, PF17, PPLL17, RN04, RL98, RCW+19, RMCMD12, SSHC19, SJL+18, TDFZ18, TLC+20, TJWS10, TY11].

scale [TH1T2, WCC05, WKZ+03, WLF16, WW+17, WRC17, WCH+18, WDD18, WCW18, WY19, WWG+19b, WBJ14, WS10, XYLZ18, XWL+15, YHJC05, YCAS03, YCX05, YGYW16, ZG19, ZWZ+13, ZSF19, ZW10, ZYTC15, XZL14, ZA14, dSFP+17, dSK+19]. scale-free

[CW+18, LZZL18a]. scale-out

[MKRD19, YGYW16]. Scaling

[Eng14, HVS+17, KZL06, PP19, SEMJ11, Var00, AB16, CTVB12, CJS16, DWS12, EET20, EMJ+13, EPB18, IPCA+16, KTTK17, KAEC+18, LMA+19, SDZ+20, SSI19, WPGN+18, WWZC19, dACNC16].

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

scanning [HYS04]. Scatter [FD12].
Scatter/Gather [FD12]. scattering
[LPB04, LSG18]. scenario
[CGCB+12, HND06, HZLH19, KNI+18, MFC+19, NNUV20, SGRT19].
senario-based [KNI+18]. scenario-driven
[MFC+19]. Scenarios [BNJ16, DFRG14, FAMA+17, FPP+18, GMLGB+17, PZA18, RCMT18, WLB11, ZAA+14]. scene
[ASY+18, SOR05, SHL+19a]. schedule
[SK12]. scheduler
[AJY15a, ASB18, BCB+07, CGFC03, CTR+17, GDPC19, JLD+19, KCS14, KPJ19, NNRA19, RD14, THN+06, EME18].
schedulers [BBI13, CCDS08, EL09].
schedules [vdLLE19]. Scheduling
[AHP16, AL18, ACK+15, ABN17, BDNP13, CJHH13, Fr14, GVA+16, KV12, KV17, LI18, LAH10, LC13, LSMV13, LRM1C94, PIP18b, RBJ+13, RSRV88, RB18, RMHM17, Ser98, SVK19, SD06, SIL+13, SK12, WHW16, Aba06a, Aba09, ABMES18, AOIS10, ANA16, ANE13, AHEM17, AMD08, ADAAD12, ALK15, AGKZ18, ABP16, AB17, AB18c, ABN19, AFG91, AFP+92, AMS91, AEM10, Bag16, BZMY10, BKS+18, BCC+17, BBB16, BT17, BBI13, CLR17, CVT19, CXZ+19, CGT07, CB1A15, CA13, CA15b, CCL07, CCL90, CM17, CK00, CXL+17, CLR18, CCL+20, CW1+18b, CCW+20b, CBK+17, CSL18, CGSJ18, CCCC14, DZ98, DRMC09, DQLW15, Dm10, DR18, DXL+18, DPL14, DCMW17, DSCJ18, DBS14, DNP14, EV96, EL98, ED04, EMM12, FK12, FD95, FN00, GRR05, GBS10, GJ15, GOBL16, GD10, GS15, GPS13, GD18]. scheduling
[GP09, GKT15, GCZ+19, GGS13, HCMJ19, HV92, HCL07, HHW11, HXL90, HLL+19, HZDL20, HPLL09, HBN+13, HZLH19, HML07, IT20, JH19, JCS01, JLI+13, JM01, JEB18, KR19, KA09, KS18a, KCK16, KSC+19, KLP19, KX11, KMK09, KB09a, KK10b, LT0T07, LHL09, LKG07, LCL11, LLC14a, LYQ06, LB09, LGY+16, LJGW18, LTL19, LZZ19, LZYC13, LG16b, LCMX16, LPV+16, LdPMCT19, LHY+19, MJM+16, MHC14, MLFS16, MSE19, MRN19, Nag16, NP06, NRR+15, NPP12, NP03, Nos98, ÖEE13, PNFJ13, Pa09, PBV+13, PK11, Pa04, PKF14, PW09, PT16, PAB+14, QCY+19, QPTGG+12, Qur19, RR019, RC13, RNJK09, RMHC15G15, SS13, SZ08, SC16, SDTA19, SK01, SDT18, SHL13, SJQ20, SWG+16, SZK16, Shi04, SOIS12, SH19, SGJ18, SV15, SG13, SAK+10, SG14, SC09, SK19, SDD+09, SSP17, SGL+19, TWDLZ19]. scheduling
[TZBK13, TDFZ18, TLLY06, TLL+11, TIZ+15, TKR+15, TPBS14, TdPF+17, TV16, TCCC11, VVB11, VVB13a, VPT+15, Ven09, VVB13b, VMN+18, WWX+17, WHZL10, WKC+13, WWC14, WWG15, WCC+16, WMQ+16, WCH+18, WSC+19, WZ+19, WL05, WHP09, WS10, WXZ11, WCC14, Wu16, WWT+16, WPJ16, WHCW19, XA10, ZX+19, XY15, XD+17, XZK+20, XHY+90, YPLZ17, YYW+19, YJLC20, YKK13, YIA17, YZ12, YSL19, ZCL+14, ZYB+18, ZGL+18, ZXL+18, ZZC19, ZQB+18, ZSS+19, ZSS17, Zhu18, ZT19].
schema [GTMI19, ZCQ+16, ZS10]. Scheme
[AMSPL19, HAA+20, JLX+19, LNA19, AMN18, AAC04, AAQ+19, APK+18, AM19a, AK18b, BDL+19, BBH18, BDM+19, BMK+14h, CG02, CHJ+04, CYH04, CGL08, CRR18, CJS19, CBPP18, DLLZ17, DA18, DC18a, FSY+19, FXG+19, FLT+19, FLL+19, FHZW18, GCT+20, GKB+20, GAT+20, GAI+18, HKA+18, HAAW18, HJA+19, HZL+19, HHW+19, HW04, HMW14, HLC16, HNOQ+18, HZW+16, JNHL18, JKAU19, JLQ+17, Kd020, KKB18, KHM13, Kol18, KLMB19, KLW+16, KLW+17, LTJK12, LBYL08, LK12, LWL+18a, LNK+18, LWK+18, LLW+19b, LH13b, LHC03, LHL03, LNY+18, LDZW19, LL16, LZY+16, MSZ+20, MCX+18, MG+16, MK04, NBO4, ODK+17, OSANAM19, PY00,
PWY03, PSL+04, PGCC+10, QGT+18, ROK19, SGGR+16, SLS+10, SGB+18, SGBK19, SCZ+14, SLH+19, TX14, TLL+19, Tor13, TYH04, VGD+19, WDF18, Wan18a, WHS+18, WLC+20, WDKV19, WZCH17, WZS+18, WLS+18, WHL+19, XLL+14, XTZ+19, XXX+19, YWJ+19, YYW+09, YPLLZ17, YT15, YD18. schemes [XVD18, ZKJ+14, ZCL+18, ZSZ18, ZH+18, ZZX18, ZZL+19, ZZT+19, YYZ+19, ZFC17, ZFC18, ZHF+18, ZCDV19, ZLY+19, ZaTZ+17]. Schemes [PRF20, YDNV16, AO06, BCCS20, BM10, CDDR17, CJXX19, CHS11, DGA18, HSP+13, LLKF09, NZL+15, OPO13, PSMO6, RA12, Shi04, SAR18b, VCD+18]. Scholarly [MGG+17]. School [HY03]. Schooling [Sch01]. schools [MR03b]. Schrödinger [BFLL99, IS03]. Schwarz [SMC18]. SCI [STTK03]. SCI-based [STTK03]. Science [AC10, ABMS05, Bis96, BDP11b, CB13, CF09, DGT09, FEB+19, GLD+19a, HT02, LSAM13, NSF87, NTN86, Ros94, TS99, ZBB09, AHP+18, ABM+07, ACCM19, ALFR16, ACC+19b, BOWD+19, BHD09, BLB03, Bun03, CAC+10, CRSDS10, CH04, CDB+19, Co086, CGJ+10, DRZ+19, DVJ+15, DX14, FGG03, GRZ+19, GRPL04, GDP+18, GDP20, GRCP+17, Hu89, JHL+06, Joh89, Joh02, KZS+19, KS19, Kol89, Lit03, MR03b, MM18, MCWP16, NJKF18, NLM+16, Rho89, Ros89, SAGL10, SPD+17, SJD+20, SBG+09, SVB+19, SL97, SG14, SSMG95, Tan02a, TBK+10, TBdL16, Wie03, Wil89, WAD+89, WCKW10, XLL18b, Zhu14, AC10, BH13, GSGP+19, GDZ+19, KA13]. Schools [AKM05, SR03, CBBC+17, GCBM17, GRL11, GPS+17, Han03, Hu89, LWHC07, TWC+06]. Scientific [AL18, AGMT17, CBBC+17, HY03, LPV+16, MBZL09, PN13, PS13, SG17, AW03, AKB+01, Ans11, ABN17, BBD01, Bea03, Ben99, BP10, CSW06, CTR+17, CZ14, CPA14, CdDS15, dCCF015, DQC+19, Dal03, DRS+97, Din09, DTL08, EHT10, FTK14, Fin99, GAB+14, GHZ94, GP09, GSR+19, GB99, HMM+18, HZP+14, HS+18, HLCL16, JNPY06, JCD+13, KKK+19, KPM+18, KC19b, KB09b, LKN+13, LGY+16, LLCF11, LPS19, LZYC13, MJDN15, MdO+17, MCT+09, DMO+15, MED16, MFL18, NF13, PNH99, PSG+06, PS19, PPL17, PAc+17, RL98, RKB18, RB18, SV16, SSO9, SJV12, SCBK+16, TDK+14, TdPF+17, VCB12, WLF+09, WSS+09, WWT+16, YMW13, YYL+10, ZSZ+15, ZLR+15, dSCD+19, dSFD+19, vdV89b. Scientists [BBD+13, PFS+13]. SciSpace [KKBK19]. sclerosis [WLZ+20]. scope [Par87, PP10]. scores [Bo19]. scoring [FJA+18, RS16, KKA18]. SCORM [SYT09]. SCORM-compliant [SYT09]. scrambling [KA11]. Scratch [FFGP19]. screening [WZL+19]. script [MBB10]. script-based [MBB10]. scripted [dlFVPSHL+14]. scripting [Bea03]. SDLBPR [ZS6J19]. SEMD [Mat89]. SDI [Poh87]. SDL [AA17]. SDM [WA17b]. SDMS [LLW+12b]. SDMS-O [LLW+12b]. SDN [ZFC18, ASA19, BLO+18, BO20, CWLZ19, GCT+20, KdGP+19, KBB+16, SME+19, SPT+18, VSKS19, XDH+17, ZWD+18, ZFC17, dSBN19, vdPGZ+16]. SDN-aware [KBB+16]. SDN-based [SME+19, dSBN19]. SE [BT93]. SE-TC2 [BT93]. SEAL [vdR86b]. Seal [CWUS19]. Seamless [SLS10, TDG+06, CPDJ13, DFG+00, LLF+18b]. Search [ANA16, CT19b, FPL+19, MCT+15, TL19, XRPT18, ABMES18, AMC19, Ba91a, BNFZ08, BS09, CZZ+18, CCZ+19, CWJ+18a, CC98, CZL+18b, DLH+17, Dzw97, ESW+17, EA17, FH13, FLR+16, HZL+19, JC08, KMT14, LWZ+19a, LAM07, MV5500, NS17a, NJB19, NSI84, PPZ12, PMBS14, RCMT18, RHMG14, RNJK09,
STA17a, SCBK+16, TM19, TW2+18, WXYL16, WCL+17a, WH19, WW13, XLZ+14, XTZ+19, YD18, YXD18, YQZ+19, ZZ90, ZL13, ZWZ19, vW19. Search-based [MCT+15, XRPT18, RCMT16]. search-optimizing [vW19]. searchable [CLC+19, CXWT19, DLZ16, DLLZ17, HQZH14, LLL+18, WXYL16]. searches [HQLH16, SA07, SF06]. Searching [CFG93, Sch03, LFH+15, RTS+16, SZC05, WHMO13]. Sec [SSRQ19]. Sec-LAP [AMKC19]. Second [Ste85, Bou05, WYN+90]. secrecy [BDNN02]. Secret [EHMS00, AIM+19, AGBR19, KK20, LEW19, SAR18b, ZZ15]. Section [CMA11, ChK11, CC11, CF09, GR09, GSM09, HKPT10, JS12, KT08, LXL09, LS10, NFK10, SGM11, WSB+15, XZ11, Aaa06b, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BN06, BLAV06, BB12, Bic05b, BR10, BRH18, CR5d+10, CGT10, DL06, DKD08, DDM+08, DT08, FA11a, FM10a, FM08, GA06, GMA07, GVTuL18, Ha05, HKM+06, HJC+10, Ig07, JO11, JL08, Kim07b, hKcF09, Lec12, MOK06, OM10, Ole07, PH07, PX07, RW13, Slc+14, SBdlL06, SBdL09, SPEW09, SD07, TKB+10, TBdL16, VlK09, XLZ18, ZBB09, ZSH12, Zhu07, Zhu10, ZAP05]. sector [HHW+19, Nag86a, GG10].

sector-based [HHW+19]. SecTrust [AGR19]. SecTrust-RPL [AGR19]. Secure [AD19, AMKC19, AEK+18, ABC00, BK16, CDDR17, Cfu10a, FFB20, HQH16, HY17, HYSH18, KKL09b, LLQ14, NLN19, LHL15, LLL18b, LLZ+18b, LHBC16, MLL+18a, MCAS19, Mer13, MAA+19, RH+16, RTS+16, SAR18b, SSF+09, SYW17, SPKG18, WXYL16, WZD19, WYS20, XSM15, YQZ+19, ZM+19, ABMM18, AGR19, APK+18, BCN+19, BDFP05, CPD+15, CFG+19, CZZ+18, CDL18, DJZ+15, DEL19, Dm03, FLT+19, FLL+19, FLPP05, FS18, GPA00, GCTLA+19,

GAI+18, GZL+18, GZQ+19, HAAWH+18, HZL+19, HLvL+97, HPP+18, HMA+18a, HLL+11, JFDF09, JSC+15, JCL+15, ECE+19, KZAI11, KKKM13, KPA17, KAK20, KFK19, KLW+17, LL04b, LTJK12, LJS17, LLLW13, LCHW14, LWK+18, LAL+15, LZCY13, LL16, LW+17, LZY+16, MLC+18a, MK17, MHY+18, NRV+17, NLS19, ODK+17, OSANAM19, PGCM+19, POJ+16, QGT+18, RPH19, Rao17, RSK16, RPA+18, RACA18, RHPV17, SRZD15, SGGCR+16, SB17b, Sin07, SBL18, SAVS19].

secure [TX14, TMB+19, TCN+14, TAS+18, VCDK18, VGD+19, WWW+16, WMX+17, WWDF18, WLGL19, Wan19, WLAC20, WDKV19, WZCH17, XZP+19, XYML19, YY11, YNY+14, ZZ15, ZWX+19, ZCDV19, ZDR07, ZSW+18b, CKK+04]. Secured [LC17, KBB+09, MVL+18a]. securely [ZZC18]. SecureSense [RHPV17].

Securing [CMNK19, KP12, MKS+19, PWA+19, PPSS06, YNN+20, CDMR19, Pol99, SSK+18]. Security [AWYJ16, ACL+18, AM10, BHE+19, CCRV13, CHS11, DZZ+15, FJKK17, HAJ+19, HLT+19, HHZ19, KK+14, LKCS18, LCL+19, LYC18, LSHW17, PX07, WZW+18, XDWL15, YSW+19, YAA+19, ZZF18, AMN18, AT20, ABTF16, AAJ17, AMMC18, AM19a, AGBR19, BFS+17a, BFS+17b, BBvdB11, BWR12, CDF+05, CFC+20, CKK+04, CRK16, CWW+99, CBT+19, CBPP18, CSC18, CDFW18, CMV18, CPP16, CLM00, DC18b, DZH18, DMG+08, DT16, DDR+07, ELAEV19, EZTL19, FTH16, GMLGB+17, GK+20, GD19, GMC03, GKT15, JGK18, GSN+18, HJC14, HCNT14, HPP+18, HIA+18b, KR19, KS18b, KSK+19, KTH+04, KKL09a, hKcF09, KBDL18, KKKM17, KKKM18, KCL18, LS07a, Lui00, LLW+12a, LNB14, LGY+16, LGL+17, LLWZ18, MZL+19, MRR+20, MGN+16, MPPP09, MSM+18b, MWL+18b, NV11,
security [SYJ+19a, SM03, SWY+18, 
SSL+19, SSZ13, SGS+18, SDK19, SSB13, 
TZA+18, TBR+19, TVV13, TMS+17, 
VPP+19, WXYL15, WSL+19, WZ18, WS10, 
YH18, YN18, YS16, YNY+14, YZN+15, 
Y20, YKÖ17, ZCYZ18, ZG18, Zin18, ZL12].  
security-aware [GHD19, HCJ14, WS10].  
security-by-design [VPP+19].  
security-enhanced [AMN18, KKKM17, KKKM18].  
Security-Oriented [YAA+19, WZWW18].  
segmentation [DH16, LSZ+16, SBCF16, 
TCCW19, WZF+19, WLZ+20, DMM+99].  
segmented [WBR19].  segments [TV08].  
SEIM [TL19].  seismic [AMB+92, KBG20].  
Selected [BGL08, DMW04, Ig07, TCG14, 
CC11, CCRIL18].  Selecting  
[CLC11, GBKJ18, WMC19].  
selecting-and-pairing [WMC19].  
Selection  
[DLH+17, HCK20a, HCK20b, ABMMC18, 
AKP+18, AFSH+18, AFST+19, AT18b, 
ArMS19, ATTT96, AWN+13, CZY+19, CC07, 
CMI+19, DPK+19, Dua94, DMN+05, ET08, 
FTK+14, FCY18, FJJ+18, FZC+20, FA11b, 
GHH+18, GSXS20, GDEB20, GB10, 
GAA19, HWZL08, KBW19, KA08, KH97, 
KKL06, KGT15, KIC12, KP18, LLWW18, 
LD17, LDLJ19, LWS+12, LWX13, MCI19, 
MHZK18, MYK16, MVCC10, PNZ14, 
RCMi7, ROK19, RGC+10, SRKS18, 
Smez+16, SLD+19, SDH+19, TDLC17, 
TZA+19, TMP15, TAKV12, WCHL10, 
WHS+17, WLA18a, WLQ10, XYLZ18, 
XLW+17, XWL+18, YPJ19].  Selective  
[LYN+18, HSS00, LM12, LHCC18, LHY+19].  
Self [AFB+10, CRM+16, CWM+20, DMZ12, 
DD05, FSM88, GZL+18, KK16, Lea13, 
LG16a, LHM14, MG10, NAD+18, PYH17, 
SEP19, TBB+17, WXZ+18b, dSgD13, 
AEME+18, BMH10, CLNR18, CCT13, 
CFMC19, DDD18, DRNC09, EKSD19, 
EKGS14, FS07, GL04b, GDR+14, GNGG17, 
KK14, KMN+05, LH13b, LWH+18, LW18b, 
LHPC+19, MPR+16, NJHT11, RP18, 
dRR+18, dRdQGR+18, RWZ+19, 
SYT+19, SJL+18, TJJ+15, TCC11, 
VRGR16, Vin16, XHY+90, YP12, ZFB19, 
PIKM02].  self-* [Vin16].  self-adaptation  
[CLNR18].  self-adapting [EKS19].  
Self-adaptive [CWM+20, LHM14, SEP19, 
WXZ+18b, AEME+18, CFMC19, DDD18, 
EKGS14, KK14, LW18b, RWZ+19, 
TJJ+15, ZFB20].  Self-adjusting [Lea13].  
self-certified [LH13b].  self-deployment  
[LWH+18].  Self-evolving [NAD+18].  
self-gravitating [KMN+05].  Self-healing  
[AFB+10, GZL+18, dSgD13].  
Self-managed  
[CRM+16, LHPC+19, NJHT11].  
Self-managing [TBB+17].  self-modifying  
[GL04b].  self-organized [RP18].  
Self-organizing  
[DD05, FSM88, FS07, MPR+16, dRR+18, 
dRdQGR+18, SJL+18, VRGR16].  
self-paced [SYT+19].  Self-provisioned  
[MG10].  self-reconfigurable [YP12].  
Self-regulating [PYH17].  self-repair  
[GDR+14].  Self-scalable [KK16].  
self-scheduling [DRNC09, XHY+90].  
Self-similarity [DMZ12].  self-sizing  
[GDR+14].  self-stabilization [CCT13].  
self-structured [BMH10].  Self-Timed  
[PIKM02].  self-tuning [TCC11].  
Self-Understanding [LG16a].  selfish  
[QL+17].  self-evolving [CCT11].  
selling [SSHC19].  SemantEco [PSW14].  
Semantic  
[AR14, BPC+14, DW+19, HCOH17, 
HQ10, KARP14, LWZ+20, MRS+18a, 
PBC+11, RVST17, Su10, WZL18, ZL04a, 
AD18, ABTF16, AHF19, ACM19, 
AGA16, AGA18, ACC+16, BDH14, BX04, 
CP94, DLZ+14, DT16, DPS16, 
DMM11, FLR+16, FC09, GACM17, HK88, 
MM17, MS10, MS18, MS19]. Semantic  
[AR14, BPC+14, DW+19, HCOH17, 
HQ10, KARP14, LWZ+20, MRS+18a, 
PBC+11, RVST17, Su10, WZL18, ZL04a, 
AD18, ABTF16, AHF19, ACM19, 
AGA16, AGA18, ACC+16, BDH14, BX04, 
CP94, DLZ+14, DT16, DPS16, 
DMM11, FLR+16, FC09, GACM17, HK88,
Hal88, HSB+18, JC08, LA19, LXL+17, LZ20, LvW14, MPCAF15, NAM+19, ODC19, PTT12, QC20, QGT+18, SBCF16, SHBP10, SCN+14, SSZ+17, TOD17, UZ11, VGBLGS+06, VPT+10, WLLF16, XKK20, XCGD10, XLZ+14, XWL+15, YCZJ18, ZS10, BDF+16, CAS+16, LWHC07, LvSW+04, LKA+19, WC06b, WFQ+10, Zhu07, Zhu10.

Semantic-aware [BPC+14, LWZ+20].
Semantic-based [ARP14, KARP14, PBC+11, ACM19, LA19].
Semantic-supported [HB08].
semantically [AAF18, BCMA07, Li10, PSW+14, RGVGGSSZ14].
semantically-enhanced [RGVGGSSZ14].

Semantics [JD94, SPDsr+17, XB14, Zl04, ZS16, Ber00, BL92, CP300, DFL017, Hal88, HJP92, LLG+16, POMK20, RTHB17, SOA17, TCCW19].
semantics-based [TCCW19].
Semi [ABDO18, AAF18, ArMS19, AC01, BDHK06, DBS14, HLL12, JC09, NB04, WHCZ18, YWV+17].
semi-automated [AAF18].
semi-automtic [AC01].
semi-autonomous [DBS14].
semi-discrete [NB04].
semi-Markov [BDHK06].

Semi-online [ABDO18].
semi-random [ArMS19].
semi-structured [JC09].
semi-supervised [HLL12, YWV+17].
semi-tensor [WHCZ18].
semiconductor [FHC95b, SFGS01].
semistructured [GZS14].
SemiPI [DP16].
SemreX [JC08].
send [Gor02].
semble [WWP19].

SenseChain [KOM+20].
sensed [Mat18, XAW+10].
Sensing [AT18b, SST18, AMW09, AMPZ16, CCD+19, CCC19, DP19, DCC+14, FCD+14, GHEB+18, GWZ18, LWI+18, LLGY18, LZY+16, MWZ+15, MAD+16, MAPA19, RYH+19, SOM+19, VNAMM19, WWCN13, WMY+18, XLZ18, YMW+18, ZDL+19, KS11].
sensitive [CW13a, DK17, JOSD19, LCL14, QZD+18, QCX18, VSKS19, WYL+18, ZSQ+19].
sensitivities [MHZK18].

Sensor [SYJ+19b, AS18b, AZO+19, FPPD14, KBG20, RRS10, RM19, SMS16, TKA18b, WYJ+18, ARSMY19, ASO14, APK+18, ACHP19, AIB+18, BLAN+16, CZY+18, CJ14, DJP18, FG18, FJJ+18, FP14, GRT10, GAT+20, GBKJ18, GLXF17, GZL+18, HKA+18, HAAWH+18, HST+18, HDH+18, HZZ+18, IASK14, KWK+18, KS11, KIY+16, LZY+19a, LC17, LBYL08, LQ1S14, LCZ12, LZX12, LWX13, LZA+20, Lok12, LHBC16, LFY+19, LZY+16, PC17, PPS+18, RA+19, RWZ+19, SJ14, SCY+18, SMS14b, SYCH18, THA+17, TSD18, TYWZ18, TCCW19, WCB+18, WWG19a, WLCAC20, WLS+18, XKJ+18, YHL+19, ZWS+12, ZBL+14, ZZLH18, dFPFG19, RVST17].

Sensor-based [RM19].
senor-cloudlets [Lok12].
sensorized [TCB+17].
sensors [BDE17, BSE+13, CMFC19, GRX19, HUMA18, KUM19, LRBW17, Mat18, OMPSP+19, SPD+19].
sensory [KLMB19].
sentence [MZP+19, Nt86, SGL+20].
sentence-level [SGL+20].

Sentiment

AAVL19, MWQ+19, ZWWL18, CC19, DMPS19, GGM1S18, MZP+19, ZZLZ18].
sentiment-based [GGMS18].
separation [FdSC07, LZZ19b].
September [Ano84k, Ano19].
seq2seq [WLZ+19].

Sequence

[LL17a, BOR07, CS05, DMR93, DCS+07, KKvdB+17, NGB18, VR12, WSL+19, YD05].

sequence-based [NGB18].
sequences [Leo01, LJW+19a, ML19, MP02, TKT+08].

Sequential

[CKF06, CGL15, DPL14, FZT+18, JBA94, KMC18, LYMZ09, LBU+10, MWYC12, TNY17, WHCZ18, YGY+19].

SEQUIN

[BCPS03].
SERAC3 [LLZ+18a].
serial [RS94, SFGS01].
Series

[Ano86i, Che14, GKiZ05, HHS+18, LFWV05, MZH+17, MFT+17, NA19, ZWL20].
senior
ServBGP [IGB+14]. Server
[FCR11, LYL15, BK19, BGR+99, CWD04, CGL08, CWSW14, Cho04, EDD+10, FHZW18, GW01, HAC92, HJCD05, KK20, KLW+17, Lee04, Len16, LXD17, LLW18, LH13b, LHL03, LWW+18, MC20, MP17, MD12, OWX19, PA01b, RT15, XDLH12, ZZBZ19, ZFC17, ZFC18, BSRR18].

Server-aided [LYL15]. Serverless
[PMCC18, EET20, GAMC19, KSS19, SWCP03]. servers
[BR18, CLH10, DZZ+15, JJJH19, JOPW14, JZWL17, KAEC+18, LPE08, SMA08, WWC+97, ZWW+13, ZTQ+20, vKLA+19].

Service [ANE13, AJY15b, ACC+19c, BZS18, Cha14a, CBS17, FNM+17, HSBE19, HB19, HCK20a, HCK20b, JY15, JGB19, KK19, KTA17, LJJ17b, LNLA19, LZZ19, LWY+16, MJRM16, MZZ20, OF07, OVK+09, PRS12, SCL18, SST18, SMG18, SS17, SZK18, SZW+19, TSBH11, VDTK12, YG18, ZWJ+19a, Ad14, AAB+10, AABJ18, AFSSH+18, AFSSH+19, ABAJ20, AWN+13, AK14, AB18b, ADF+05, Ano12r, AN08, AM19b, AAR+20, BBC+17, BAA+19, BS17, BJA+05, BML18, BSCC06, BBT19, BSO1+20, BCD12, BYH+20, BPC+01, BGK+05, CMZ+12, CPD13, CCT13, CMB17, CCIP18, CPE+17, CMG+19, CKFJ06, Cha14b, CSL17, CSL19, CGST09, CRWZ19, DCS+07, DLW07, DVD12, DWZ20, Din03, DDR+07, DM12, EK11, EAE18, EG18, FLR+16, FD12, FPT14, FWB13a, FWB13b, FA11b, GMMM18, GMY+18, GVURI14, GJGB19, GA13, GJJP18, GPK05, GSKS20, GMEL08].

Service-aware [SMG18]. Service-based [OVK+09, BBT19, GAJP18, HJS+99, LMH+09, TBNF09].

Service-Oriented [BZS18, SCL18, AB18b, BAA+19, CPD13, CGST09, EAED18, EG18, GVURI14, Hua05, HL+18, LsSW+04, LX13, MHA08, MRS+18a, NK15, ÖE13, SSJ19, SAC11, TAKV12, GMEL08].

Services [AFP07, ABP18, AM17, BMFC07, CFP+19, DA18, HM19, HX+17, LKA+19, PZ16, YAP16, ABMC18, APBD17, AT11, AHP16, ARB12, AMM+19b, AEM10, BKS+14, BBW08, BAV16, BCN+19, BZ19, Bel16, CSV+12, CD07, CPD+15, CMNK19, Che13a, CAC+15, CWM+20, CYW+19, CDB+19, CGL15, CT107, CMM0, DQC+19, DDPMG17, DX14, EAS+18, EYY19, EBCP18, FHYH15.
FTD17, FFPS10, FLPP05, GPA00, GVB13, GMC03, GvdBal15, GAYTC18, GAI+18, GGH+03, HZC10, HMLO7, IFD+19, JRF+07, JC09, KJ+19, KADJ14, KH18a, KK16, KF00, Kyr19, LLM13, LSJ17, LKJ+19, LG08, LPY+18, LMA+19, MCT+15, MFP05, MTMV5, MVG+14, MS01, MC04, MHA09, MMPM09, MM18, MMLO18, NV11, NZL+15, OD+17, OB17, Opp00, PVN+12, PK99, PH99, PLW+19, Po98, Po99, PZY17, PPSS06, PK1+18, PFS+13, PEG05, PBB+05, QCD16, QP08. services [RZ16, RBN13, RHH+19, RW18, RGVGSSZ14, RG04, SRZD15, SPMC12, SBK+16, SB19c, SSK+19, STB+19, SCN+14, SLJ+06, SZGiC04, SCG+18, TDLT20, TS08, TGM11, VAR14, VGBLGS+06, VMSRM12, VSP+14, VPT+10, WRC17, WDKV19, WG13, WCC+09, WYH+17, WHYZ18, XB14, YMLT13, YA014, YCX05, YK017, ZCW11, ZCLW18, ZLT+19, ZWQ+19, ZJWZ04, ZaTZ+17, dSGD19, dACNC16, AKMK05, ABS11, RVST17, CJS19]. serving [CZM+18]. Session [Ano86h, LZYC13, KMC18, sDBN19, OV+089]. Set [WH19, Zna94, CSdCM+17, CGH04, DL04, HXWW18, LO19, LYY+20b, NK18, OB19, RNJK09, Xia06, YLG+16]. set-splitting [CGH04]. Set-Union [WH19, HXWW18, OB19]. set-up [RNJK09, Xia06]. Sets [BRH18, ABMMC18, ABM19, BCW01, CPE+17, DB09, ECPF17b, EA17, HAB+06, LGH97, Sin07, WTG+14, XY05, YAO14, ZLD+03, vdR87f]. setting [WM07]. settings [FFL+19]. setup [MD12]. severity [ATX13]. SFaaS [KCCl18]. SFC [CW+19, LN18]. SFC-based [CW+19, LN18]. SGurev [vdR87c]. SGX [CDMR19]. SHA [LC17]. SHA-3 [LC17]. Shack [MAPA19]. shades [CPMG19]. shadow [LYFZ20]. shadows [DS04a, Sch98]. SHAMC [WYS20]. shape [BBL+05, LKG08, XJZ+19]. share [DSS19, NP06, TBO20]. Shared [KGX95, PBMB95, BK97, BOP+14, BBSV92, Ber98, BBC+12, CR92, CYH04, CCLS09, Cui10b, DFC+08, DPS16, FP03, GMP+16, GB99, HH98, HHS98, KMB16, LTN10, LWSC07, LBU+10, OB04, PADD03, PY00, PH94, RCOP+11, RCD03, SF06, TC06, TYH04, WYJ99, Wu16, YIA17, YD19]. shared-image [FP03]. shared-memory [BK97, CR92, SF06]. shared-nothing [KMB16]. shares [AIM+19]. Sharing [DL00, QWCW19, AM19b, BBM+03, BJM+17, BDC19, CD16, CTT+08a, CWD04, CFC+19, CSS+10, CLC+19, DZ04, DGS09, ELAEAVAM19, ELY+96, Erd13, FSM+18b, GGC17, GCTLA+19, G110, GLB+18, HLYW17, HMA+18a, HYF18, Kad20, KS11, KK20, KMB19, Lea13, LJLW13, LLZ+19, LAL+15, LH15, LWYS18, LLL+18, LEW19, LL16, LWZ+19b, MM08, MM18, MML018, PIP18a, Ra017, RBC+15, SHBP10, SAGL10, SBG18, SAR18b, SBSS13, TDK+14, TCN+14, TCH19, VGD+19, Wan19, WDZ19, WZ18, XCS+18, YLN15, YZW+14, YZZC19, ZGL19, ZZ15]. Shedding [SHB89]. sheet [FZT+18]. shelf [RV95, SMM+14]. shell [KTY03, Tab06]. Shells [TA96]. Sheltering [DR15]. ship [BRL19, Suy89]. ships [SM+19]. SHM [SCL18]. shock [Nki89]. shockable [AFO+18]. shocks [MD16]. shop [ABMES18, BZMY10, DDF92, ED04, RNJK09]. shop-floor [DVF92]. Short [KLS19, CLQ50, DW20, JLS19, LCY+19b, ZHW19, ZNC+19]. Short-term [KLS19, CLQ50, DW20, JLS19, LCY+19b]. Shortest [TT+14, Luk89]. Shortest-linkage-based [TT+14]. Should [Poh87]. Showstopper [PBC+17, PBC+16]. shrinkage [LSL19]. shrinking [UM02]. shuffle [WWQ+18]. shuffled [LCW+18]. shutdown [WWZC19]. shuttles [BRS04]. Sickness [SHH+19, GGH+19]. Side
[YN18, HSS00, RPP+20, SM10, SH19].
Side-channel [YN18]. side-effects [HSS00].
Sidera [EDD+10]. sieves [SBCF16]. Sigma [vdR87], ANN+92. SIGMCC [CTT+08a].
sign [HLZ+19, HYC+18, LLWZ18, XJZ+19, YLH+19]. sign-on [LLWZ18]. signal
[AKM18, BLL+19, BÖ20, CLZ18, CMI+19, GCCL18, Ima19, Kim18, LJW+19a,
OMSPL20, PSi19, WZY+19, WPS+18, XKBA18, YSHW18]. signaling
[HSBE19, SJTG07]. signals [AHD+19, AIA+18a, AIA+18b, Fuk85, LQF19,
NUPA19, RHN+19, WZY+19, Wan20].
Signature [XZZ+18, Ale97, CYH04, CJS19, HWW04, LTMW19, QCX18, SCZ+14, TX14,
TYH04, YN18, ZLL+19, ZTZX+17]. signature-based [LTMW19]. signatures
[AMMI16, Che13b, MHds19, Tso19, WWW+16]. Signcryption
[Rao17, LK12, LHL15]. signed
[LQNW20, MAQ+20, YLH+19].
significance [DFG+00], significant [PS19].
 signing [HWW04]. silicon
[MHP00, YLJ+17]. SIMBEX [GL04a].
SMD [BL92, CEJK94, ZHHQ18].
similarities [CRYG18]. Similarity
[TGJ+20, TIHT14, WDW+19, BNFZ08,
CCZ+19, CSL19, DMZ12, GVI13, GAI13,
KMC18, LXL+17, LLF+18a, LLW18,
NS18, RAJK18, SCBB+16, XXX+19,
ZFH+18]. similarity-aware [ZFH+18].
Similarity-based [TGJ+20, TIHT14].
Simple
[SWCL95, Sch01, ABF+03, HHSW92,
TL05, VP94, WMC19, dSFD+19]. Simpler
[BB04]. Simplified [KVHT10, SU+98].
simplify [HLSO06]. Simplifying [DDB11].
simulate [SGL99]. Simulated
[VScD95, AJY12, Cha11, JXZ+19].
Simulating
[BL15, DS04b, DIK+06, JLMR00, DS99,
FPGK18, KZC04, MSS+16, Mor01].
Simulation
[AB16, BAP+05, CFPC17, HW95, LSS94, VMRM08, RSV90, TC06,
Wor99, Wri19, AJZ+02, AGJN00, Ano96b,
BPD11a, BMPS01, Ban02b, Ban05,
BGC+19a, BJNH05, BKB18a, BGMLS17,
BKK02, BDL06, BPS+03, BVDLF00, Bru01,
CYLT05, CPGr+13, CPBC16, CGT07,
CFP+19, CBCA15, CTT+08b, CWW+13,
CTMO06, DCC+14, Eng14, FJT01,
FDR17, FW02, FN00, FCW01, GL04a,
GBe00, Gra01, GCK98, HDO+94, HCB16,
HX19, HQ07, HKG+16, IPG+18, IOO04,
JH16, JL03, KNI+18, KMB+17, KVK+18,
Kni89, KKP19, KGVW14, KMN+05, LR01,
LF01, Len01, LB09, LcPMCT19, MGT18,
Mid01, MSX00, MND+19, Mm04, NJW+06,
NCS04, PO00, Par06, PPJ95, PSS01,
RdSH+00, RLR13, RN01, RV95, RS99,
RGH+01, SGFS01, Sch85, SNW01, SBS98,
She00, Sin92, SKT02, SU+98, SLW01,
SWL+20, SdSP04, TKA+18a, Tur18].
simulation
[UTTO19, VL19, VN01, WHC19, YCAS03,
ZMS+06, ZYT15, ZMN19, vOB95].
Simulation-based [VMRM08, JH16].
Simulations [FBS18, NS10, SdR99, ABL04,
AKH+04, BSE+13, BRM04, BMP+16,
CTF+99, FQBC15, GDP+18, HRJ+04,
JNPY06, KKH01, LPS94, NEJP94, PF01,
PBB+05, RN04, SM05, SCK+00, SSLF+10,
TKA+18a, WVVC94, VSV95, WKZ+03,
DSK+19, Kol89]. Simulator
[HKT+19, BCS99, LJY04, LLAH13, SM01a,
WWSM98, YA02]. Simultaneous
[BTG19, Bag11, MFSV19, TZZ13].
simultaneously [CLH10, MZP+19]. Sina
[MNC+18, WRCC17, WNR19]. Sinclair
[Sin84]. Single
[KN10, LY18a, SSG19, AFF+09, BJ+20,
CJXX19, DL00, GD10, JBP+18, LLW18,
MGLV04, SCLC19, SF06, SYCH18, dTK92].
Single- [SSG19]. single-chip [SF06].
single-class [GD10]. single-generation
[CJXX19]. Single-pass [LY18a].
single-sensor [SYCH18]. single-stage
[SCLC19]. singlel [Tul04]. Singular [BH03].
sink [CCC19, QZM+18, WCL+17b, SO98]. Sinkhole [JL14]. sinks [FG18, PC17]. sinks-based [FG18]. site [SA14, TCN+16]. siteDriverID [SGGCR+16]. sites [CYJ19, GCV+14, KSK+11]. sitting [TMB+19]. Situated [BMS05, ZBF14]. Situation [Hal88, NSHP88, WBT+08, YYS+19]. situational [AL14, RR18, ZRZR19]. situations [BDM+19, BKB18b, RGS18]. Sixth [Ano84e]. size [BVDF00, HV92, JLL17, Tor94, Van92, YKK13]. sized [BAK19, SCCS11]. sizing [Ger+14, SLD+15]. SKaMPI [Reu03b]. skeletal [BG05, KZMJ16]. Sketching [CEP19a]. skew [LZW+18]. skewness [TM20]. skills [CFM19, SR19]. sky [DRZ+19, DGD+16]. SkyDrive [QC13]. skyline [LLM+16]. SLA [AB16, BAA+19, BS11, BCPS03, CMZ+12, DM09, ENC+12, GEG14, HY90, JTB15, KKB14, MG14, MG16, MEBA12, NJH+18, NH1+19, PVGD+19, SBK+16, SSL12, SSRQ19, TMS+17, ZAC+18]. SLA-aware [BAA+19]. SLA-based [AB16, CMZ+12, KKB14]. SLA-constrained [HY09]. SLA-driven [GEG14]. Slack [HLL+17]. SLAs [GJF+12, HHS+18]. slave [HCL07, HYG+19]. Sleep [DDD+19, AKM18, BJM+17, CFM19, HJA+19, KLP19, KCH+13]. slicing [CVD+18, DBP19]. Sliding [YL16, AQB15, uRBBC20]. slotted [ZWJ+19a]. SM [ATA19]. small [LAM07, PM14, SSZC19, TDC+14, Van92, WYG+19]. small-world [LAM07, PM14]. Smart [APR16, AFSH+19, AT18b, ACD+19, BA17, BCBN18, CMNK19, CCW+20, CAB+18, CDH+19, DP17, DP19, DLM+19, HVC+18, HSS17, KPA17, LLZ+18a, LNL19, Mar90, MPI+18, PMDS18, PC18b, RMP17, RPA+18, SAGGB17, SDDG17, Sta17b, SJSA19, TF17, TGB+20, VPA+18, WLA17b, WLA18b, WYS+19, XJJ+19, ZYW+18, AMN18, ABM18, ABC+18, AJR+19, AR18, AK19, AFSH+18, AT19a, ATA19, AQQ+19, AHdF97, Ale97, AYF19, APC+20, AC18, BAJ+19, BBC+17, Bae14, BLO+18, BCN+19, BGV79, BW19, BV19, CV19, CBC+19, CHS11, CLH+18, CFI+19, CFD+20, CYW+19, CBPP+18, CkLC06, CS19, CC19, CZL+18b, DFRW17, DQ97, DMPG17, DGR+19, DF97, EAED18, FG18, FT17, FMM+20, FSM+18b, GAI18, Ham19, HC17, HH+19, HCHZ17, HMA+18a, HMA18b, HX19, JBC16, KGS+19, KLJS19, KAS+18, KFK19, KGO+20, KS18d, LRJG19, LN18+19, LKH18, LML+19]. smart [LN19+19, LSV+18, LCY19a, LCY+19b, LLW+18b, MCN+18, MLC+18a, MK17, MVL+18a, Mat18, NADG18, NWG17, NWL17, OCW14, Oman19, PC17, PRL+19, PPS+18, QG20, QCZ19, RGN+18. RPP+20, RSL18, RAR18P19, SRdPG19, SB19c, SP18b, SAG19, SAVS19, TGM+19a, TOD17, TZW+18, TLL+19, TWZ18, TCB+17, UGBM+17, WDJC18, WHBC19, WGC19, YXLZ18, XLL+18a, YJS18, YWW+20, YSHM19, ZZY+19, ZTC20, ZXD+19, ZXD+20, dSK+19, AR18, AL14, CGSV17, FAMA+17, GXL+12, GMLGB+17, HHS17, hKRM17, KADJ14, LSL+15, TAS+18, UPP17]. Smart-cities [AT18b]. Smart-Cities [Sta17b]. Smart-grid [AT18b]. smart-spaces [AT19a]. smarter [APBD17, FRM+18]. smartification [BZ19]. smartphone [AB19b, HUM18, VOOH17, OMD+18]. smartphones [WWJ17, YGD+14]. SmartSantander [DDMPG17]. SMiLE [STTK03]. Smith [vdR87e]. smooth [LSW+19, ZY04]. Smoothing [DV13]. SMP [BSG+05, BVM10, CRE01, MTKS00]. SMS [CYZK15, PCK19, RSB20]. SMT [PAB+14]. SMT-based [PAB+14]. SN [RMDB18]. SN1000 [CSZ95]. snake
[RDSA18]. SNIP [FMD99]. snoop
[Yam92]. snoop-cached [Yam92]. snooping
[DSW98]. Snort [SI18]. SNR [RJN+19].
SNUSE [DEL19]. SOA [BDP11b]. SOAs
[KB09b]. SoC [DQC+19]. QZM+18.
SoC-based [DQC+19]. Social
[AC16, AMP19, BCJT13, DMPS19, DCF19,
EGVT18, HPP19, KZA+18, LSAM13, NJ18,
NJ19, PLLP19, PYM18, RQN+19, SP18a,
SRP19, WZWW18, ZCY18, ZG18, ZSGJ19,
AUSA19, APK+18, AQRH+18, AQR+18,
AT19a, ABG18, ACM+18, AMPS19,
ATM+19, ACD+19, BCQ+19, BTP19,
BPLFLR20, CWJ16, CGM+18, CHY+18,
DFLO17, DGS09, DYC+18, FPL+19, GJ18,
GBY16, GTSAR+14, GWC+16, GGC18,
GSN18, GGSMS18, HA19, HCC+14,
HAM18, HMC19, HYF18, JLQ+17, JXC+19,
JW14, JLD+19, KSS19, KAS+18, LRE+14,
LCW+18, LZF+18, LLW+19c, LLG+16,
LWL+18, LXY19, LLAW17, LJV+19b,
MML+18, MYH18, MNC+18, MVG18,
MBl+19, MLW+18b, MSM+18b, MCG+15,
NBB18, NCOJ+19, NJ17, NLM+16, NO19,
ODC19, PBL+18, PPS18, PBA18, QG18X,
RJV+18, SOD18, SB19c, SGL+20,
SCZ+19, SA19, SB18, SJS+18, SGBK19,
T19, VMCM+20, VWJ17, WCRC17,
WJLW18, WDD18, WSN18, WCY+20].
social
[WMA+19, WMA18, WLA18b, XCS+18,
XXX+19, XLL20, XWjZyF19, YMLT13,
YZL+18, YZXG18b, YCXW18, YY1+17,
Y18, YLA18, YLI+19, ZSJ19, ZL+20,
ZLI17a, ZZH+18, ZNC+18, ZCL+19, ZC14,
ZZL18, ZSS+19, ZCQV19, ZWJ19b,
AMQ+19, GCCPBG10, HZW+18,
HAT19, IJCR19, JBM+18, LKCS18,
MWQ+19, RC18, RC19, SYJAI19, SSW+19].
Social-aware [DCF19, JLQ+17].
social-based [JXC+19]. social-IoT
[AT19a]. Socially [LAQ+19].
Socially-aware [LAQ+19]. society
[APRC16, Ano87c, LLS+14, Mar98b,
Mar98a, Mar99b, PKF14, Zhu14, Zhu14].
Socio [ABD+19, HMC19, KKS18b, CC19].
Socio-cyber [ABD+19]. socio-economic
[CC19]. socio-inspired [KKS18b].
Socio-spatial [HMC19]. SocioScope
[NJ18, AAR+20]. Soft [EA17, Hab05, TA19,
BBB16, DS04a, GKW+12]. Soft-biometrics
[TA19]. Soft-computing [Hab05].
Software
[AO06, BHH91, Cas94, CWL+19, CS19,
DO15, GRC+17, GTSP+19, JAAD+16,
KB18, KKVdB+17, Kow84, Kow85, Mal91,
Mat89, MKRD19, NAGD18, Sch94, SK97,
SMG18, TDSH16, TDI95, TSTD16, WRK+15,
AAB+92, ACHP19, AMB03, Ano87b, Be03,
BBL+05, BHH92, BKL01, CMZ+12, CY12,
CWM+20, CKJ+18, CKP+19, CDP19,
CDMR19, CGS+95, Cur92, De 99, GZLZ16,
GVGB17, GJS+94, GKY18, GCK08,
GXL+18, HA16, HA18, HZC+08, HL+97,
HYG+19, Hum92, IMSV90, Jon00, KHG+18,
Kol18, KK16, Lee12, LBM18, LPG+19,
LWSC07, LLW+19c, LDS06, LLS+14,
LRC+18, MB01, PLL+18, PSLZ18, Poh87,
QCY+19, RMA+20, RA12, SF19, STTK03,
SMS14a, SLZ95, Tak05, TBK06, VSDD13,
WH+17, WZWC18, YLQ+17, YZJ+20,
ZGL19, ZWJ+19a, ZLZ13, ZBCT17, ZSS18,
ZMN99, dSK+19, BRH18, EMJ+13,
IDK19, RGLS18, RA12].
Software-as-a-Service [EMU+13, RA12].
Software-Defined [CW1+19, SMG18,
GTSP+19, ACHP19, CJK+18, CKP+19,
GKY18, GXL+19, HYG+19, QCY+19,
YZJ+20, ZGL19, ZWJ+19a, ZBCT17].
Software-Intensive [DO15]. soil
[LNM04, ST98]. soils [SDST18]. solar
[SZC05, TTC+14, GCCPBG10]. solid
[GNQY01, PLZX19, WZK+03, MPCAF15].
solid-state [PLZX19]. solubility
[HHM+19]. solution [ATH+19, BS17,
CGH04, DSS19, DMM+18, FMM+20,
GHY+18, HCL+17, HXY+13, IDK19, KA09,
KNI+18, LZX16, MGV+18, PIP18a,
solutioning [MYN+19]. solutions [AR17, ACL+18, AAC+19, BCP18, CS4CM+17, CCR118, EGL+18, KS18b, LKA+19, OdI14, OMPSP+19, PAL+19, PYM18, PDH18, PWA+19, QCD16, ZEO98, ZEO01, dCRL+19, dCTVC18]. solvability [Ned06]. solve [Del06, ED04, SSG17, ZZC18]. solver [BG05, ID98, MH94, SGFS01, SSC04, vM94, JG00]. solvers [BJNH05, BMZ01, FFL94, KKS08, ZAP05, tTvH96]. some [Luk89, MDD89, Pal16, DS99, DR03, WH05, ZS05b, ZAP05, tTvH96]. Some [Luk89, MDD89, Pal16, DS99, DR03, KAW12, Man15, Mid01, SZR18, Kat04]. SOME-Bus [Kat04]. Sons [Abo87c]. Sophia [Zna94]. Sophia-Antipolis [Zna94]. Sort [MAÇ+17, ZZS+19, GK18]. sorting [CG02, CKFJ06, Kat04, LQK+16]. SOS [AMPP19]. sound [DH16, RJN+19]. soundness [KYZ19]. sounds [WLZ+14]. Source [QC18, TKA18b, ASAAM+19, BP01, GBKJ18, HZW+18, HHW+19, KTTK17, MQN19, NB04, OMPSP+18, PBT02, PWA+19, PK+10, VCHC17]. source-code [BP01]. sources [CCJ16, DML20, GHW+20, ZMP10]. South [HPP+18]. Sowa [vR87g]. SP [LYFZ20, LZW+18]. SP-MIOV [LYFZ20]. SP-Partitioner [LZW+18]. Space [WZL18, AII92, BOR07, BW97, DZ04, DF+08, DL00, DBD+14, Fuc93, GQLX18, JHC10, JL95, KI19, Laut92, LGZY18, MSM+18b, NH02, NHG03, SW05, SCK+00, SGH+08, SSMG95, TMV+07, VLC03, WGW+20, YPHZ14, ZZ15, ZYX10, dLJLA93]. space-filling [SW05]. space-shared [DFC+08]. space-sharing [DZ04]. space-time [WG+20]. spacecraft [AFPG91, AFP+92, CSC+92]. Spaces [DP17, AT19a, BMS05, BR18, LLS+14, SNC18, SAG19]. Spam [EAA16, RSB20, CYZK15, CWZ+17, SB18, YPX+20]. SPAMINE [AVP17]. spammer [MK19a]. spammers [AM19b]. Spanish [SGGCR+16]. spanning [CFL+18, Luk89]. SPARC [AG92]. spare [SGbKS19]. spark [GLVC18, LZW+18, SJ18, SJ19, CSG+18, HSV+17, LWR+19, TZL18, WGW+20, ZHW19]. Spark-on-Yarn [ZHW19]. sparse [BJNH05, BMZ01, FFL+19, HBCR01, IST04, LLSL18, NHT06, SKT+08, SGFS01, SG04, WLZ+20, XJY+18, YJY+18, ZWL+16, dSL98]. sparse-matrix-vector [HBCR01]. Sparsity [YSZW18, HDO+16, MQL+19, YZWG18]. sparsity-aware [MQL+19]. Spatial [ATM+19, CMNK19, GRL11, AT19, Ban05, CGN18, CAL+18, Coo90, FX07, GFD14, HMC19, LZW+19, LLS+19, LZZ19b, MTD18, NWD+18, NZL+15, SSZ+17, YXZG18b, YDT19, ZS14, ZLT+19, dIFVPSHL+14]. spatial-temporal [CAL+18, NWD+18, YZXG18b]. Spatio [HYC04, SSP17, ZWH19, DWZ20, MLW+18a, QNM+19]. Spatio-temporal [HYC04, SSP17, ZWH19, DWZ20, MLW+18a, QNM+19]. spatiotemporal [GHW+20, WZW19b, WGW+20]. speaker [ZDM+19]. Spec [MHZK18]. Special [Aba06b, ADALZ14, ABM+07, AR07, AC10, AR10, ABMS05, AM10, BGL08, BB13, BN06, BDF+16, BLAV06, BB12, B‘uc05b, BR10, BRHH18, CMA11, CRSD10, ChK11, CC11, CSYY18, CF09, CGD10, CPRS+14, DL06, DFRW17, DDK08, DDP18, DT08, DDB14, DQ15, FA11a, FM08, GR09, GA06, GMS09, GMP+18, HAB05, HYZS16, HKPT10, HM+06, HJC10, Igl07, JO11, JS12, JY15, JL08, KT08, KZ14, Kim07b, hKcF09, XLlS09, LEE12, LS10, LNB14, M10, MOK06, NFK10, OM10, Ole07, PH07, PX07, RW13,
SZV19, SGM11, Šle14, SDBdL06, SBdL09, SPEW09, SD07, TCG14, TBK+10, TKRA14, TBdL16, Vlk09, WSB+15, Xz11, XZL18, YGS16, YMS20, YHJZ14, ZBB09, ZSH12, Zhu07, Zhu10, ZAP05, ADLV12, ARB12, CRW+16, GVTdL18, KJ12, PC18b.

Specific [JC15, BFK02, DR05, KZA+18, KANS18, PNH99, SGM11, ´Sle14, SDBdL06, SBdL09, LJJ18, Mal94, MLZ [MMRL17].

SPMD KANS18, PNH99, SCZ [ATdC 09].

Specification-correct [FSP02].

Sphere SPiDER [MYK16].

Splitting [HHS98, TM19].

Spiral [WWP19].

Spin [Coo90].

Speedup [DSBC19, LSG18, MF05, MAPA19, RPA+18, SRG+03, TYWZ18, VSBN19, DSBC19].

Speed-adaptive [ZTKX19, WZY 09].

SpEED-IoT [DSBC19].

speedup [PJD013, AB03, ABMS05].

SPFCNN [ZSQ+19, ZSQ+19].

SPP-1000 [SMG95].

SPP-Miner [ZSQ+19].

SpEED-IoT-Miner [ZSQ+19].

Stag [ZZ+18, HGM17, SSZ 14].

State-aware [LQW 18].

State-based [PPJ120, LLpC12, DWZ20].

State-of-the-art [GP+13, dCTVC18, GBL+19].

Statement [Leo98].

Statements [Leo98].

States [REM04, Tul04, WST08].

Static [MTO13, ATT+20, 1000, BHB16, HPLL09, GL05, OS06, SDTA19, SMS14b, TGJ+20].

stationary [XZ+15].

Statistical [GWW19].

Statistics [Pan95a, WSN18, vdR87].

Status [CBBC+17, MK89, Abe92, FK99, Fut92].

square [TM05].

square-root [TM05].

Squares [vdV89a].

Stable [CHHW91, FTK+14, SI19, ZF16].

Stack [BPLFLR10, PDK10].

Stacking [LCL+18, RSY+18].

Stackberg [LN13, SHC19, SSJ19].

Stacking [LYC+19].

Standard [RNR18, ZMN99].

Standardization [Kob92].

Standardized [BAB13, MEBA12, WBKL16].

Standards [ACWJ19, MLD08, RS94, SDRK19].

Star [KSAOK08, LLpC12, DWZ20].

StarCave [LQW 18].

Starplane [GMM19].

Start [KSAOK08, LLpC12, DWZ20].

Start-topology [LQW 18].

Start-Stage [KSAOK08, LLpC12, DWZ20].

Start stations [KSAOK08, LLpC12, DWZ20].

Start-like [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start stations [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].

Start station [KSAOK08, LLpC12, DWZ20].
Kaw92, KARP14, LAQ+19, Miz89a, Nag86b.

stealthy [ZZXH20]. steel [YLL+19].

STEER [LWHC07]. steered [PHM+99].

Steering [LBU+10, WCKW10, LJPS05, LBB+09, MDO+15, MvLvW98, MvWvL99, RMCN+10, SSC+19, VMvW97].

steganography [MSM+18b, SAM+19].

Stellar [LM90b]. stem [BPP+07]. stencil [GBMB19, YDT19]. stent [ZM+19].

stented [HORC04]. step [CP06, KRRZ12, LWK20, Kos95, YXA+18, JLQZ18]. steps [KW20]. stereoscopic [OMK+19].

stigmergy [DBT00]. stock [Che14, JHC18, Lin18, Yam89].

Stokes [ID98, vM94]. stone [HZ+19].

Storage [SRN+18, ADM06, AR15, AKCY+17, AGA16, ADDV16, BWX20, BSR18, Bha18, BBB+19, CW16, Che13b, CBT+19, CDL18, DLR+09, DLZ+14, DLLZ17, DKK+13, DLH+17, ED16, ED19, FH13, FLT+19, GTSAR+14, GTSP+19, GGZS09, GG10, GLB+18, GZQ+19, HSM13, HDO16, HNKÖ18, JSC+15, JCL+15, KK97, LKL+17, LFYT20, LS+11, LFH+15, MMP13, MYY+19, MPP+18, MAA+19, MM18, MKRD19, NJW+06, NZQ07, OB04, PWWX17, RP18, RTS+16, RAA+18, SHTN18, SYY+17, STC17, SGB19, SSSK13, SMS13, SCH+19, SYQ+19, TSLW17, TLC+20, WCF+15, WZH+18, WLA17a, WLA17b, WHW17, WBT+08, WML17, XFLL16, XLL+14, XJW15, XWM18, XYML19, XXB19, YCAS03, YZW14, YNY+14, YZN+15, ZFW14, ZWL+16, ZYCY19, ZZXH20, ZJWZ04, ZW10, CHHW91]. store [WHZ19, YFY+13].

stores [DIVGSB+20]. stories [VPA+18].

Storing [LLCF11, LZZ+17, SW17].

STORK [TOS18]. storm [WSQ+18, FPR18]. story [ACM+18, LJ19a].

stragglers [OWX19].

Strategic [vDR87d, BM08, ECPF17a]. Strategies [MGG+18, PR95, AS19b, ASD12, BBT19, CPQdS+13, DFC+08, GJ+94, HCJ14, LPB04, LB09, LWTL19b, LSW+19, MZ103, RGC+10, VGC+13, dOOO+13].

Strategy [ZZLR18, ABMSEM18, CMX+20, Car86, CW+18b, CS12, DMZ09, FN00, GJGB19, GS16b, HA19, HCL07, HWZL08, HPLL09, KKL06, LVH08, LYM09, LFL+17, LS10, LSG+19, LGL+20, NQQL13, Qin07, RM97, SSL12, SK05, SYL18, TWG+19, WZZ16, WCM+19, WYJ+19, WMC19, WS10, WW13, X WL+18, XWJ17, YLYC10, YMY+17, YDQC19, YK17].

STRATFram [BBT19]. Stream [CLN18, dRADFG18, ACC+16, BGC+19a, BVFGWA15, EMHE18, FPR18, GS05, GKG20, GRX19, HRWV18, LOR+18, LSD11, LM90a, SSL13, SGL+19, WPNG+18, WHMO13, WLW+19, XKK20, YL16, ZSB+19, BGC+19a].

Streaming [SCC20, BDNP13, DHH+17, FMR05, kHsZwJW18, KWK16, KSK+11, LZW+18, MBC+11, MCAS19, MKY16, RGBH18, SST+06, SKF+09, SKF+11, SLDK03, TCN+16, WLL+19a, WdL16, Wl+11, YMD+13, ZCK+15].

Streamlining [WBKL16]. streams [CFM17, DGD+16, FSV+19, GACM17, LCCM18, MPP13, MSTD18, PS07, RBLvM14, ST20, TSBG17, TCBPR16, UMHB19, WSN18, YAH18, ZSP17].

StRed [NZQ07]. Street [AR18]. strength [AKM18]. stress [BBJ+06, OS06]. Strict [ADM20]. string [LHC18, MM03].

string-wise [LHCC18]. stripes [vV85].

Strobe [TJ18]. Stroke-order-free [TJ18].

Structural [ARP14, HJP92, Lop03, LQNNW20, VMCM+20, XPL19, ZZF+19].

Structure [BKM03, KS18a, KKL09a].
Structure-aware [PC18a].
structure-based [SGBK19]. Structured
[CDF+14, HB09, ADT03, BMH10, BFK02,
CHSA18, DLP06, JCO09, KX11, KGO+20,
LZZ07, PGS105, RHMG14, SB17a, SS03,
VRS12]. structures
[BNFZ08, BL92, KBW19, KNO6, PPG19,
RGCI18, SB18, YAM92, ZZ15].
Structuring [Leo01, LPE08, CCG07].

Stuart [Zad87]. student
[CMEA+19, FFGP+19]. students
[FJA+18, Kim18]. studies
[Asu13, BBS12, CPP+18, Cur92, Fuk85,
GHH03, LLESS19, MMV08, MDD89,
NH02, NH03, PKC+05, RSV90, SHS+19].
Study [CY88, KIS9, SAG17, DL10,
APR+19, Bal92, BBD10, BPL10,
CGN18, CLAL19, CCT13, CMG+19, CT19c,
CPM19, DR504, Dug09, EGCY06,
FGM11, GSV+10, GRS+19, GMM18,
HOR04, HMA18b, IPG+18, KE04,
KJH10, KCI19b, KES85, LCY19a, MYBM18,
MNC+18, MKS18, MOFGP18, PDDS10,
PM14, RMJ+18, Rou00, SMI01, SB11,
SHH+19, TC06, WYX10, WLM16, WRCC17,
WM07, XLL+19b, ZM97, ZDL+13, ZN12,
ZTC+19, ZXL14, dOO0+13, vVDB98].

Studying [FAMA+17, SH99]. Style
[BCL88, BRL91a]. styles [MS01]. sub
[YPK12]. sub-directional [YPK12].
Subevents [NO19]. Subgraphs [WLB00].

Subject [Ano92h, Ano92i, Ano93i, Ano94g,
Ano95h, Ano98c, Ano01d, Ano02c, Ano03i,
Ano04b, Ano05f]. subjective
[LLJ+11, XJY+18]. subjects [Wei11].
subroutines [DT94]. Subscribe
[BGP+17, AMPZ16, EBCP18, MWQ+14,
OKF10, XWJ+16]. subset [OP95].

sub-set-equational [OP95]. subsets [QC18].
subsetting [PPZ12]. SubSift [PPS+18].
subspace [ArMS19, CHJ+04, Dat03].
subspaces [HV03]. Substation [ONHT89].

substitutable [SVB07]. subsystem
[CPS12, WTC+02]. subtalar [Bo19].
subtraction [DGA18]. Success [vdR93a].
successful [KS19]. successful
[LWX19, LH20, ZWS+12]. sufferers
[NDZ+18a, NDZ+18b, NDZ+19]. sufficient
[XWL+18]. suggest [MV90]. Suitability
[KKP00]. suite [BBB10, HBB20, REN03a,
SPMC10, SCK+00]. summarisation
[BCR+12]. Summarization [CZ14, CZ19].
summary [DR89]. SunwayMR [WHY17].
SUNY [Lit03]. Super
[GO+11, JP18, Kas85, MTV05, MCT+09].
super-peer [MTV05, MCT+09].
Super-resolution [JP18]. super-speed
[Kas85]. Supercomputer
[KMN+05, KGLA85, LM90b, SS90].

Supercomputers
[FCR84, DFS18, DHD89, LM90b, Per86].
Supercomputing [Ros89, AS99, Han03,
LPC+95, Mun04, WTC+02, WAD+89].
SuperFine [NS17b]. SuperJANET
[Coo93]. supernode
[PP59, CGS95, AAB+92]. superscalar
[BFR05, Goo01, RMC+10].
superscheduling [MRM16]. supertree
[NS17b]. Supervised
[kHB11b, HLL12, YYW+17]. supervisor
[DMR93]. supplier [ABMMC18]. supply
[ABMM18, AB19a, ABG19c, BDA19,
JLQ18, LBJ+18, PYH17, YLL+19].
supply-demand [PYH17]. Support
[BCM+95, CLAL19, CLY14, DDO+92,
DJM18, Gra92, SCJ+19a, ADB19,
BBW+16, BK71, BRB19a, BK18b,
BMP+16, CAS+16, CFMC19, Cle13a, CY88,
DMR93, DSH+99, EP12, FK11, GTTR16,
GS95, GHL18, GKT15, GSY+19,
HHL11, Ham17, HAA+16, Hum92, JNS+19,
KD+19, KFBD14, LGH97, LIZ10, LPK17,
LGW07, LLW+19c, LDY+18, MDB+18b, NHG02, NHG03, ONHT89, OVK+09, PM04, Pal06, Pal09, Per06, PW+13, SB97, SGP+09, SCEC18, TKTG19, VR05, VDK12, WLF+09, YÁJG+15, YCX05, ZZDM+18, dIvFVPShL+14, dLLA93, LPK18.

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**Supporting**
[BMS05, EMB98, Fra08, GJF+12, JHC10, Lok12, LZX+18, LHCC18, ADT03, CES+19, CMP+17, CDB+19, CPLH19, DMPPL6, GdCP19, HZL18a, KT08, LG08, Pag99, SB11, SAK+10, SHLB08, YD18, ZFMB20, ZBF14].

**SUPRENUM** [SS90]. **Surface** [Alb04, CFG93, GL95, IEG04, MURA19, RBS93].

**surfaces** [DY04, ZY04]. **surgery** [SGL99, WW19]. **Surgical** [EK00, WWSM98]. **surplus** [ZAH+20].

**surrounding** [SLTK19]. **Surveillance** [MP+18, AMBB18, HST+18, HZZ+18, LDX19, RHH+16, TWZP18, UMBH19, ZZXH20]. **Survey**
[GBB18, JAAAD+16, DRGC+19, AMI16, ABP18, ASD12, A1084a, A1087m, AAMS19, BMKM+14a, BdDPP16, BRNR15, BBI13, FSF+19, FS93, FLR13, GXL+12, HQH16, HAP11, HMZ18, HBO18, Ig04a, IAM+18, KKKM13, KAH+19, KRM+19, KAW12, LY19, MDO+15, MwVwL99, RLM18, TVB18, VNN19M19, WLM+19, WGM15, ZYL+20, ZZF18, ZAI+18]. **surveying**
[YWZ+18]. **surveys** [DGD+16].

**Suspending** [AM1+10]. **Sustainability**
[GLD+19a, AK18b, KB18, LIC18, SA19].

**Sustainable** [KHM+18, HYYC+18, KZS+19]. **sustaining** [BFN18, SZG+19]. **SVD**
[AM19a, CHY+18, PP06], **SVM**
[CTU19, RW18], **SVM-based** [RW18].

**SVMs** [FZHH14]. **SVR** [JP18, LZX+19a].

**SVSC** [HYC+18]. **SW** [XZL+19]. **SWAN**
[PTM+18], **swap** [CSJ+17]. **SwapBench**
[ZLL+17b]. **swapping** [ZLL+17b]. **Swarm**
[CT19b, XRP18, GHEB+18, JNR12, LAH0, LSV+18, MCA02, OB19, SUL+18, WCL+17b, ZWZ+19, ZS18, HAT19]. **SWARM-based** [HAT19]. **Swedish**
[HY03]. **sweep** [SIL+13, SVN10b]. **sweeps** [SBA+05]. **SWI** [CAS+16]. **swift**
[WCF+15, PLCGSI11, GCM+11]. **SWIG**
[Bea03]. **switch** [STC15, ZGL19, KSC+19, SJC+19a, SCJ+19b]. **Switched**
[CGD10, CkLC06, CGJ+10, KK10b]. **switches** [LKTC14]. **switching**
[CJHH13, CFVP03, CWL+19, HAP15, LLL+19, MGY06, MSM+18a, SKF+09]. **switching-frequency** [CJHH13]. **Sybil**
[AQRH+18, AQAR+18, JNHL18].

**Sybil-precaution** [AQRH+18]. **Symbiosis** [CSP98]. **SYMBIOTIC** [ANA16, EA17, SK019].

**Symbolic**
[Fah98, GI07, CsZzG+13, FB93, Ref87]. **Symbolic/numeric** [GI07]. **Symmetric**
[LL18, AKH+04, DLZ16, FH13, GMdFPLC17, TC06]. **symmetrical**
[RS17, USK16], **symmetry** [XJZ+19].

**SYMPATIX** [CEJK94]. **symplectic**
[IS03, MR03a, MR04b]. **Symposium** [Bi96]. **symptom** [YZL+18].

**symptom-matching** [YZL+18]. **synchronisation** [PDDS10].

**synchronization** [ANG+19, AC92, BB06, CTZ+15, EV96, FSY+19, GI07, GE09, HXY13, MM18, MLQ018, Pan95b].

**synchronization-based** [ANG+19].

**synchronizations** [KYZ19]. **synchronized** [LKK+16]. **Synchronous**
[Dui89, GI05, dRRdQGR+18, AT01, GGLD10, MD92b, OPT+17, XZ+19].

**syndrome** [Bo19, KA88]. **synergetic**
[XFM16]. **synergistic** [AM803, KSS11].

**synoptic** [DGD+16]. **SyNRAC** [YA07].

**syntactic** [GMM18]. **syntactical** [KL02].

**Synthesis** [wZcZN+19, BGNI19, GPA96, RS17, SK18, TA19, Yos89]. **synthesists**
[SOC17]. **synthesizing** [LH+19]. **synthetic**
[JLMR00, MR19, PFMC04]. **Sys** [MR04b].
AH11, BK19, BMR15, BK16, BBWB18, BJWZ08, BDL19, BdCYG05, BFP18, 
BJNH05, BSOK20, BPS06, BDNP13, 
BDVM17, BMZ01, BBMG10, Bs94, BKK02, 
BDL06, BBB19, BRNR15, BR10, CCL19, 
CPhG513, CMEA19, CZX19, CDF05, 
CsdCM17, CDL16, CFCG03, CTR17, 
Cns94, CCLSS09, CLM14a, CCJ16, 
CXL17, CSJ17, CLQS20, CLDC19, CY88, 
CBT19, CLP19, CLP14]. systems 
[Cho04, CSC18, CCDP19, Coo86, CR14, 
DP20, Dal03, DZ04, DPK19, DKV14, 
DEL19, DLP06, DAM08, DFRW17, DFT92, 
DV3, DLDTGMP16, DRNNC09, DYT16, 
DW87, DD86, DCMW17, EAED18, EG18, 
EO86, EMHE18, ECPF17b, Fer96, FDPR17, 
FM10a, FMRO5, GHD19, GS05, GHW29, 
GJD13, GJ15, GA13, GL19, Gil85a, 
GEAR13, GDEBC20, GOL19, GA06, 
GLW99, GM11, GDR14, HH98, HAF16, 
HRC19, HNK018, Hen87, HRCV18, HCB16, 
HW95, Hrr89, HPP94, HZP14, Hol93, 
HPP18, HHX13, How91, HCL07, HKS18, 
HX10, HDWL13, HLL17, HM98, HLT18, 
HCX19, HLMN11, HKK04, Ig07, IPG18, 
JSK06, JLCC12, JL08, JZW17, JLY18, 
Joh92, JC09, JM01, KHWZ18, KK00, Kgs89, 
KANS18, KBHV14, Kha12, KB18, KBK19, 
KLH14, Kim07a, lkeC90, Kim14, KCS14, 
KYP120, KAP14, KH93, KB16, KFBK14]. systems 
[KK07, Knn94, HBD18, LRO6, 
LXLS09, LES19, LKN13, LRY717, 
LLF18b, LWK18, LC01, LCL14, LFH15, 
LLGY18, LLG20, LSAM13, Lok12, Lop03, 
LKL17, LC03, LZX18, LMI12, LZY16, 
LSS94, LHCC18, LHY19, MWQ14, 
MB18, Mar86, MB01, MGV18, MM10, 
MKH06, Mat89, MRV92, MPQ03, MQL19, 
Mme05, MFL18, Mz89a, MMR02, MRN19, 
Mu92, MFPF19, MKRD19, MGA19, 
NP19, NKB19, NFK10, NK15, NSSA14, 
NQQL13, Not86, OFD17, OFK10, OPO13, 
OA17, OCK14, Pa101, PLL18, PaDSM18, 
PMK18, PPS19, PY00, PWY03, Par04, 
PKF14, PARMF14, Par87, PWMX17, 
PLP19, PX07, PNZ14, PQQP17, PB05, 
PSW19, PB18, PVBOH5, PH94, PYH17, 
PSBB15, Pud78, QMCX19, QPO8, RBA17, 
RD14, RdLM06, RVC16b, RVC16a, RG04, 
SZV19, SB19a, SRdIPG19, SH99, Sar02, 
SSKF95, SG04, SB79, Ser98, SI8, SMS14a]. systems 
[SSSJJ19a, SBLW14, SZN16, SH90, 
SOIS12, SFR15, Sko19, Slo96, SMM14, 
SL19, SSS3, SMS13, SK19, Ste85, 
SCH19, SGL19, SVN10b, SM96, TKR15, 
Tho06, TAS18, THT12, TTP7, TCH19, 
Tur18, URKM19, VF18, VR05, Var03, 
Vau93, VS04, VGBLGS6, VR00, Ven09, 
VDK12, Vin16, VMN18, VM93, VSV95, 
Wah84, WX02, WHZL10, WLZ16, 
WHS17, WZWC18, WLD20, WRBG94, 
WBT05, WYN90, WPJ16, WZS18, 
WLS18, WZML18, WB90, XJZ12, XZL18, 
XZK20, YNN20, YLY17, YYS19, 
YMS20, YP12, YL18, YMD13, ZS05a, 
ZAB15, ZFMB20, Zem86, ZCT14, 
ZMT16, ZWX19, ZYL20, ZA13, ZME15, 
ZYY18, ZBB09, ZYC19, ZLG14, ZWJ04, 
ZYT15, ZL17b, dSF17, dB90, 
vdR86a, vdr87c, vdr87d, vdr87l, vdr87l, 
vdR87g, vdr93a, Gra92, HYZS16, HLW16, 
KL98, LWW16, Slo06a, Slo06b, TKRA14]. Systolic [CKW88]. Szpakowicz 
[Teb86, vdR87].

T [Che18, QMSG12]. T-Alloc [QMSG12]. T-S [Che18]. T1000 [LYV18b]. T3 [EMHE18]. T3-Scheduler [EMHE18]. T3D [MPG96]. T3E [SCK00]. Table 
[FL14, FCW01, GXL18, LTC12, LPY18, MWY12]. tables [CHS18]. tablet 
[CPP18]. tablet-based [CPP18]. tabling 
[DS00]. Tac [SLH19]. Tac-U [SLH19]. tacit [MED16]. tactics [BS96, LES19].

tactile [AAS19, SLH19, VKT19]. TAF 
[GKS05]. Tag [SLJ17, DCS07]. tagging 
[WMA18]. tags [BGC19b, LEW19]. tailor 
[GVD03]. tailored
Tale [BCG]+19, LLSE19. TAM [CT19c].
Taming [TGM+19b]. tangent [GKS05].
Target [KIS99, AS19, HSV+17, LWX13, LXT+19, WFQ+10, ZBL+14]. targeted [NCC+19]. targeting
[FNH99, SBCF16, wZcZN+19]. Task
[AMS19, AEM10, BTM06, MVC+13, PCBD99, PRF20, SL11, ZZ19, ANA16, ADDB08, AMR18, BFL99, BKS+18, CLRL17, CXX+19, CA13, CLC11, CdSDS15, CXL+17, CWJ+18b, DLW07, DKV14, EMM12, FGW+19, FDPRI7, GCT+20, GEN20, GCZ+19, HPLL09, IDM+16, JLD+19, JM01, JEB18, KOT18, KRR+19, KA19, LTTL19, LST07, LCMX16, LPL+16, LWR+19, LGL+20, MVMR08, MGMT18, MWL+20, MP+16, NPP12, PLLA18, PB18, QZM+18, RS17a, SV16, SBHD08, Sdana19, TdPF+17, TVB18, WK+13, WZM+18, WSC+19, WWG9a, WDR+19, WPJ16, XAW+10, YYW+19, YJLC20, ZMTT16, ZSL08, ZCK+15, ZGL+18, ZZC19, ZTC20, vKvWD+13].
task-based [JEBl98]. task-efficient [QZM+18].
task-farm [BFL99]. task-level [PLL18]. task-parallel [SBH08].
tasks
[DFC+08, APA17, AGF+01, BDS+10, CFGM16, CA15b, CLR18, GVA+16, GGS13, KGO+20, LLH09, LYMZO9, LGY+16, Li18, LLS+19, LG16b, MLBS11, MRN19, Nag16, Nos98, PKA19, Rho90, SHP+16, SC19, Ser98, TLL+11, WHW16, WL05, Wu16, ZXW19, ZCL+14]. TASSER [ZBBZ19].
Taverna [ABG17]. Taxonomies [SV15].
Taxonomy [ALK15, DZH18, SYK+17, ATS14, BMK+14a, DC18b, DJ13, LCC19, LLWZ18, KQC19, TVB18, YHA+19, ZS05a].
TBRS [LLW+19b]. TC2 [BT93]. TCARS
[RMA+18]. TCKPT [KKJJ10]. TCP
[AbdL+03, AbdL05, KJ10, NLLC19, WWD+14]. TCP/IP [KJ10]. TD
[HSY20]. TD-Root [HSY20]. teaching
[FGG03, SYT09]. team [UZ11]. teams
[DBS14, GLD+19a]. Technical [vdR86b, CdcD07, GHZ94, UNM+16, Yam99].
technique [AKM18, DC17, DD05, GSC11, HRJ+06, HPM04, KHZ18, KAS19, PCB99, RZDM01, SMRM13, S0+18, SLA+16, VS90, VM93, WCC14, WTS14, YSL19, dFPFG19, de94].
Techniques
[Gra15, WRK+15, ZYA+18, AD18, Aba06b, ACM10, AAN+18, AM16, ATT96, ACMM19, AB15, AMR19, ACK+09, CGN18, CLAL19, CY01, CTMO06, DMP19, DGR+19, Fah98, Gra92, HAB05, HSC15, JYY+17, KZC04, M1G18, Mic97, NWE04, PB05, PdLS+99, SC19, SMS16, SV15, SKS17, SK12, SJSA19, TSBB11, VOCH17, W03+18, WMX+17, WLB11, ZAP05, tTv96]. Technische [Bum03].
Technological [dFVPSh14, Aig86].
Technologies [BDF+16, DPDS14, DMSS97, Sim86, ZPPE17, AZH18, AB18, BGV97, CPSR14, DFRW17, Duh91, FM08, FR08, GVB17, GMB+15, HSB+18, HJC10, HSS17, IJCR19, KPS18, KS17b, LLMP13, Mal01, Mal02, Mal05, MGA+19, Nag86a, PPS+19, PKC+05, PGCM+19, RVC16b, RVC16a, ´le14, SHH+19, SJTG07, TMV+07, WCK01, HMS15]. Technology
[BBD+99, ChK11, LCY19a, ZLRL18, Abe92, AB19b, AAC+19, Ano84a, ACP119, LAB06, Car86, Dek86, DvdH06, DD07, GMA07, Ham19, HCZW17, How91, Kaw92, KM01, KAS8, LB+18, LKM91, NTN86, NLM+16, Poh87, Ser95, SSL+19, WZH+18, WAD+89, YLL+19, vDDB98, vdR86b, vdPGZ+16, ABMS05]. TEE [DJZ+15]. tele [RMM+98]. tele-immersive [RMM+98].
telecare [LWK+18]. telecollaboration [AKB18b]. Telecom [BT93].
telecommunication [WWZ18].
telecommunications [Car86, Mun04].
TeleEEG [De98]. telehealth [WQG15].
telemedical [De98, JSS+99, Mar98b, Mar98a, Mar99b, Pol99]. telemedicine
KA09, KSAOK03, KCK16, KLC05, Kim18, KSC+19, KW20, KPK00, LF01, LFVV05, Li15, LRZ+18, L018, LL+19, LJ19b, LG16b, LPL+16, LWV+16, LQNW0, LD04, LHY+19, MZH+17, MPCA15, MKT09, MGA+18, MFT+17, MOFGP18, MRN19, MFSV19, MCG+15, NF13, NJ17, NA19, OKL0, OWX19, OPT+17, PAD09, PKF14, PDT+18, PGTT18, P099, PN09, RPA+18, SHP+16, SS04, SD02, SST+06, SKF+09, SSL12, STB+19. time [Sin92, SK12, SK19, SCJ+19b, SW02, Suz89, TST14, T15, TF17, TSRG17, TQL+19, TCCW19, V19, Va93, VSBN19, WLZ+14, WQG15, WTM+17, WGW+20, WMA+19, WSH+16, Wu16, XYZ05, XZJ+20, XLL18b, YNSM12, YCL+19, ZM16, ZSI08, ZCK+15, ZWL20, ZFC17, ZSP17, Z18, Wil16].

**Time**-inv [JCMPPC].

**Time-based** [JCMPPC].

**Time-constrained** [SSL12].

**time-constraints** [LPL+16].

**time-critical** [KSC+19, OWX19, STB+19, SCJ+19b].

**time-dependent** [Dua94].

**time-efficient** [XLL18b].

**time-invariant** [GMdFPLC].

**Time-Of-Flight** [JCA].

**Time-Of-Flight** [JCA].

**Time-Of-Flight** [JCA].

**Time-Of-Flight** [JCA].

**Time-relevant** [JCMPPC].

**time-recordable** [LWW+16].

**time-constraints** [LPL+16].

**time-scale** [JL03].

**time-series** [LFWV05, MFT+17].

**time-shared** [CCL09].

**Time-slotted** [ZWJ+19a].

**time-varying** [BH03, Li15, LQNW20].

**time/cost** [KCK16].

**time/cost-constrained** [KCK16].

**Timed**

**Timed**

**Timed**

**Timed**

**Timed**

**Tokenizer** [MBF+20].

**tokens** [CJK+18, GXD+09].

**TOLA** [SZD+17].

**Tolerance** [PCBD99, PRF20, AMR18, CdCD07, DSS07, GdVC10, KYPJ20, LXJ18, LSTV07, MC04, NKP16, SS02, SG05, WDR+19].

**Tolerant** [ACC+19a, SE19, AMH02, AFB+10, BCH+08, CXZ+19, CCL11, DZZ+15, DHB02, DN14, DD02, GCV+14, K102, LCBF13, LHB95, LM07, LS01, LVW+16, LS08, PWY03, PIP18a, RWY+18, RWZ+19, SPR+10, THKG98, WHC19, Xia06, ZTKX19].

**Tolerance** [FGCM07].

**Tomography** [LGZY18].

**tomorrow** [MK16a, MK16b, vdR87j].

**Token** [Her87].

**Tool** [LLSR02, AB19a, ABGM17, BGM20, DM19, FS07, FTH16, Han17, HBK20, KZK06, LWHC07, MAA19, MCG+15, NS17b, OS92, SB19b, SDST18, WSS+09, WBF08, WYN+90].

**toolkits** [AAI19, CN02, GMD19, HAE+03, HBJ+03, IJLC03, LWHS07, SAMN02, ZYB+18, MFE+08].

**Torch** [YFF05].

**Tools** [CBS17, KV03, TBK+10, TA06, WRK+15, ACU95, BR92, BSG+05, BRNR15, CAC10, GLM+12, GD93b, KKVdB17, MCSS00, TST14, Wal86].

**toolset** [PTD+18, RSD02, Tao10].

**top** [CCJ16, MLW+18a, KMT14, MAD+16, TDBR18, ZZC14, CCHW03, RW18].

**Top**-**C** [CCHW03].

**top** [YTQ19].

**Topic** [AK18a, DL04, SZD+17, KH19, LDS+18, LZZ19, NO19, WJS+18, ZZBP19, ZZJY16].

**topic-based** [KH19].

**Topic-oriented** [SZD+17].

**Topics** [FM17, PZY16, HO17, PPB16, PZY17].

**Topological** [AAC04, Bag19, SX117].

**Topological** [AAC04].

**topologies** [VSO90].

**topology** [AAD+13, LLpC12, LKTC14, PRC+14, SHR16, XWJ+16, EMHE18].

**topology-aware** [PRC+14, SHR16].

**Torus** [WLYL11].

**torus** [Kag89].
[KD00, LOK09]. **TOSCA**
[SCJ+19a, WBKL16]. **Toshiba** [Ama86].

totalistic [JM02]. **touch**
[Alp18, GMCM16, GMC18, PDW+11]. **touchstroke** [Alp18]. **Tourism** [CT19c].

**Towns** [GMLGB+17]. **trace**
[KN06, PD11, SK06]. **traceability**
[Che18, WHS+18, XLL+19b]. **Traceable**
[LDZW19, QRW+18].

**Traceable-then-revocable** [LDZW19].

**Traceback** [JL14]. **traces**
[DMMM11, PKB19]. **tracing**
[BK06, ZLL+19, ZSBB19]. **track** [SSC+19].

**tracker** [MSK18]. **tracking**
[CEP19a, FAMA+17, JHC18, LWX13, SLK17, WJS+18, WWTF18, YDY+14, ZBL+14].

**tracking-based** [JHC18]. **Trade**
[DGGCH+17, KNK+08, BDA19, DMM14, GBS10, KCM19, PMBS14, XZZ+20].

**Trade-off** [DGGCH+17, BDA19, GBS10, KCM19, PMBS14]. **Trade-offs**
[KNK+08, DMM14, XZZ+20]. **traded**
[VPT+10].

**Tradeoff** [JCL+19, GLD+19b].

**tradeoffs** [KAEC+18]. **trading**
[Che14, GFW+18, HQ07, VMG+14, RT16].

**traditional** [GK18, KC98, QMSG12].

**Traffic** [AT18a, BLO+18, DK17, EMHE18, Mid01, RN01, RGH+01, SNW01, VN01, ADOKM06, ASO2, ACHP19, AC18, B020, BMK+14b, CG09, Che13a, CAL+18, CLQS20, CS19, FTK+14, FAMA+17, HH19, HZL18b, JBM+18, JH16, KXS+16, KLJS19, KBdLG18, LLZ+19, LDX19, LSL+15, LWT18, LLZ+18b, LGZ18, LMCSE19, LMCE20, LOK09, LFY+19, LHY+20, MG19, MRS18b, PGTCB18, RGSL18, SLH+19, SLY+19, Tur18, VVC+03, WLZ+16, WHBC19, WSY+19, XJZ+19, YCL+19, YSL19, ZCS+16, ZYK17, ZJW+14, ZMN19, ZWMC19]. **traffic-aware**
[BMK+14b, SLY+19]. **traffic-indexed**
[LSL+15]. **Traffic-sensitive** [DK17]. **Train**
[MK19a, MWL18a]. **training**
[BLB03, EKB00, Gra01, Han03, IMKB89, RS98, dLB10]. **trajectories**
[CZXL18, NWD+18]. **Trajectory**
[WMBV17, DHH+17, FAJP99, GHW+20, KXS+16, SOR05, TOM+20, WSN18].

**Transaction** [Joh92, GYW+19, KJJ11, KVvE818, LGW+17, YNK+20].

**Transaction**
[WZ13, GAYTC18, LAL+14]. **transactions**
[CLS+19b, DR15, LAL+14, WLGL19].

transatlantic
[AbdL+03, AbdLL05, MMFM+05, RRS99].

transbronchial [BDS+10]. **transceivers**
[ABS+18]. **transcoding** [GFR+06].

**transcript** [STP+05]. **transcription**
[MMF16]. **transcripts** [TBD+02]. **Transfer**
[AMSP19, NMC06, BBD+99, HUK+11, KJJ10, KKL09b, KB16, LCL+19, LRY17, LSD11, LKF18, MFL18, OS06, RSK16, RACA18, RLL+17, TZST14].

**transferability** [CLM+14a]. **Transferring**
[KLW+18]. **transfers**
[HWQ+20, LB18, DPK16, MWPVB12].

**transform**
[BWR12, BW13, GHEB+18, NUPA19].

**Transformation**
[BCL88, GHP19, HQZH14, LZCX19, LSL+16, MK95, PKP19, RM97, SR19].

**transformations** [CJXX19, DV03, DGA18, LTZ15, SSFF19, UM02]. **transformed**
[SC19]. **transformed-domain-based**
[SC19]. **Transformer** [YYW+09].

**Transforming** [PSK+10]. **Transient**
[DRZ+19, AMR18, BDHK06, EA13].

**TRANSIMS** [RN01]. **transit** [AHP16].

**transition** [GBY16, LXM+18]. **transitional**
[KRZ12]. **transitions**
[DCK03, Fre94, KLC05, PM14].

**Translation**
[Ama86, ABF+15a, CGZL19, Mur86, Nag86b, NTN86, Nit86, Sim86, Uch86].

**Transmission**
[KESL17, WDW+19, YZZC19, BWR12, CCW+20a, CFD+20, HMA+18a, HYX+19, HJPS03, KY85, LLL+19, OSANAM19,
PZA18, PWMX17, PLP+19, SKF+09, TZD+19, VS04, YW+17, ZZZC19.

transmissions [HSP+13], transmit [HJK+04], transonic [GL05]. Transparent [MSI+12, CWD+08, DW11, GTMZ17, KJ110, MGLPP13, ZW+13.

vKwD13], transplanting [JKX18].

Transport [HDC+94, AS02, CM99, JHL+06, MKH06, RWJ+20, 2MN19]. Transportation [GCD+18, LNA19, AAA+19, NWL17, PLP+19, RN04].

transporting [CHJS+10], transputer [CFG93, Dui89, LSF94, Pri95].

transputer-based [mM95].

trapezoidation [LD04]. Trapper [SSKF95].

travel [BAKB19, JXZ+19, dSSCdL19, Van87b, vdR87l]. traveling [DC19, SMI01, VAS95]. travellers [NWD+18].

treatment [Bo19, GP11, Ma89, SWL+20, WCW19].

Tree [LM07, AMM19a, B020, BWR12, BW13, CD16, CH10, CLY14, GOBL16, HLL18, HHXL13, KMI11, LRMS19, LLZ07, ORPPG20, RK20, SHLB08, TTW+18, WWQ+18, QQZ09, HCNT14, KK11, WTG+19, CZXL18]. Tree-based [LM07].

Tree-Rule [HCNT14]. tree-verified [HHXL13]. Treecode [Pri95]. Treess [RSRV88, AW97, CLR16, CY12, CFL+18, EBCP18, Luk89, PMK18, SLO+05b, WLB00].

tremor [AAN+18], trend [PLA18].

trending [HO17, HAM18]. Trends [Her91, Sas85, WG91, AYPV17, AMB03, Ano87m, Bal91b, CLCMG+18, CRM05, DWZ20, GMS09, GMP+18, HPP+18, IDM+20, KHL+18, Nag86b, TKR+15, VLB18, WLS84].

Tri [MBC+11], Tri-continental [MBC+11].

trial [BRL19, KMCH03]. triangles [BRR+04], triangular [vdS04].

triangulation [XSM04]. Trident [SB11].

tridiagonal [BG05, HM98]. triggered [KID+16]. trip [LSV+18, MG11, XCZ+19].


Trojan [CLK11]. trolleyes [MOFGP18].

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

troubleshooting [Tak89a].

trucks [PWP+18], TrueID [HCL+17], TruGRC [WLL+19b], truly [HNS05].

TruSMS [CYZK15]. Trust [AWYJ16, ABTA18, EKSDN99, ECPF17b, FFB20, KGS+19, SS17, WLL+19b, WCVL12, YDNV16, AGR19, ACL+18, AHdJF97, AZO+19, AM10, CYZK15, DSS07, FMRS18, GL19, GVBdL15, HA19, JW14, KAZ+19, LW+19b, LMM19, MML+18, MG16, MPR+16, NV11, NJ16, PVDG+19, SYJA19, SSRQ19, SCL14, SRKS18, TDLC17, TAHAS14, TY11, TQL+19, WW11, ZYK17, ZSF18, ZSS+18, TY11].

Trust-Aware [WLL+19b, AGR19, MPR+16].

trust-based [MML+18],

trust-driven [NJ16].

trustable [CCCT14].

Trusted [BCP18, Pol89, SK97, LZ11, CW16, CLM00, DCL00, ED19, HLNM11, JW14, KURAK+18, KF00, NV11, WW11, ZZL+10, ZZQ+13].

Trusting [Lee12].

trustless [KGS+19, MBF+20].

Trustworthiness [ABTA18, SZ12, CFGM16, HSH+07, LHX+18, SS17, ZG18].

Trustworthy [DLMS15, YLYV15, CYZK15, FY19, HSGY20, ZWGC19].

true [XZZ+19],

truthful [DWJM18].

Tsallis [RDSA18].

TSH [WWG+19b].

TTNs [BD+99].

TTPs [Pol99].

tube [HvHAS04].

Tubular [QXZ+19],

tubulin [Tul04].

tumor [ASYF18, YWG+19, YPJ19].

tumour [KMB+17, SUD+98].

tunable [NUPA19].

tunable-Q [NUPA19].

tuner [vW19, vW19].

Tuning [JLRS18, CQW+19, EBCP18, FMS08b, LCL+18, RSJ+14, Tao10, TCCCL11, WVC05, WLH16].

tuple [BR18].

Tubo [XRPT18].

turbulence [NEJP94].

turbulent [GL95, Kni89, WVCW94].

Turing [DDL01].

Turing-like [DDL01].

turnaround [CRTN17].

TV [LCH+11].

tweet [POMK20].

tweets [DFG+19].
Twister4Azure [GZWQ13]. Twitter [AYYL19, BOHCC17, CWZ+17, LCGPC19, SCZ+19].

Two [AB95, DST14, ED19, GJS+94, GDAS18, JLI+13, KB91, LW19, LH+19, Rus90b, TBO20, TTB+13, Tso19, YG18, YDNV16, AWW+13, BP02, BQI+20, CHS11, CCW+20a, CCD+10, CHY+18, DS04b, EMHE18, GEN0, GS13, HZW19, HZ19, HM98, LHY+20, LM90b, MTD18, OMPS+19, PBHK01, PM14, QZD+18, QPTGG+12, SA07, Ser98, SJL+17, TJ18, UM02, WWX+17, WZF+19, WH19, WLS+18, YPCK12, YCH19, ZGV19, Mur86].

two-agent [WWX+17]. Two-dimensional [GDAS18, BP02, CCW+20a, DS04b, HZW19, PM14, SJL+17, YPCK12].

Two-factor [ED19, LW19, WLS+18]. Two-in-one [Tso19].

two-layer [JLI+13, Rus90b, CCD+10, CHY+18, EMHE18, MTD18, QPTGG+12].

two-parallel-branch [WZF+19].

two-phase [HZ19, WH19, Mur86].

two-processor [Ser98]. Two-stage [TBO20, QZD+18].

two-tier [GEN20, LHY+20, SA07]. Two-way [YG18, HM98, YCH19].

Two-fold [LDJL19].

Two-level [JLI+13, Rus90b, CCD+10, CHY+18, EMHE18, MTD18, QPTGG+12].

two-parallel-branch [WZF+19].

type-theoretic [L90]. typed [BM00].

types [HWQ+20, SW17, YH18]. Typing [Goo02].

u [Kim14, SLH+19]. u-healthcare [Kim14].

U.K. [Ano84a]. U.S. [Ano84h, Smi86, WAD+89]. U.S.A. [Ano84i, BS84]. UASNs [KKN18].

UAV [HLL+19, HYRZ20, SGRT19, UKK+19, WLAC20, YYW+19].

UAV-assisted [WLAC20].

UAV-enabled [UKK+19].

uBaas [LXL+19].

Ubiquitous [ADALZ14, YGS16, AK19, ADLW12, CFPC17, Lok12, OdI14, Pal13, PPB16, QMCX19, VFHB14, WZC08, WQ14].

UCLP [JHL+06]. UCLP-enabled [JHL+06]. UDP [CHJS+10, LBM18]. UDT [GGH+05]. UGV [ZDL+19].

UHF [ABS+18, BGC19b].

UHF-RFID [BGC19b].

UK [HT02]. ultra [CGMT20, GSC+19, LRJ+06, PDW+11, VBL09]. ultra-fast [VBL09]. ultra-high-definition [LRJ+06].

ultra-high-resolution [PDW+11].

ultra-reliable [GSC+19]. ultra-scale [CGMT20].

ultrasound [BM00].

Uncanny [CMG19].

Uncertain [BN17].

Unbalanced [LYY+20b]. unbiased [Bag19].

undergraduates [BLB03].

understand [Eng14]. Understanding

[BPLFRL20, CRE01, KC19b, LG16a, LOK09, MZD] underutilized [KHG13].

underwater [CCG+18, LDY+16, LLU+18].

underwater [CGJ+18, LSZ+16, LLU+18].

underwriting [Kom89a]. undo [LMHC18, LHY+19]. unexpected [SCB04].

Unfolding [DFLO17, DCK03, SSLF10].

unforgeability [SCZ+14]. Unicode


Unicorn [XWZ+19].

unification [BB18, FLN+18].

Unified [MWMA10, XWZ+19, DJ13, HIA18a, HNQ+18, LXL+19, MRT+19, OFO+99, RSRA18, WZF+19, dOWD+18, WG13].

uniform [AS99, BMS05, CJ14, KLC05, LOC09, MZD+16, Van92, ZCLW18].

Unifying [XFTZ16, VP94].

Universal

[WMJW18]. Union

[WH19, HXWW18, OB19]. Unit

[RCW+19, MCSA18, PAB+14].

Univ [Wii84]. units [GXW+19].

Universit¨at
University [Ano86i, Ano87b, Ano87c, Ano87l, BLB03, CN98, HICA FM+06, SR03]. UNIX [AGP+92, Ber98]. unlicensed [SLH+19]. unmanned [MND+19]. Unobtrusive [AKM18]. unpredictability [YZW+18, ZZZC19]. unpredictability-based [YZW+18]. unpredictable [ACBM15]. unresactable [ZMZ+19]. Unsharp [BMU18]. unstable [YZC+19]. Unsteady [HvHAS04]. Unstructured [LF95a, AR15, CEP19b, CLK11]. USB [CLK11]. USB-based [CLK11]. Use [CTM06, MCR+16, Niw89, Pip10, AR18, BSE+13, BLK01, CGCB+12, CT19c, HHSW92, JKS+06, JCA+19, JNPY06, Jon00, KMKZJ16, LN04, MTR+19, MJ00, POMK20, PPG19, Ser98, VHML11, VFHB14, VM93, WWA19, vdPGZ+16]. used [KMU19]. USEE [MZD+16]. useful [CN98, RCW+19]. User [AKB18b, Gra92, LJV+19b, PNZ14, SZK18, WZM+18, YHH+19, ZWJ19b, dNE05, vKvW+13, ABZK15, ACL+18, AMQS+19, APK+18, AMB03, BvdV99, BFL99, BCN+19, BDWM17, aCKPM19, CFGM16, CHS11, DEL19, DDR06, DLLZ17, DML20, DGGH11, DMM+18, DY+18, DGDl15, EKGS14, FK11, FTk71, FTD17, GGH+19, HCL+17, JRJ+11, JXZ+19, KZA+18, Kam85, KJI1, KID+16, KKP19, KV09, KMK09, KBB+09, KGLY18, KLIW+16, LZP+18, LJJY10, LH13b, LHL03, LLW+12b, LLGY18, LASL16, LLT20, LZX+18, LWZ+19b, MSK03, MCRB19, MBL+19, MLBS11, OAMS18, POKM20, PLA18, PARMF14, PQBP17, PIP18a, PDW+11, QGT+18, RHH+19, RASS02, RA+18, RPdVR20, RRH16, SBC16, SSA+19, SRP19, SCN+14, SHH+19, SSC+19, Taks9b, WTG+14, WMQ+16, WS18, WDKV19, WMA18, YAO14, YHL16, ZDL+13, ZIOT+20, ZLZ13, ZXZL18, ZC+18, dACNC16, GFR+06]. user-based [WMA18]. user-centred [AMB03]. User-centric [SZK18, ACL+18, DML20, DMM+18, DGDl15, PIP18a, QGT+18]. user-defined [KJI11]. user-generated [DGHG11]. user-level [KMK09, MLBS11, ZLZ13]. user-oriented [ZDL+13]. user-oriented [BvdV99]. USENET [KGLA85]. users [GFD+18, IG12, JBR+16, KT08, KGO+20, Lok12, LHY+20, OS92, SCZ+19, SCH+17, VGD+19, YD18]. uses [Ano86i]. Using [AC92, AHdJF97, BB06, BCG05, CGM+07, CPP+18, Che13b, CdSDS15, CCHW03, CS97, Da03, DvdHdL06, DBS14, Eng14, FDGR14, FR08, FMR18, GTEL+18, GRZ+19, GmdFPLC17, GJKP18, HPGMM18, HGM15, HLS00, IJLC03, KgdL11, KKL11, KKA18, LTN10, LSD06, LFI+15, MRV92, OAMS18, PCC18, PGW09, PBB+05, RMSPP17, RWW+13, Reu03b, RMCMD12, RV95, RS98, SK97, SA19, STC15, SSO04, SBLT05, VFHB14, ZBF14, dSFD+19].
tTvH96, vVDBB98, vdHDT+06, AD18, AAN+18, AsRA+19, AFO+18, Adl14, ABD+19, AACC04, ATf11, AQR+18, ASAAAm+19, ArMS19, AEK+18, AHM+18, APEK+18, AB+19c, ABB+03, ACE02, AMPS19, AIb+18, AKM18, AKW90b, AKW90a, ABL04, ASA19, AEM10, AY16, BTG19, BK19, BA17, BAJ+19, BDE17, BG12, BLL+19, Bal91a, BDP11a, BG14, BDA19, BLY+18, BvdHN+01, BRR+04, BSOK+20, BBC+12, BKSS02, BR19, BTP19]. using [BRMN04, BG05, BMK+18b, BDG+19, Bi605a, BMP+16, BK06, CT19b, CJP1C, CMX+16, CWD04, CSJN05, CW1D19, CLA19, CSdCM+17, CGMT20, CHJS+10, CHS018, CY12, CPW19, CPK05, CH10, CFL+15, CL14y, CHS11, CWW16, Ch18, COC10, CXC+18, CTU19, CJK+18, CGSZ95, CRC+19, CF939, CSQ17, DRZ+19, DNG17, DP19, DLL+19, DCL8a, DMM14, DNP14, EU19, ECP17b, FE19, FC05, FLT17, FZV+18, FJ18, FdAGdAF19, FC09, FJ18, FZT+18, FAMA+17, FMM+20, FFPS10, FSA19, FCD+14, GQLX18, GXW+19, GHGP19, GJGB19, GHP+18, GHEB+18, GMH20, GBY16, GIL94, GVA+16, GCY+14, GXD+09, GD93b, GGH+03, GGSZ90, GM11, GR5+19, GM1B19, GZQW13, Han19, HWS07, HNO+20, Han03, HJA+19, HSV+17, HUMA18, HCTNT4, HBB09, HSB+18, HMA18b, HYX+19, HNO+18, HQ07, HWZL08, HYX13, HBN+13, HZLH19, HAB+06, HKP10, IDM+16, IdLR01, JFD09, JGFB18]. using [JGB19, JP18, JH16, JHC18, JL14, JNR12, JOSD19, KR19, KZLK06, KHG13, KMB+17, KK20, KLM+03, KMM11, KYYK04, KKP+05, KKL09b, KYPJ20, KAD14, KHO+19, KBdLG18, KFK19, KVHT10, KCH+13, KLV+18, KSLd, KSLc, KLW+16, LC17, LCP04, LLO4b, LQK+16, LY17, LY18a, LYJ10, LZWX13, LXL+17, LJ18, LLW18, LYC+19, LD17, LH13b, LOJ+07, LLLC11, Lin18, LLWN04, LY+05, LAH10, LSD11, LLGY18, LLZ+18, LJJ+19a, LMM19, LSW+19, LAT+20, LYW+16, LLU+18, LPL+20, LKTC14, Lsks9, LJW+19b, LTZ15, MLL15, MWL18a, MSS+13, MJM+16, MK17, MCSS00, MBM18, MVG18, MJ98, MDB+18a, Mat18, MSBA16, MRH17, MC04, MKM11, MDD15, MGA+18, MGLPPJ13, MBA19, MSM+18, MRN19, NKX09, NSI84, NK18, NNC+19, NCS04, NUPA19, NAAC19, OMKM+19, OMD+18, PZC19, PSI19, PSLZ18, PC18a, PA01a, Pap05, PPS18, Pon19, Pri95, PW14, PDD10, QG1X18, QGT+18, RdSH+00]. using [RBGA18, RRR1A9, RIN+19, RLP12, RTH1B7, RSK16, RS16, RAA+19, RGC+10, RKB18, RCD03, RS17b, SCL18, SPT+18, SC19, SKT+08, SB19a, S98, SF19, SAGG17, SPdSR+17, SMRM13, SH99, ST11, SW05, SVC+07, SKL17, SSA+19, SEHS19, SMS14a, SPR+10, SGM11, STB+19, SB18, SSK+18, SAR18b, SSL13, SF06, SCMS12, ScScl19, SHH+19, SRS17, SJ1V12, SSS13, SJSA19, TGJ+20, TBS+18, TZQ16, TM19, TF17, TKA18b, TV16, TSB18, TCH19, UMHB19, VDPS09, VS13, VS19, VSKS19, VBSL09, WLZ+14, WMX+17, WCB+18, WCM+19, WNR19, WY19, WMC19, WMA+19, WBKL16, WDD00, WBF08, WAL18a, WCC14, WST14, WLS+18, WLRL18, Xia06, XLZ+14, XL20, XSM04, YWJ+19, YJA03, YWJ+18, YD05, YLG+16, YSL19, YCZ18, YWF+10, YK17, ZAH+20, ZG19, ZMS+06, ZGZ+10, ZLZ13, ZW+16, ZXW+18, ZGV19, ZZ19, ZZ19b, ZAC+18, ZZS+19]. using [Zin18, dFPFG19, vWMS14, vV89a, vS04]. uterine [PSI19]. utilisation [EPJ+05]. Utility [Pal16, PdAF12, ACHP19, BB12, BYV+09, FP13, GLD+19b, HIA18a, MLS93, MPR+16, NK17, RZ16, VDPH09, Ven09, WBR20, XY15, YVCB10, YK17, YNL19, YNK+20, ZLL17a, GBS10, KLM+03]. utility-based [Ven09]. Utility-driven [PdAF12]. utility-privacy [GLD+19b].
utilization
[uRBIB20, DFC+08, GXL+18, LLC+14b, MDB+18a, NF07, RSJ+14, TCH19].
Utilizing
[GV113, CZL+18a, HFM19, KTY03, SK19].
Utrecht [Bis96].

V [vdR87c]. v.1.1 [MCF+11]. V.2 [CCL11].
V21 [SAH19]. vaccination [BOHCC17].
Vadera [vdR87j]. vague [vdR87k].
Validating [LYT+05]. Validation
[GHGP19, ZYA+18, Hol93]. validations [DC17].
valley [CPMG19]. Value
[AChP19, BT17, HA16, WBR19, BH03, GAYTC18, HPZL18, VVB11, WHZ19].
Value-based [AChP19, WBR19, VVB11].
valued [MZH+17]. VANET
[BÖ02, HHZ19, SBK18]. VANETs
[BQI+20, HAA+20, IOV+18, LWYS18, PRL+19, ROK19, SAH19, TA18].
variation [ASB18, HJA+19]. Variable
[SCCS11, DRZ+19, FZT+18, RNK09].
Variable-sized [SCCS11]. variance
[DHS99]. variant [JCSS01, ZXWA18].
variants [AAYL19]. variation
[BBI13, CPK05, CCL+20]. variation-aware
[CCL+20]. various
[DGA18, HWQ+20, JOPW14]. Varrier
[PSG+06]. varying [BH03, Li15, LQN20].
vascular [ZS05b]. vault
[KHMB13, RHH+16]. VCPU [WCC+16].
VDB [YW1+10]. VDC [SLB+17]. VDM
[BHH91, BHH92]. VE [DBA98]. Vector
[CCZ+19, LFVV05, VSvD95, CLY14,
HBCR01, HAA+16, KI19, KCK04, PM04,
PdLS+99, Z515, ZWL+16].
Vectorization
[vM04]. vectorized [LN94]. vectors [BB04].
vegetable [LZL+20]. Vehicle
[SAH19, BBC+99, DOV01, DJH+19,
HDC+94, LLL+19, OVDV98, TLL+19,
XHW19, XZZ+19, HLL+19].
Vehicle-Assisted [HLL+19].
vehicle-to-vehicle [DZH+19]. vehicles
[KMJ18, MND+19, HAJ+19, JBM+18,
KLMB19, KLJS19, LWZ+19a, LXF19,
NLS19, WDW+19, XXQ+19]. Vehicular
[KMJ18, KMR15, RQN+19, WSQ+18,
BK16, CLQS20, FW19, LZY+19a, LLYW19,
LLW+19b, NLLC19, SGGR+16, VCD+18,
WLZ+16, WSZC18, ZTKX19, LWW+16].
vein [LWF+17]. velocity [HYRZ20].
velocity-aware [HYRZ20]. vending
[SDD17]. ventricular
[AFO+18, DNW+19]. VENUS [Mur86].
Verifiable
[ABH18, CZZ+18, LLL+18, NBJ19, KKL09b,
WCL+17a, WLXZ18, ZZ15]. Verification
[KYZ19, BK19, CY12, CWUS19, CMVA18,
DL19, EPB18, FLT+19, Hol93, LPMY18,
LYZC15, LEW19, MKM11, NR1+19,
SWL+20, TYH04, ZDM+19, ZZ09, WZ10,
dLLA93]. verified [HKA+18, HHXL13].
Verifying [AH11]. Versatile
[HTV07, SBD+18, ZWX+19]. version
[HL95, LFVV05, QCY17, ZTD+16].
versioned [ED16]. versioning [HDO16].
versus [BVDF00, BM00, FLN+18, GJS+94,
MGMT18, NHT06]. vertebroplasty
[WWP19]. vertex [GL95, WMC19].
vertical [FJL+16, KAEC+18, LLF+18b,
MCdA16, TM20]. vertices
[LXM+18, WCM+19]. Very
[Klo05, CWJ+18b, GLA88]. VHSIC
[Ano86m]. VHT [MYBMM18]. VI [HO02].
via [ATA19, AkB+19, AS18b, BO20,
BBH18, BCCN18, CZL+18a, CZY+19,
CWUS19, DH16, DGA18, FBM19, GCBM17,
GDP+18, GLD+19a, GFJ+12, GDAS18,
HHG05, JHC10, LZT+19, LLSL18, LEW19,
MZH+17, MBC+11, MIA09, MYK16, NS19,
DLS14, QCY17, RGM+19, SC16, SYJ19,
SAG19, WZW+19a, WJLW18, XFTZ16,
XLL+18a, YHH+19]. viability [dACAM13].
viable [HCK20b]. VIALCTEA
[SVB+19]. Victoria [PWB+13]. Video
[ASPB03, BEB+20, GFR+06, TWZP18,
DQXW19, GGH+19, HKU+11, HSP+13, HMA+18a, JLCC12, JHL+06, KWK16, KSK+11, KSW+13, KHO+19, LYS12, LYXT14, MYK16, PSPP16, SKF+11, TLC+20, TZF+19, WWC+97, YARH18. video-on-demand [WWC+97].

videoconferencing [WWC+03]. videos [HWWT12, KY04, SLTK19].

videostreaming [PK08]. VIDIA [SG19]. view [AD18, BTP19, DCMB15, LYS12, LTZ15, QCZH19, VS04, YCAS03, ZTC15, AD18, BTP19, DCMB15, LYS12, view points [PD11]. VIGO [ACC+05a], violation [HHS+18, OWX19, XWL+18, ZAC+18]. violations [ENC+12, NJH+18, NHH+19]. Viper [WPGRN+18]. Virtual [ACC+19c, BDF+99, BKS98, BCF+10, CCBR98, CFVP12, CT09, CHK98, DBdL03, DGS09, DFG+00, DK17, Dzw97, Kaa98, Kaa99, KTY03, KGX95, LYY+17, LPBB+18, MSR98, MG10, PBM95, Rout00, RCTY19, SSFRR19, SOR05, SM01b, SBP+17, WLL+19b, ZLL+16, Zin00, ACC+05a, AKB+01, AD19, ASTEP98, ABAJ20, ADA+19, ABF+15a, ALM+10, AAM+16, AS14, BJ12, BOWD+19, BGH+03, BBSV92, BLRS98, BFC02, CGN18, CRM+16, CM01, CRC13, CVdRA+20, CCL+20, CNR19, dCCDF015, CN98, DJZ+15, DSS+09, DBA98, Dho20, DEG+17, DQLW15, DCMW17, Dua94, EGGAQ90, FBM19, GVI13, GRPL04, GCV+14, GFGB03, GGH+19, HM17, HZH+14, HH19, HRJ+06, HSC15, HHZ16, JNR12, JDW+14, JSS+99, KSSG16, KTKN11, KCS14, Lee04, LJS17, Li10, LJJW13, LYYY18, LLF+18a, LLWW18, LFHQ19, LRS19, LZL+19, LZZL20, LLS+19, LJY10, LJL2, LSYC18, LC13, LSW+19, DPBK16].

virtual [Man15, Mar99a, MRT+19, MSK03, MK19b, MFG+14, MROD10, NWT19, PADD03, PFPJ18, PSG+06, PON19, PHM+99, Ram95, RL98, RMM+98, RJH+09, RMHM17, SS13, SB14, SDWS13, Sch98, SHLJ13, SMSF18, SAK+10, SUD+98, SYAL13, SLA+16, SLZ+18, TMMVL12, TDG+06, UZ11, VVB13b, WQG15, WTM+17, WY19, XJWW15, XWX+17, XZK+20, YLHJ14, YPLZ17, YWF+10, ZYZ+18, ZCS+16, ZWHC17, ZHHC17, ZFY18, ZZZ17, ZLZ+10, vVDBB98, EV98, HLC16, LWW+13, SB99]. virtual-to-physical [ABF+15a].

virtualization [CMG+19, FJJK17, KKB14, LLL+12a, LCL14, MG19, MSI+12, SVN+10a, SWW+18, VOS12, WCC+16, YCL+19, ZLZ13, MC19].

Virtualized [BB17, ACC+05a, ASB18, BJWZ08, BSO+20, BdM11, BBC+12, CP17, FNCR11, GKW+12, GSF+17, JLI+13, JKL17, LC13, PPL+15, TTB+13].

vi rus [LFL+17]. vi sa [GWO03]. visco [Ned06]. visco-plastic [Ned06].

VisGenome [JHC10]. Visibility [BHE+19, DS04a]. Visible [PKC19]. Vision [AUSA19, BYV+09, CCKW88, GMLGB+17, GBMP13, LPK94, Shi85]. visionary [Pin87]. visit [Koa86]. Visual [DM12, Ram85, ZIOT+20, AGdT02, ATJMZ02, ADLM18, BCD+18, DB99, HHZ16, LSZ+18, LDX19, LXY+14, MSA+18b, PC17, PKA19, XJY+18, ZLD+03].

Visualisation [PB05, CTM06, DMM+99, ZAP05].

Visualization [GLW99, GLS90, LRC+06, MJ98, Pag99, YDK11, DLR+09, DMMP98, EWG99, EdBG+99, HAB+06, IdLR01, LGH97, LYFZ20, LPS05, MID16, NOF18, OPO13, ODC19, PSG+06, PK08, PdLS+99, RvdSB+03, RJH+09, Rum99, SBdL06, SHN10, Sch00, SUD+98, TWC+06, Tak05, Wes99, WCKW10, ZCW+04, ZCS20, dKdOS03]. visualizations [Gra15].

Visualizing [BAPS14, CTF+99, DK00, GRMSOG18, SW99, BGC+03, DIK+06, PDK10]. vital [HYC+18, KBKA18]. vital ity [LFL+17].

vitro [Kar01, SUD+98]. ViVa [Hol93]. vivo
[Kar01, WXZ+18]. VizieR [OFO+99].
VLADYMIK [LC04]. VLAM
[BGH+03, HBJ+03]. VLAM-G
[BGH+03, HBJ+03]. VLB
[CHJS+10, WWD+14]. VBL_UDP
[CHJS+10]. vlibGRID [HIJPS03]. VLSI
[BS84, KA88, OBA88, SAS85, TR85, VS88]. VM
[AB16, CJJH13, CFW+20b, CFF14, FCY18, HZW+16, JPFZ17, KSF+13, LYY+20a, MYW+19, STMV18, SSSJ19a, SE19, WLA18a, YZLQ14, YJL18, ZJZ17]. VM-scaling [AB16]. VMI [LLF+18a].
VMM [AD18]. VMP [JNR12]. VMS
[KMT14, SEP19]. VMSLab [GRPL04].
VMSLab-G [GRPL04]. VNF [CYW+19].
vocabulary [LYXT14]. vocal [AHMS18].
VoD [LYJ12]. VoIP [Che13a, YCYX05].
volatile [CCL11, MSZ+20]. volatility
[Lin18]. voltage [LG16b, WWZC19].
VoLTE [ZZXH20]. volume
[Ano85b, Ano86a, Ano87d, Ano89a, Ano90a, Ano91a, Ano92a, Ano92b, Ano92g, Ano92i, Ano93a, Ano93i, Ano94a, Ano94g, Ano95a, Ano95h, Ano98a, Ano03a, Ano03i, Ano05f, EWG99, HH98, LGMV02, PF99].
volumes [Ano94b, WHMO13]. volunteer
[ALR16, CGCB+12, CMT16, CCCT14, GDJ+13, GJ15, JCA+19, KJ12, KMV+15, MKK13, PaASM18, SH99, Sar02, SG13].
VOMS [ACC+05b]. Voronoï
[KS02, LGMV02, STA17a, WZW+19a].
Voronoï-based [STA17a]. VOS [KKK14].
voting [Din03, KAK20, ZCZ+18]. VPN
[MS12, vdPGZ+16]. VR
[EMB98, Kaa98, MSR98, SSH+19]. VRML
[Zin00, AD00, AV00, Avg00, IdLR01, Jon00, MkJ8, MJ00]. VRML-enhanced [AV00].
vs [BCH+08, Ger02, JGV+18, NLCL19].
VSA [SLLJ13]. VSI [HM19]. VTK
[WKFO03]. VTK/CAVE TM [WKFO03].
Vulnerabilities [YS16, GYHK18, GGC18].
Vulnerability [LKCS18, GMP20, NJK1H3].
W [vdR87g]. W3P [FKOC11]. Wafer
[AKW90a]. Wait [Ray05, BB06, BKY18].
Wait-free [Ray05, BB06]. wakes [SDSP04].
Wale [DSS19]. walk [MLW+18b, ZSFZ19].
Walker [vdR87g]. walks [LXM+18]. wall
[NRR+15, KID+16]. wallet [WLGL19].
wallets [VSM+19]. Wallis [MSA+19]. walls
[YDK11]. WAM [CY88, CYB90].
WAM-based [CY88]. WAM-Plus
[CYB90]. WAMM [BFL99]. WAN
[SISGS18, TDG+06, FZ1Y18]. wandering
[Ciu10b]. WANs [GCH+05]. want
[VSM+19]. wardens [MWCK19]. Warning
[ZPPE17, VMN+18]. warp [ZXL+18].
WASAM [AL14]. wasn’t [DA18].
WASPAS [GSKS20]. wastewater [Mae89].
watchdog [ABF+15b, JXC+19]. water
[BNJ16, Ig04a]. Waterman [Zem86].
watermark [PVSS17]. watermarking
[AIA+18a, AIA+18b, AM+19, AM19a, BW13, HKA+18, HPL+19, RS17b, SKS+18, ZSMS18]. wave
[Fin99, GCK98, Kni89, Sap88]. WAVE-1
[Sap88]. wave-turbulent [Kni89].
wavefront [MAPA19]. Wavelet
[KKB+19, KKV+99, SMC99, BWR12, BW13, GHEB+18, KU01, NUPA19, WLZ+14].
Wavelet-based [KKV+99, SMC99].
wavelet-time [WLZ+14]. wavelets
[PRW14]. waves [GPH+94]. way
[ABMMC18, ABF+03, dRADFG18, GFW+18, HM98, LAQ+19, WDR+19, YG18, YCH19, ZZJ17, SVB+19]. WBN
[GCK18]. weak [WYZ+20]. weakening
[CWL+18]. weaker [Wan18b]. weakness
[JLS19]. wear [WZS+18]. wear-aware
[WZS+18]. wearable [CRRC18, CRC+19, DP19, GRX19, KU19, LNY+18, PSW+19].
weather
[LCL+18, WSH99, ZXL14, PSP+09]. Web
[CAST+16, LKA+19, Opp00, YPF05, AAF18, AS19b, ACPI19, AAI+19, CFM19, CSM19, FTH16, HC17, HK18a, LPMY18, LXL+17, LYS+19, MCT+15, NWT19, NK18, Qub04, RW18, SB19b, ZJW+14, ADN06, AKMK05,
ATF11, AFP07, AMW99, BJA+05, BKKW99, BRxS11, BDF+16, Bru01, BCMA07, CMZ+12, CAC+10, CWD04, CBK+01, CSL17, CGL+10, DCS+07, DMM+11, EKB00, FD12, FKO+11, FCD+14, GP11, GBE00, Gra01, HZC10, HAAF99, HAF00, KS11, Lan00, LLMP13, LWHC07, LJ07, LLKF09, LASL16, LC03, MCSS00, ML11, MJ06, Mar98a, MSX00, MGL+13, MPP+09, NXX09, NMA00, OF07, OV+09, PO00, PPSS06, PPA+99, PFS+13, PBB+05, QQ08, RHM+14, SH99, SMA08, Sh+00, SGM+07, TGM11, VSP+14, WCVL12, XLZ+14, XRPT18, YMLT13, YAO14, YMM00, ZCW11, ZWW+13.

web-based [FTH16, AMW99, Bru01, CBK+01, DMM+11, GBE00, Gra01, LC03, MCSS00, MJ06, Mar98a, MSX00, PPA+99, SH99].

web-centred [LASL16].

web-resource [CFM19].

WebFlow [HAF00].

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