A Complete Bibliography of Publications in
Concurrency and Computation: Practice and
Experience

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

04 March 2022
Version 1.57

Title word cross-reference

(1, |N|) [KK21a]. (α, k) [LXW17]. (PU)^2M^2 [CSL+18]. (σ, τ) [KKM21]. 0
[SSIH19]. 1 [SSIH19, VDL+15]. 16 × 16 [TPGC15]. 2
[CCW06, PDC16, QMC+20]. 2pq [CL14]. 3 [ACIC+13, Boc19, CSMK19,
CSL21, CPE+19, DCG11, EMEY14, FAM22, GBB22, KSM+08a, LHW20,
MBP16, MCY+07, MJL01, OLG+15, PSLC11, PSCK+15, QSZL18, RWK17,
TLH+22, TTR+10, W5+18, YBC+07, ZLKK17, ZQW+21]. 5 [AVS+19]. 2
[LLR+21, RJ22, YNX+16]. TM [YL01, ZJKL10]. 2 [xZlGCzJ20]. n [LSP15].
\tau P [LTK17]. c [HW16, KSS21]. \ell [DHV03]. G(d) [WCA08]. \gamma [YMZD21]. K
[LFZ07, NJ21, RP21c, SS19c, B21, CT21, DHV03, FYH+21, GR13, KH12,
PGL+17, TLX+17, XLL+18]. \leftrightarrow [GRW+19]. LU [DFLL14]. N
[BDH15, CGK14, FHH+20, GGV14, SSB+14, TL14, AS15, LLRS19, PGL+17,
PDCA17]. n/2 [XHST20]. s [PGL+17]. t [HJM+11, WSL+20]. t/k [XYL18].
x [IR11].

1
3

77 [AL04].

8 [CLWX21, KS19c, SAdB+16]. 802.11s [BOB13]. 802.21
[WCLH12, XLXZ20]. 8th [LB19].

9 [YKW20]. 90 [FSPC+02]. 90/HPF [FSPC+02]. 95 [vWAH+02]. '99
[TM01]. 9th [WCWB19].

[SKB+20]. AAA [BT18, MML+17]. AAA-based [MML+17]. AAA
[WBB+07]. AAH [GGQ16]. ABC [BPL12]. ABC-GA [BPL12]. abnormal
[GBXL17, SRR19]. abnormalities [OE22]. abnormality [LFW19]. abort
[ASP19]. ABS [SAdB+16]. absorption [WWY19]. Abstract
[MdAA+21, AHMO6, CTY15, DWC09]. abstracted [PYC+20]. abstraction
[IAH+15, JMF09, dCJAAdOD21, LFG05, OKW18, PMC+21, RF21, SGM18,
WP12]. abstractions [VS02, VFAD18]. abstractive [CKL20]. academic
[RT21]. Accelerate [YXLZ16, FBV+13, MTHK14, STH+20, TSL+19].
accelerated
[ANPR16, BDW14, CGK+16, CMMB13, CP14, DCD+14, IOOH12, JLL+16,
LZL+17b, LS15, LYT+20, MCB14, MPSGD14, NSN+17, PGdCJ+18, QSS+17,
RK15, SBC15, SKSP20, TDM+15, TPT+18, ZWL+17, ADK+16, MM21]. Accelerating
[AdCPdSD17, BABS21, BKLH09, DFTDH18, DMC+18,
DCK12, EDB+14, GC19, KW18, KHFP+17, LL16a, MGO+17b, NNH+14,
PRCV16, PSV19, RCA+11, SJJSVR17, SNK+15, TB12, VCFZ20, WKB+19,
YKW20, ZCD+12, BP17, CCO15a, GCF+20, ISO+14, PPdSTB17, PVP+20,
QMC+20, SAD13, SIOS02, ZDL+22]. Acceleration
[Z014, ABG+13, BYDC19, JPL22, KC13, KPNS18, PZ11, SSN21, ZAB+19].
accelerator [ALB+20, GS21, PSS+19]. accelerator-based [ALB+20].
accelerators [ADF+13, BKS+15, BHKW12, CGST17, HJB12, HCKF15,
RZVC21, SRF13, YOB516, ZSC+21]. accelerometers [ZZL+18].
acceptance
[ALL+15, HLA+18]. Access
[AK01, RCB+04, SW11, Agr21, AFGL09, AAD20, ATKH+17, AC02, AV07,
AAS+07, BDI+07, BHA+15b, CSL08, CJC+18, CLH+16, CLC+20, DFC12,
DKMV07, EL22, GvHKK11, GBSHA01, JRS+19a, JSG17, dCJB20, KKDS19,
KF+06, KW21, LZW13, LLS18, LCMY13, LYT+20, MLL+11, MTGZ17,
MCB14, MD02, NET21b, OTG+07, PP20a, RR01, Sch04, SKNH09, SSO7,
SW12, SCLK15, TYYH12, sTzNL16, WLW11, WYSB16, WFKS18, XHH12,
XGL20, XWZ+20, YBO10, YSS+21, YF20, ZYN+07, ZWX16b, ZZL+18].
access-control [dCJB20]. Access-controlled [RCB+04]. accesses
[KHPH20, LPC+14, NPY19]. accessible [OK15]. Accessing
[GKP+09, KKM20, Wit10]. accidents [DWZ+20b, DWY+21]. according
[YY22, gZWL+20]. account [RSP17, VS19]. accountability [P121].
Accounting [GJD+08, HGT14, MAS+14, NSKS21, SAC+07]. accounts
[WBB+07, ZWL+20]. accumulator [LZY+16]. accumulator-based
[LZY+16]. **accuracy** [Aka22b, DFLL14, EMEY14, QLZX19, TLM17].

**Accurate** [BCK+09, GW15, SM19a, WLF19, Xu19, AAF+07, AKUA22, FOTW04, GQR16, HTWW19, KK21b, KD19, LLC+22, MCC16, NBS+22, TCP+05, VB16, XYLW21]. **accurately** [VŠC17]. **ACES** [Run10]. **achieve** [CAG+13, PQP13, YLLZ09].

**Achieving** [CLW+19, CBPP02, DPP03, DFLL14, SSZ13, WLW11, ZYN+07, XTLG08].

**ACID** [CEMR19]. **ACM** [Fox01, Fox05]. **ACO** [KS20]. **ACO-based** [KS20].

**Adaptable** [CZL+17, dRL10, FPXM21, LGM21, ML19a, PG0+04].

**Adaptation** [LLH+09, RCR+15, AAHWR04, ALR22, GFBR10, LW05, MvNK+06, RS21, RWK17, VGDF22, WO02, WRC09, WFHT17, WFHC21, XLT+17, Zhu18].

**Adapted** [SB21]. **address** [ADK+16, CXW17, HKS+12, WHX19, ZDB+14, ZSC+21].

**Adagio** [Aka22b, DFLL14, EMEY14, QLZX19, TLM17].

**Add** [AFA+09, BWJ14, FDLL14, SM19a, XWL18].

**Adding** [SRN+15, vRS05]. **address** [AK21, Den07, DK19a, IHB15, KABD07, MTM19, NAR+22, PY19, RSA21, RSS20, Shu18, SK17, TT22, WXSH19, YWM+10]. **ad-hoc** [AK21, Den07, DK19a, IHB15, KABD07, MTM19, PY19, RGKK21].

**AdaBoost** [DBD22]. **ADAGE** [YR15]. **ADAPT** [WBZ21].

**addressability** [DT15a, RK21b, SPSNvS07, ZBZH11].

**Adapting** [LBTE14, ZYH09, KL02].

**adaptively** [LPSF11, PWMX16].
AL-DDCNN [CZQ17]. Alamos [WJLD09]. alarm [WML+19]. Alchemist [GRW+19]. alert [RCM12, WZZZ12]. alarming [VZB19].

[ADI+14, BHL+09, BJH+16, BLL18, CGGH17, GCF+20, HLYD12, HV21, KLD10, PHCR09, SD15, SLB08, SB17]. Algebraic

[BFZ+17, BDE+19, ODS+13]. algorithms [CMD11]. algebraic [MQQOH01].

Algorithm [PI21, WWG21, AB20a, AZM20, ABEEh20, AMAT22, AA16, AA21, ASL20, ABA22, AS17, ACGG06, A2021-38, AB21, ACCM17, AMA22, AHNH21, BB21, BY12, Bao19, Ben21, Ben22, BKH08, BY12, BLY20, BND16, BDF15, BT04, BDH16, CGW+20, CHP17, CMS+19, CNE22, CMDB13, CDC12, CYQ+20, CWL+21, CWL+22, CCW+15, Ch20, CEM+17, CD+17, CZ21, DCM21, DMS+21, DCJ12, DBD22, DS21, DHO+20, DS19, DS22, DG21, DR20, DCC+18, DWZ20a, DWS07, DLM13, Du18b, Du18a, DWZ+20b, DCWM20, DLC+21, DJGF21, DPSJ22, EN19, EB21, EN16, FHT13, FTT15, GZG+16, GKC+22, GLI19, GM04, Guo19, GAS19, HAS17, HZHP09, HSL19, HYG20, HCH+21, HHC+22, HBD18, HD13, HMK21, HXZ+22, Hua20, HFH+21, HW16, IAA20, ITO21, JC07, JSA+20, JPL12, JM22, JLH+16, JKL18, JSR19b, JKV+15, KRKM22].

BHK08, HSL19, HYG20, HCH+21, HHC+22, HBD18, HD13, HMK21, HXZ+22, Hua20, HFH+21, HW16, IAA20, ITO21, JC07, JSA+20, JPL12, JM22, JLH+16, JKL18, JSR19b, JKV+15, KRKM22].

algorithm [KK21a, KV22, KBDA19, KÖ22, KA16, KA21a, KS22, KH12, KFCL20, KEMZ22, KHH13, KJHM21, KKM21, KKW+14, KK22, KKY+17, KT19c, LLM19, LSW+21, LSSQ22, LZZ+17, Li04, LDZ14b, LH17, LXYC17, LHHJ18, LWSZ19, LTB19, LS20, LSW+20a, LCZ+20a, LFW+22, LHH+15, LJP+21, LZZC1, LSC+21, LXYC16, LZBF17, LC18, LM+18, LHZX19, LWP19, LZY+21, LAC21, LZZ+22, LZZ+15, LYG+21, LLQL14, LHL+20, MS17c, MTK+21, MT19b, MS21c, MKK04, MCCD18, MLRR09, MC20, MLY17, ML+10, MNL15, NKKM21, NIIU17, NLB22, NSBT21, NJ21, NMS+21, OAS+15, PLY13, PN19, PWH18, PZD+21, PCF+17, PCT04, PL21, PSCK+15, PV15, PZ17, QSL18, QLXQ19, QW17, RP1a, RP19, RNJ17, Ree01, RSM01, RZCA21, RVVP+17, RIWS17, SAPC21, SEDA+22, SAB15, SJVR15, SRG+22, SAD13, SS22a, SBC15, SSB15a, SMM18, SIS19, SMR21].

algorithm [SEM+20, SCP20, SZ18, SZqWZ20, Shu22, SR17, SdSL18, SG18, SZ19, SCL+20, SM19c, TZK16, TNIB17, TJ17b, TJ17a, TYL+15, TLX+17, TJD+17, TW+21, TAB21, TÖK21, TRW07, US12, VP22, VG21, Vio03, WBD+19, WRJ20, WLL15, WBZ10, WJ12, WZJ13, WCR+14, WZS+15, WJYH16, Wan18a, WF18, WZNL18, Wan18b, WLF19, cWSTH19, WW19, Wan20, WLJ20, WZHL1, WSL21, WZL16, WLLL20, WNL21, WLL03a, WLL03b, WRD213, WZYG19, WCG21, xILYGX21, XLY18, XLG19, XLZ20, XMJ17, XGC+20, XLC1, XWW+21, YGW17, YWL+17a, YWLQ18, YZYT21, Yan19a, YYZH19, YLL20, YYC+19, YT19, YXW17, YZ19, YL19, Yu21, YuC22, ZW09, ZTM21, ZY12, ZQK15, ZYW+16, ZWX19, ZGZ19, ZL19, ZXC+19, ZXM, ZSX21, ZGLS21, ZLTX19, ZWXS19, ZLW+19, ZZZX19, zYW+21, ZZLZ21, ZYLT06, ZFJ16, ZQW+17, ZCH+18, ZLYY18, ZFXJ19, ZCL21, ZWL+17, ZHW+20, Zhu21, ZS+21b, ZLC17b, ZDX12, ZGH+22, dARP17, dCRS11].

algorithm [sCR19, KAA19, LSL20, YI21c]. algorithm-based [VG21].
Algorithm-II-based \cite{Yil21c}. Algorithmic [SKK01, WS17, WS19b, BGV′+01, KTU′+21, WS21]. algorithms [DJF21]. Algorithms [BJ18, CGBNM17, Fox10, GW19, HK21, KLL′+21, LM20a, SNM15, ABZS20, AK21, AJY′+15, ABD09, ALMT19, AMVOSGAC17, AT′+17, AMS17, ABRD13, AT′+18, BLY′+17, BLC21, BEDK18, BF22, BB12, BCM15, BDTdS13, BDH18, CDA09, CCCR21, CMVRRVGI17, CCTW11, CCP′+15, D804, DLT′+16, EOD′+19, EAGVBD11, FLYL16, FLMR02, FRK12, FAM22, GYM14, GLM′+16, GMN21, HLYD12, HT′+15, HR06, HYT′+21, IROvdG13, JdM12, JM07, JKZ03, KRW17, KNM21, KK21b, KHZN06, KC22, KR04, KA21b, KA22, KR11, LLMK18, LW′+20, LF17, LW06, LHPG21, LH′+17, LK′+19, LB11, LLY19c, MB17, MSD′+18, MLHC′+05, MTK16, MQE21, MJL01, MS22b, MB14, MLZ21b, OO18, OO21, PVP′+20, PKM21, RAK22, RTMZ13, RB17, SRS16, SS′+20, SGM18, SER15, SV21, SFH13, SFT15, SS′+18, T21, TMZ07, VS02]. algorithms [WXLD21, WSL′+20, XTB17, YCW08, YGZ′+21, xZlGCzJ20, ZX21a, ZL12, ZLZ′+17]. algorithms-by-blocks \cite{IQOvdG13}. aligning \cite{SL14, ZWL′+20}. alignment \cite{AMHC11, BS04, EASR22, LLB04, LS15, PQKDT21, SRF13, STH′+20, TDL′+18, ZCL′+18]. alkali \cite{WYY′+19}. all-pairs \cite{SSB′+14}. all-path \cite{XZL′+20b}. all-to-all \cite{HR18, JKD19, ZJKL10}. allies \cite{LDZ′+19}. allocating \cite{ME08, PBK19}. Allocation \cite{HJTX17, ALBZ21, BHD13, CA06, CCSS10, CLL′+19, CFTT17, DR21, DSC′+21a, DFPT06, EdPG′+10, FXX16, FPXM21, GEJ′+08, GZ′+20, GMSM21, GS04a, ITK09, JW21, JL10, Jon09, KRKM22, KS22, KS20, KZY15, KZY′+18, LBV16, LC09, LDPZ14, LYF′+17, LB21, MS17a, PLC′+19, RPK08, RZCA21, Sha15, SS18, SN18, SKJ17, SDSL18, SZJ21, SPPG20, TAMC19, TS21, TAB′+06, TXZ′+17, TSBR10, VDB09, VGN′+16, WRLS12, WHX19, WLCW20, WGY20, XLZ21, YC10, YCL11, YCC′+19, YPLJ11, YL01, ZJI13, ZLZ′+15, ZWMT12, vdKEL10]. allocations \cite{CYK′+21, SB17}. AllReduce \cite{NWT21}. Almost \cite{LLO08, BK05, LFH20}. almost-whole \cite{BK05}. alphabet \cite{LAE′+22}. Altarica \cite{WSL21}. alternating \cite{ZF18}. alternative \cite{BK05, BU07, ELM′+16, KUL14}. alternatives \cite{AM01}. Alting \cite{WBM′+10}. altitude \cite{ABK′+18}. Alto \cite{DC19a}. ALU \cite{NK19}. Amadeus \cite{PB08}. Amazon \cite{MSL′+14, MDH′+16, PRNM19}. AMBA \cite{MS10}. Ambient \cite{dM17}. AMC \cite{CCW′+15}. American \cite{GG07, DC12, HLCW15, PW12, TZH12}. among \cite{BFU07, MIO17, RDB22, YLY′+22}. amount \cite{LYI′+20}. amplifier \cite{SM19c}. AMSBA \cite{PIGK16}. AMULET1 \cite{The01}. AMUSE \cite{LDS′+08}. analog \cite{SBB21}. analog-based \cite{SBB21}. analyses \cite{BAD′+11, DZ13, SMBT07, TCH′+13}. Analysing \cite{LLT09, Sch04}. Analysis \cite{Aio21a, AM07, CLZX10, CLW′+15, DXWC16, GHMX13, GG07, GGR′+10, HLYD12, KNT′+01, LMGZ19, MFG′+13, PP13, PB19b, SHZ20, ULS03, YYYL19, Yan19a, YF20, AEKC20, AA16, ABF′+10, AMRH21, AFB′+10, AAK′+21a, Aia15, AOCAQ21, AS22, AMP′+21, QAAR′+17, AAF′+07, ...
Ano06, Ano21b, AAV\textsuperscript{+}15, AYB21, AAE\textsuperscript{+}09, BZEM20, BH16, BMV03, BFR05, BCD\textsuperscript{+}02, BEQOR13, BFVM\textsuperscript{+}21, BAR21, BBdS\textsuperscript{+}17, BBK11, BSP11, BR04, BFM\textsuperscript{+}06, BFVRC15, BWS\textsuperscript{+}21, BPB21, BAG17, BPD06, BSB\textsuperscript{+}03, CML\textsuperscript{+}10, CEH\textsuperscript{+}06, CLLB20, CGK\textsuperscript{+}16, CGST17, CV07, CGBNM17, CDS15, CSBL12, CGIP16, CLE\textsuperscript{+}20, CSL12, CM20, CWMZ06, CA06, CKC09, CG17, CN02, CDP\textsuperscript{+}21, CDN\textsuperscript{+}21, CBK11, CPSM13, CM18, CSWB11, DJM12, DK21, DFT06, DHH\textsuperscript{+}13, DVM07, DvNM\textsuperscript{+}11a, ET15, EPB14.

applications

[EMS11, EDSV09, EFY17, EDBS08, EABVGV14, EMS15, EJF\textsuperscript{+}16, FBH\textsuperscript{+}01, FE17, FT06, FNBS16, FO18, FS18, GFB10, GBB21, GMS\textsuperscript{+}21, GMSM21, GLS\textsuperscript{+}19, GTA10, GWC\textsuperscript{+}11, GMK\textsuperscript{+}21, GQ21, HJJ\textsuperscript{+}19, HS19, HFDJ10, HKS\textsuperscript{+}12, HZY\textsuperscript{+}21, HT21, HLHC12, ISO\textsuperscript{+}14, JOC\textsuperscript{+}15, JAC\textsuperscript{+}21, JCK\textsuperscript{+}13, JKL\textsuperscript{+}17, JZZL06, JK06, KMBR19, KAP20, KTR11, KQR17, KKM06, KIK22, LBOE18, LBTE14, Lan17, LBG20, LHL10, LL05, LPH09, LWS09, LDPZ14, LHHJ18, LZZ\textsuperscript{+}20, LMX\textsuperscript{+}18, LLL16, MHW16, MHSJ16, MMMP01, ML19a, MKIO04, MLC04, MBC\textsuperscript{+}14, MCM18, MMR21, MSS16, MDD\textsuperscript{+}16, MKO\textsuperscript{+}17b, MCSML07, MK15b, MT09, NSBR07, NDT\textsuperscript{+}16, Not16a, OSK\textsuperscript{+}01, OK18, Ogi20a, OO20, OLFF21, Par02, PWWR05, PPM\textsuperscript{+}20, PS05, PTL\textsuperscript{+}16, PFC\textsuperscript{+}09, PRV11, PSS\textsuperscript{+}18, PK17, PH12, PB16, PIGK16, PSI16, QC17, RRR11, RBB12, RMCN07, dRRdCRR16, RTM13.

applications [RMG\textsuperscript{+}10, RM11, RO12a, RO12b, SV22, SRS16, SM02, SAB22, SQM20, SV09, SAB15, SFLS04, SRM\textsuperscript{+}15, SG16, SIOS02, AAD\textsuperscript{+}16, SHG\textsuperscript{+}07, SCBH09, SM\textsuperscript{+}21, SCH22a, SF16, SGV12, SM09, SD11a, SFH13, SFT15, SS15b, SE01, SK18, SK20b, SK21b, SKRS21, SRS\textsuperscript{+}21, SCL15, SZXG19, SVN12, SM19c, TKB09, TTA20, TLS22, TCDMR\textsuperscript{+}17, UR04, VDB09, VBB06, VCP16, VP22, VFAD17, WL11a, WAD12, WMC17, WLF19, WT10, WK07, WJJS18, WMDM07, WCL\textsuperscript{+}10, WSW12, WCSS19, XXL17, XYLW21, XYS17, XZQ20a, YSL\textsuperscript{+}21a, YT15, YYC\textsuperscript{+}19, YY20a, YK10, YJZ19, Yüc22, YL01, ZBP06, ZBE17, ZBM18, ZP06, ZP19, ZYL10, ZHX16, ZZ17, ZWL\textsuperscript{+}19, dCGK06, VHMB08, GTGT11, HF17, LTL\textsuperscript{+}17. Applied [ST21, WT15, ASA\textsuperscript{+}21, DBH\textsuperscript{+}17, DAB09b, JC21a, JZMD19, JKD19, MCB14].

apply [EMS11]. Applying

[AMVOSGAC17, BHD13, CAG\textsuperscript{+}13, CBP\textsuperscript{+}04, CKBB14, GRO19b, KW11, LWW06, MCY\textsuperscript{+}07, SGSC08, VSKK09, dCHMJ12, ASG\textsuperscript{+}08, sCR19].

approach

[AM22, AOK19, APD22, Air17, AZI20, AARRW04, AR16, AMSS15, AML\textsuperscript{+}15, AAKO18, AMP\textsuperscript{+}18, AJ21, ACCM06, ACC\textsuperscript{+}20, AMSS21, AT17, AR22, AMS17, AMM\textsuperscript{+}20, AYK21, AHT\textsuperscript{+}20, ADD\textsuperscript{+}05, AUHJ21, BAA18, BBG17, BF22, BTCB16, BBLH21, BB\textsuperscript{+}20a, BPL12, BD21, BJWY20, BKA\textsuperscript{+}07a, BAO19, BPS19, BCC\textsuperscript{+}05, BJ17, BN21, CWZL13, CLW\textsuperscript{+}19, CF21, CAC15, CLMM12, CCP21, CG10, CKOG10, CYY22, CLYC16, CCLP19, CH19, CL\textsuperscript{+}21, CW22, CWMW15, CLZ\textsuperscript{+}17, CLS14, CHH18, CMLL21, CL07, CCD\textsuperscript{+}20b, CNY21, CBP\textsuperscript{+}04, DBD22, DSI11, DMRS15, DGA\textsuperscript{+}10, DED07, DBK21, DAB09b, DS15, DPSJ22, ELM\textsuperscript{+}16, ES09, EDB12, EAGBVD11.
approach [KBP20, KB21, KT19b, KF18, KHZ15, KP21, KHKV17, KTM09, LMGG20, LCSR21, LV16, LW+15, LHZ+15, LWT+16, LGQ+17, LZW17b, \(\text{LYL}+15, \text{LKY}+15, \text{LPQ}+08, \text{LSL}+17, \text{MJZ}17, \text{MY}17, \text{MZJ}+19, \text{MNR}+22, \text{MTA}+07, \text{MS}16, \text{MJ}+17, \text{MCXP}15, \text{MFVT}17, \text{MC}20, \text{Mon}21, \text{MK}+15b, \text{MLVBW12, MCNR20, MG}+10, \text{Og}+13, \text{OHRS}21, \text{OZI}+19, \text{PF}+14, \text{FZHS18, PP}+21, \text{PV}04, \text{PDCA}17, \text{PGK}+11, \text{PCID}5, \text{PS}+16, \text{PS}+11, \text{PBK}+19, \text{PS}+19b, \text{PM}+08, \text{PK}+22b, \text{QMC}+20, \text{RCY}+19, \text{RSSM}06, \text{RVAE}21, \text{RHR}+19, \text{RZ}+21, \text{RGCC}15, \text{RM}+15, \text{SYRS}+22, \text{SJVR}15, \text{SK}+21a, \text{SHI}+22, \text{SPK}+22, \text{SB}+18, \text{SD}+15, \text{SS}+17b, \text{SA}+19, \text{SP}+20, \text{TAMC}19, \text{THF}+15, \text{TY}+15, \text{TQ}+19, \text{TY}+19, \text{TZ}+21, \text{SE}+17, \text{UA}+22, \text{UW}+21, \text{VGL}+06, \text{VL}+12, \text{VRDB}+16, \text{VO}+15, \text{WBH}+08, \text{WZ}+21, \text{WH}+20, \text{WFX}+08, \text{XZH}+09, \text{XDL}+11, \text{XWD}+12, \text{XDE}+04, \text{XGZ}+20, \text{XHC}15, \text{YPY}+21, \text{YA}+04, \text{YT}+15]. approach \text{[Yil}21c, \text{YZ}+10, \text{YH}+13, \text{Zen}+19a, \text{ZDH}+22, \text{ZYFZ}+19, \text{ZLY}+13, \text{ZH}+16, \text{ZMY}+18, \text{ZWC}+20, \text{ZLT}+16, \text{ZFT}+08, \text{ZQMC}+19, \text{ZDR}+18, \text{ZWL}+20, \text{vZKH}+20, \text{vdSTC}+21, \text{KKM}+20]. approaches \text{[APP}+21, \text{AAF}+17, \text{AJAA}+21, \text{ABS}+16, \text{BDT}+01, \text{BCM}+05, \text{CL}+22, \text{COC}+18, \text{ENB}+20, \text{MPSGD}+14, \text{MJ}+19, \text{OK}+18, \text{Ogi}+20b, \text{Ogi}+21, \text{PGP}+10, \text{RBD}+17, \text{SI}+07, \text{Sod}+05, \text{VLJ}+17, \text{YDB}+13, \text{YT}+21, \text{Yil}+21b]. Approaching \text{[IAH}+15, \text{TL}+21]. approximate \text{[GG}+09, \text{GE}+08, \text{HY}+20, \text{IPGCM}+18, \text{MW}+21, \text{SK}+20b, \text{WGY}+19, \text{XLWX}+20]. approximately \text{[LF}+20]. approximation \text{[BEDK}+18, \text{CCTW}+11, \text{CS}+13, \text{HTZ}+22, \text{JVM}+19, \text{KC}+22, \text{MTK}+21, \text{WB}+12, \text{WJ}+12]. approximations \text{[CNP}+15]. apps \text{[DKA}+21, \text{SS}+16, \text{YW}+17b]. \text{Arabic} \text{[HT}+22]. Araport \text{[HM}+15]. arbitrary \text{[HP}+11, \text{KMA}+04]. arbitration \text{[LGL}+17]. Architectural \text{[BCC}+05, \text{GQ}+20, \text{MCCG}+11]. Architecture \text{[BR}+21, \text{CL}+11, \text{IC}+19, \text{MP}+04, \text{Nel}+05, \text{SK}+20a, \text{AP}+10, \text{Akt}+18a, \text{AMR}+21, \text{ADSV}+16, \text{Ano}+21b, \text{Ano}+21i, \text{BPAE}+20, \text{CT}+12, \text{CCL}+14, \text{CCL}+17, \text{CHX}+19, \text{CS}+17, \text{CM}+07a, \text{CJ}+12, \text{CSB}+16, \text{CKL}+19, \text{CBI}+19, \text{CMT}+13, \text{CKNW}+06, \text{DDWD}+20, \text{DDF}+16, \text{DBGA}+16, \text{DMD}+20, \text{DSGB}+20, \text{DZ}+16, \text{ENB}+20, \text{FAM}+18, \text{Fe}+15, \text{FNBS}+16, \text{FTT}+15, \text{GDA}+21, \text{GW}+10, \text{GAM}+17, \text{GW}+15, \text{Has}+17, \text{HCK}+08, \text{JVP}+18, \text{JLA}+07, \text{Kar}+14b, \text{KHZ}+06, \text{KAP}+20, \text{KJI}+19b, \text{KPS}+14, \text{KG}+19, \text{KAM}+19, \text{LHC}+14, \text{LSH}+16, \text{LQG}+17, \text{LLC}+22, \text{MLS}+15, \text{MS}+21a, \text{May}+10, \text{MTY}+21, \text{NFF}+21, \text{NJMI}+9, \text{OCC}+05, \text{PD}+20, \text{PAN}+22, \text{PR}+16, \text{PSLC}+11, \text{PK}+22a, \text{PS}+19a, \text{PSMI}+13, \text{ROA}+07, \text{RW}+10, \text{RCR}+15, \text{RGL}+15, \text{RHS}+17, \text{SDB}+02, \text{SHi}+22, \text{SP}+06, \text{SB}+19a, \text{SPW}+09, \text{SGH}+20, \text{TAB}+21, \text{T}+22, \text{WZX}+16, \text{WL}+02, \text{WLL}+14, \text{XL}+17, \text{YLM}+21, \text{YPO}+21, \text{ZW}+17, \text{ZFT}+08, \text{ZW}+14, \text{dCM}+21, \text{BBCG}+02, \text{KKJH}+03, \text{Zho}+06]. architecture-level \text{[WC}+16]. Architectures \text{[FK}+19, \text{KL}+21, \text{MN}+10, \text{AHY}+13, \text{ABC}+16, \text{ABC}+15, \text{Ano}+21-38, \text{ACS}+10, \text{ATNW}+11, \text{BOF}+15, \text{BG}+14, \text{BSP}+11, \text{BIK}+11, \text{BKZ}+13, \text{BS}+10, \text{BRCV}+16, \text{BLKD}+08, \text{CRG}+15a, \text{CL}+18, \text{CACC}+11, \text{Cha}+03, \text{CKL}+17, \text{CNG}+13, \text{CZG}+16,
autoencoder-based [WTY+19, YTL19]. autoencoders [XLL+21].
autoencoders-based [XLL+21]. automata [HLV+21, KYP21, Mos19, WZ20b].
Automated [AAF+07, BWTJ20, JAU19, LLY+19b, NSBT21, BTCPB16, CMW02, CK13, CMK22, CVK15, CHH18, ÇG21, DS15, GWHJL19, HML21, HXY20, KAM11, MAK18, RCX509, RBWB21, RM03, SG501, SG502, SMBT07, SE01, SM50c, YT21, ZYFZ19].

Automatically [SSC+16, AAP13, ML19a, YOBS16].

automating [BHD13].

automation [MLC+21, HBG+06].

automaton [WZ21].

automaton-based [WZ21].

automobile [YZ19].

automotive [Ano21-43, BPB21].

Autonomic [MBP+05, TCBR11, CRCC09, CR12, CSL12, DED07, HM16, LDS+08, MMR21, RRBB11, RBP12, TS22, ZDR+18].

autonomic-computing [ZDR+18].

Autonomics [Pat08].

Autonomous [FZ07, Zhu07, BT18, JDB16, KOO12, Kri13, SJ19, SAC+07, WZL+22, YZY21].

anomaly [MTY21].

tautoregressive [SMD+21].

Autoscaling [SP21a, CMT20, KSKR22, Mon21, VŠC17].

AutolSLAM [CVK15].

Autotuning [BP20, BAG17, ND17, AHK+15, Lan17, OHFF20, PAC+17].

autoupdate [KTU+21].

auxiliary [LWZ+17].

Availability [XPWF15, ANTZ09, DGM18, FBC10, KKTHL13, MLG15, MS18, PV15].

available [KM03].

avalanche [PIH04].

avatars [TNH15, TNI16].

AVC [RSMFE+12].

average [CA22].

AVO [WZYG19].

avoid [CM06].

Avoidance [ZKWK17, LSL20, SWS+18, VKM+09, WLLL21, YES+19].

Avoiding [ESB20, WS09].

AVPredictor [WKZL19].

AVX [SKSP20].

Award [Bou13].

Aware [Vin21, AAK+21b, ACJ21a, AA19, ABC19, And13, ACC+20, ACIC+13, AMAB17, ACCM17, AMS17, BC21, BR17, BAHB21, BDE+19, BKIS18, BJGF20, BF+06, BPB08, BHKW12, BZL+22, CEH+06, CGST17, CRCC09, CCCR21, CSL+18, CLQ+17, CH21, CC15, CZG16, CLT+16, CPLEX21, CLH13, CFTT17, CDN15, DFG+18b, DMRS15, DCP+17, DPGA11, DHC11, DZL+17a, DMX+17, DY16, DA15, EN19, EK19, EOD+19, EQORS919, FA18, FM20, FDY21, GYM14, GMA20, GVMRG15, GAW09, GBJ19, HKS+22, HZAA21, HAAWA+16, IA22, IHA+15, IRB19, ID18, IAQ20, JZL14, JZL15, Jon09, KC15, KB21, KV12, KB12b, KV20, KL12a, KBB11, KHHK21, KSSK22, LMGG20, Lan17, LBD1+16, LWYM16, LLX+21, LDXC13, LFH08a, LYC16, LJS16, LLH+20, LXX+19, MTT21, MS13, MRL16, MSP+13, MDB+17, MLZ+20, NSK21, NLG+20, PYC+20, PCD+17, PGC+19, PPB14, PR11, QLD+11, RGKK21].

aware [RHZ+17, RZCA21, RIWS17, RAFFD+14, RYG+21, RGB+15, SKH+21, STO17, SJ18, SBPD15, SGV12, SR20a, SK21b, SKRS21, SRG+21, TKZQ17, TWQ+21, TDM+19, TAHH22, VP19, WSL15, WQ5+16, WJXZ18, WZHL21.
CRB$^{+17}$, Can06, CYD$^{+15}$, CSL$^{+18}$, CF21, CGS$^{+21}$, CAC15, CC10, CDD$^{+20a}$, CMS21, CRC$^{+15b}$, C7GJ$^{+19}$, CR12, CÑY22, CÇ22, CJC$^{+18}$, CJS21, CH21, CWL03, CA06, CY07, CWYX17, CLW$^{+18}$, CCLP19, CLH19, CH19, CLL$^{+19}$, CSWC20, CDC20, CYQ$^{+20}$, CJY$^{+20}$, CLC$^{+20}$, CCGN20, CPLX21, CK21b, CYC21, CCZ$^{+21}$, CWL$^{+21}$, CW22, CWL$^{+22}$, CWMW15, CXT$^{+18}$, CL19, CLWX21, CLY$^{+21}$, CYZ$^{+21}$, CVK15, CA22, CM06, CP20, CK09, CW07, CL07, CBA$^{+16}$, CMA$^{+21}$, CDN$^{+21}$, CPPP21, CMY21, CM02, CGB$^{+06}$, CNPP09, CRGR12, CMT13, CLX$^{+12}$, CDF$^{+17}$, CYDW20, CMD17, DD17, DR21, DDZ$^{+20}$, DVD$^{+12}$, DCJ12, DBD22, DDH$^{+20}$, DS21, DHV03, DBR13, DBGA16, DXG13, DRS$^{+13}$, DLX$^{+16}$, DKL19a, DS19, DKL21, DS22, DG21, DCY15, DGR$^{+07}$, DAC12, DPM17, DMM14, DR20, DH13, D18, D20a, DPPD07, DNB19]. based [DBH$^{+17}$, DAC$^{+18}$, DH13, DJ19, DWG19, DXXL20, DC19b, Dra15, Du18b, Du18a, DYY$^{+19}$, DWY$^{+21}$, DSC$^{+19}$, DRF07, DT15b, DPSJ22, EB18, EPB14, EMEY14, EVVR21, EGB21, ET09, EFY17, EJ22, EASR22, ECP18, EAGVBVDS11, EFA$^{+17}$, FE17, FHH15, FH20, FC21, FYH$^{+21}$, FXX16, FIO15, FM20, FBM19, FJZ14, FSWW21, FPC15, FAPC16, FVRM15, FK022, Fio20, FK19, FH13, FN13, FAM22, GS08, GBBS21, GZ20, GPDB20, GYM14, GHS19, GXL$^{+20}$, GWGR20, GZC$^{+22}$, GKC$^{+22}$, GDJ16, GH19, GHA20, GB19, GBD17, GYL$^{+21}$, GGC19, GQ21, GSVS21, GD22, GPZ04, GKP09, GKA020, HML21, Hed10, HZC$^{+14}$, HZH$^{+19}$, HZHP09, HXY$^{+12}$, HAJL16, HLF$^{+17}$, HLL$^{+21}$, HM20, HBB20, HR18]. based [Hol06, HCS18, HSH14, HM16, HLL$^{+15}$, HLCW15, HLZ18, HL20, HXZH21, HXY$^{+22}$, HW20, HPR03, HFTQ13, HLC19, HY19F, HML19, HZY$^{+19}$, HHXH20, HS02, HFM19, HXY12, IK22, JR22, JC07, JKM$^{+17}$, JNUH17, JB11, J20, JM22, JBL15, JDT$^{+19}$, KY20, JQ09, JL17, JHL14, JML$^{+16}$, JZMD19, JR19, JW10, JZB20, JMY21, JZJ$^{+21}$, JYC$^{+21}$, JZL06, JW17, JL18, JKKL21, JSL17, JPWH02, JSS07, JDC22, JBCI20, KDL20, KEK$^{+20}$, KSS21, KRKM22, KE21, KT20, KMS$^{+21}$, KL19, KXL$^{+21}$, KKD19, KT19a, KT22, KC15, KBD19, KM19, KZCN06, KRK21, KC22, KS20, KQK$^{+20}$, KBL$^{+21}$, KGT12, KR15, KAA19, KB17, KAP20, KTO$^{+21}$, KEMZ22, KHH13, KL17b, KQR$^{+17}$, KKP20, Kim21b, KJHM21, KBT$^{+14}$, KT19b, KY14, KJS$^{+17}$, KKWZ15, KZY15, KZY$^{+18}$, KHY$^{+20}$, KKS12, KABD07, Kri05, Kri13, KNP14, KS$^{+21}$]. based [KF18, KT19c, KSK$^{+20}$, KSTV21, KM19, KB19, KAMB19, KSC12, LMGG20, LVN$^{+12}$, LS17, LGM21, L17, LS22, LLR$^{+21}$, LGL16a, LCSR21, LNN$^{+14}$, LHL10, LM08, LYL20, LSS$^{+21}$, Li04, LLH$^{+19}$, LW21, LMKT13, LDD$^{+14a}$, LLL15, LDZ$^{+15}$, LG$^{+15}$, LLX$^{+15a}$, LZY$^{+16}$, LWY16, LW$^{+16}$, LCT16, LGQ$^{+17}$, LH17, LZW17b, LXY17, LWZ$^{+17}$, LFZ$^{+17}$, LWQS19, LW19, LL$^{+19}$, LCW$^{+19}$, LSS19, LZY$^{+19}$, LTT19b, LL19a, LW$^{+19}$, LHTW20, LW20a, LN20, LCZ$^{+20a}$, LW20b, LZF20, LJJ21, LLZ$^{+21a}$, LYS21,
bees

based

[WDQ+18, WF18, WZL18, Wan18b, WFKS18, WML+19, WTY+19, WWX+19, cWsThY19, WW19, WXSH19, WWCC+19, WHX19, WGY+19, WFS+19, WJL+20, WWG+20, WSM+20, WGY20, WZ20a, WGGZ+20, WWG21, WMC21, WAY+21, WLZ21a, WJLC21, WFHC21, WLL21a, WLLX21, WHH+20, WJP14, WBC+17, WLLZ20, WZ21, WN21, WXXZ12, WLL+20, WK07, WJKS18, WCLH12, WRDZ13, WWL+17b, WT18, WYY+19, WXLM19, WYZAD20, WZG+21, WLX21, XHH12, XWFH08, XDL+11, XWD+12, XGC+21, XAC+20, XBL10, XXZ+16a, XLG19, XLZ20, XLZZ22, XZJ11, XZH+16, XDP18, XYSW18, Xu19, XGZ+20, XZW+20, XLXZ20, XLWX20, XL21, XWW+21, XA22, XXY+16, XCD+20, YCZ+13, YWL+17a, YWLQ18, YHYY19, YTF+01, YHK09, YP10, YWC11, YLWZ18, YYXL19, YSQM19, YKA+19, YYZH19, YTL19, Yan19b, YC19a, YL20a, YLLL20, YMZ+20, YLM21, YT15, YBZ+15, YKD+15, YLZ18, YFF22, YLYC19, Yi121b, Yi121c, YZWX17, YLGY20, YYYQ19, YPO21, YLEB14, YZ10, YHH13, Yu18, YZ19, YCSY19, YL19, YF20, YLLW20, Yu21]. based

[YZ21, YYL+12, YG19, ZK08, ZABT+20, ZF18, ZH09, Zen19a, ZAB+19, ZBZ+20, ZP06, ZCC+06, ZEB10, ZLLL11, ZTM12, ZLJ13, ZIC15, ZLH+15, ZYW+16, ZQD16, ZZ18, ZMYA18, ZBZ+18, ZHC+18, ZLH+18, ZCZ+19, ZIT+19, ZL19, ZWY+19, ZXC+19, ZHJ19, ZLL19, ZWCS20, ZWO+20, ZZZ+20, xZGC320, ZHJ20, ZLW+21, ZZF+21, ZZWW21, ZLCL21, ZQL+21, ZGLS21, ZLCS21, ZCZ22, ZYY+19, ZM13, ZLT+16, ZCLI19, ZLG+19, ZTP+20, ZX+21a, ZXX21b, ZWJ21, ZFT08, ZAC16, ZWW+18, ZSS18, ZZZX19, zYWD+21, ZQMC19, ZPL21, ZNLL22, ZJS20, ZJS21, ZBZH11, ZF16, ZXXH17, ZQW+17, ZCL+19, ZFXJ19, ZCL21, ZOS+21, ZWW+21, ZXXN06, ZLZ+17a, ZWL+20, ZZS+21b, ZXL21, ZHYW22, ZCS06, ZWMT12, ZGH+22, dOOO+12, dOPBdO21, dMD+17, rS21, vHKT+11, vNMW+05, vdSTC21, LLX+21, SS21]. based-on

[WJL+20]. based-rectified [OKJ+21]. bases [NZKK11]. Basic

[ZX11, CGGH17, SKNH09]. basin [DLM13]. basing [JB19]. basis

[CQWX14, JLQ+17, KF01, SPZ+10, ZXX17]. basket [WWG+20]. bat


[SRG+21]. batchsize [Hey19]. Batchsubmit [MHRI14]. bathymetry [MMG+18]. battery [CLH13]. Bayes [CDC20]. Bayesian


[ZGB19]. beamformer [PL15]. Bear [ON01, ON02]. bearing [XLL+21]. Bee

[MS17b, APM+21, JR22, KC15, LZQ+22, LYG+21, PN19, RP21a, XWW+21]. bees [DBH+17]. beetle [CEN22]. before [JW10, LSS15, PWJ10]. behaved

[LSL20]. behavior [AAF+07, AADS21, BBP21, CZJY19, CEC14, DPFC20,
EVVR21, EI22, FGL+20, GGR+10, GYS+17, GO22, KL02, LF15, LSZ19, LYW+21, MSV+10, RS16, SEM+20, SS18, YWL+17b, ZWCS20.

behavior-based [SEM+20]. behavioral [IAE11, JAC+21, ZWL+20].

behaviors [DJ19, GBXL17, HL19, KCD19, SYRS+22, ZQR+19, XLL+18].

behaviour [ADK+17, MDX14]. Beijing [LWCM21, xZIGCzJ20]. beings [GQR16]. belief [DP22, KHL17b, WWL+20]. Belt [CALL+21]. Bench [SPQ+17]. benchmark [BCD+10, BG04, CLL14, DS02, EHSU07, GSG20, GPW03, GW05, KB18, MVW+10, SCS17b, SPQ+17, DLP03].

Benchmarking [BAR21, BSJB+03, GFG+09, MP05, MSPPD20, BCM+05, DMR+07, Dik07, ZS01, ZCL14]. benchmarks [KHM+11a, NNON02, SZT18, SCC+10]. benefit [ZEN19b]. benefits [SIRP17]. benevolent [XLT+17]. BERT [Gho21]. Best [CS09, LME+19, PB07b, PK08, GRGP12, MS17c, MTD+20]. beta [AA22a].

better [LWWM06, RS21, VAC+07]. between [CJ21a, CMLL21, HN15, IABE11, JZB20, JPS17, KHW05, KRI13, LL21, RG18, SZT18, SGHL20, WDQ+18, WHH+20, WK20, XZZ+16a, XLYX11a, ZLY10, ZTL+21]. beyond [Ano21b]. BFG2 [AFR09]. bi [KSPM12, LOKW+10]. bi-criteria [KSPM12].

bi-material [LOKW+10]. Bias [GC18]. Bias-Sentiment-Topic [GC18].

bicycle [LHZX19]. bidirectional [KSA+21]. Bidirectional [XHF+21, BJWY20, LWG+15, ZLCS21]. bifocald [JB21]. Big [AJAA21, BTCB16, BM1, HA20, LWT15, LLLY16, LLL16, PKK21, RLC16, SG19, AANN+21, AA21, APHB16, AYB21, BA18, BZEM20, BLXE19, BJGF20, CY15, CJ21b, CZJY19, COZ21, DS19, DA22, DM15, DS17, DL17, DSH18, DWG19, DYPF20, DXM+17, DJGF21, ESG17, GLS+19, HWQ+16, HL19, JLQ+17, JAC+21, KT20, KG+20, KKKM21, KVV20, KKL21, KT19c, LTL+17, LCKJ21, LYT+17, L118, L519, L5SD21, LGL+17, LBY+16, LMX+18, LDZ+19, LMDP19, MYS19, MG21a, MBO+21, OGi20a, OLF21, PS12, PSCS118, PIGK16, QWW+16, QZY16, RM19, RICYR21, SM2+11, TDC18, WYJH16, WQL+18, WS19a, XAK16, XSMZ16, XYER16, Xia20, XGKH15, XGZ+20, YZW17, ZBE17, ZBM18, ZLN+13, ZS18, ZHu18, ZS19, HYQ17, MBM+20b, Mr19, NMJ19, PSIP16, SG16, TD21]. Big-Data [SG19, ESG17, PIGK16]. big.LITTLE [SGH20]. BigData [ZH16].


binary [MS22a, Ano21-37, CL14, CCR19, HTW19, HAA+17, LCM12, LCW+17, LHL+18, LLL+19, MPS11, PDC17, SV22, SS22a, SD21, SR17, ZZ14].


biodiversity [ABB+15, WSP17]. bioextract [LGD15]. biofuel [HLL+15].
bioinformatic [GvHKK11]. Bioinformatics [MCL+20, BAD+11, GFG+09, HSRN11, LBTE14, PRC+14, SFLS04, VRSJ15].
Bypassing [RG17]. byte [JBCI20]. bytecode [Cog03, Cog04, KN01, SD03]. Byzantine [VG20].

chaining [TSA+19]. challenge
[CBBCD08, GH08, HSBR08, LS14, PBD+15, MLA+08, SKS+08].
challenged [FP09]. Challenges
[KMZ+20, Kum21, MBM20a, YWT+12, ZQH12, AYH20, BCA+10, CY22,
CSAC19, Dik07, DHC13, FBV+13, GQ20, KKK21, LLT+14, PHY+18,
PKK21, PUL20, PCJ17, PCB+18, PT12, SN18, WJJM17, LF15].
CHAMELEON [DZZL19]. Chan [YHJ+14]. Chang [ADA22]. change
[BB19, JLQ+17, MFA+21]. changes [LM20b, PWJ10]. changing
[SWH08, ZCL+19]. Channel
[LWZC21, VP19, Du18a, DXZ+16, HKB07, IAQ20, KT19a, LWG+15,
LWW06, MTM19, MS07, SGS21b, SCLK15, WZSZ20, ZDJ+21, ZKWK17].
Chaos [AA22b, Shn22, MSV+10]. Chaotic
[rSN21, DBD22, DWZ20a, LWW+19, LYSC21, SV22, SAL22]. Character
[TJD+17, LWZ+20, ZSS18]. character-level [LWZ+20]. characteristic
[KHW05, LCZ+20b]. Characteristics
[LZW+17a, CPY21, DAC+18, FCZ20, PII04, WLZ11, YSS+21, ZDJ+18, ZWJG21].
Characterization [JVMN19, OE22, dOCPFJ13, HKH+12, RGL+15, SCC+10, SMS+19, dP06,
vAVS12]. characterize [DGM21]. Characterizing
[HKAC14, LGA+20, MSN+19]. charging [CSWZ22, YWQ+21]. Charm
[BBK11]. CHARMM [NCWD+04]. Chasm [RSSM06]. chat [ZPL21].
chat-response [ZPL21]. Chatbots [HNS+21, ML19b].
Chay [KCD19]. Chebyshev [LWW+19]. check
[EVVR21, LDZ+15, vRGNP09, LCC+03]. check-in [EVVR21]. Checking
[FNB04, BCCM16, CAC+08, Guo19, HFF07, LCC+03, MK12, PaAdS+17,
RF21, SZR16, YGL05]. checkpoint
[AG17a, J09, NKKM21, PGB03, BDB+13]. Checkpoint-on-Failure
[BDB+13]. checkpoint-rollback [NKKM21]. Checkpointing
[LX08, dCGK06, ALYD17, BBB+14, G018, KAL07, MJ11, MB18,
RMG+10, SBS19, SGV12, SK18, YCW08, ZWL+19].
checkpointing-enabled [SGV12]. checkpointing/recovery [MB19].
checkpoints [LFW20]. checks [LGFM05]. chemical
[HHPB+15, KA21a, YZFH19]. cheminformatics [CBQ+11]. Chennai
chicken [LZC21]. children [SX21, YY22]. China [ZGRSC10, JW10,
LMGZ19, MZS+10, SL+18, SLC+19, YQL+15, ZYW10, ZL19, ZWJG21].
Chinese
[DWDG20, GLW22, HLX+16, JHC19, LGJ17, LMCL19, THQ19, WHJ+20,
WGZ+20, ZLW+21, ZFT+21, ZBC+21, ZCL21, ZQD+17, ZCLL19, ZWL+20].
Chip [KK22, PS19a, AY21, GGFGB14, GA09, LL+14, MCP+12, MPG20,
MST13, Puf13, RS12, SCP20, SPS17, XLL+15, GBBS21, ZX21b].
chip-multiprocessors [RS12]. chips [FHH+20, HTTW16, ITO21, SSM04].
Chiron [ODS+13]. choice [CHZ10, CHZ12, SSM15, WBM+10, YYY+21].
choices [KVP21]. Cholesky [ZDG+14]. choose [PLY13]. Choosing
[BFU07]. CHOpinionMiner [WHJ+20]. chord [BKH08, CCG+08].
circulation [RZL+19]. circumstance [TWL+20]. Citation [GZC+22, MBT+20]. cities [Ano21-40, BTDD20, DKL21, HZAA21, KKAM21].
city [ML20, BKLH09, CLDY21, KAP20, MCG18, XYS17, ZXW19, ZXL+21a, LL+22, MZG19, WKL+11, YYWQ19, ZP19].
City-based [MZG19]. civil [ZQMC19, HCBRM16]. claimed [WFS+19].
clairvoyant [BCM15, dSGD14]. class [DP19, God12, HWR03, IK22, JOK+18, KFKD22, KHL17b, LL18, LLT+14, LLO21, LHL+20, NSSL22, SGM18, SRF13].
class-bridge-decomposable [LHL+20]. CLASSe [MML+17]. classes [Bac03, GG09, WMA07].
classical [GSB21]. Classification [Alm22, DLC+21, KA21a, KBE07, TA22, AMJK21, Aka22b, ASL20, AS20, AMM+20, AMA22, CO21, Ben21, CYY22, CC22, CKKK20, CMK22, CMLL21, DLJ15, DDZ+20, DS19, DS20b, DCK21, DP19, GDA+21, GTS22, God12, GSB21, HAA+21, HPK22, HYLG15, HHK14, HHXH20, IK22, JRZ22, JSYAA20, JNS22, KEK+20, KXL+21, KTHA18, KBBH21, KT19b, KP21, Lsingular+17b, LLJ18a, LLJ18b, LLY+19b, LGQS12, LC18, LJPW19, LS+20, MQE21, MPS11, MSM+14, MJ19, PK22, PLZ14, PKKL21, Pla08, QXXZ16, RS16, SS1, SS2a, SSDY20, SN16, SP21b, SRR19, TWL+20, TLL20, TLA21, VLS22, VJ19, WZ20a, WAY+21, XGZ+21, XHF+21, YMA21, Yi21b, ZLCL21, ZLCS21, ZZQ+22, ZLW+20].
classification-based [Yi21b]. classified [CZL+17]. classifier [APM+21, KEK+20, KSS21, KSTV21, NBS+22, YY22]. classifiers [CMLL21, HZL+16, LCM+17, LHL+20].
Classifying [AMR+21, HPA+18, ZCLL19]. classroom [GRGP12]. clean [RK21a].
ClearSpeed [GSB+12]. Client [Hic18, BYN+17, FH015, GC19, PB07a, PR01]. client-server [GCC19, PR01]. Client-side [Hic18, FH015]. clients [MWJ+10]. climate [LM20b, SYRS+22, WJYH16, WWG21, Zho06, ZBC+07, ZDC+09, ZCD+12].
ZNT+16, ZZ18, ZWO+20, ZWW+21, ZBC+21, ZHJW21, ZLO+21, ZQD+17, ZYZC17, ZWJG21, ZRB19, ZFJ16, ZWH+17, ZCH+18, ZLY18, ZOS+21, ZZZ+19, dOOO+12, dMd+17, BB12, CR12, CMS17, EH18, ESG11, KBB11, KMG+18, LCW+17, MDH+16, OKO18. Cloud-assisted [HT21, MWPX17]. Cloud-based [HSHT14, Sk21c, XGZ+20, CLL+19, CSWC20, DWY+21, EI22, FPC15, GSR+19, KKD19, RSUK19, RSH17, TBTZ18, dOOO+12]. Cloud-edge [XZC+21]. Cloud-enabled [CKL19]. Cloud-fog [LWW+19]. Cloud-HPC [KMRT18]. Cloud-integration [GMPT15]. Cloud-assisted [HT21, MWPX17]. Cloud-based [HSHT14, SK21c, XGZ+20, CLL+19, CSWC20, DWY+21, EI22, FPC15, GSR+19, KKD19, RSUK19, RSH17, TBTZ18, dOOO+12]. Cloudlet-based [YBZ+15]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, TJ21, ACC+12, AAK+21b, BYDC21, BBdS+17, CWL03, CGG07, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FPX21, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16b, LXRJ13, LZS+20, MG09a, MFG+13, MS16, MS21c, NOO2, PDY14, RPK08, RJ22, RSS20, RZ21, SF16, SLM+10, WJYH16, WDT18, YLQL18, YCL11, YK10, ZP07, ZZY06, ZZZ+20, ZHX+21, EEF+04]. Clustering [BDY03, KT19b, KT19c, AM22, ASE+17, ANAMSAR21, BYL20, CT21, CS22, CH21, DRS+13, DLX+16, DKH20, FYH+21, FM20, GBB22, HKA19a, HW16, JSYAA20, Jun16, KO021, KHY+20, KPS14, LWSZ19, LLW+20, LZL+20a, LWL15, LWC+21, LHJ19, LAC21, MLZ+21a, MT19b, MS12c, NJZZ19, NJ21, OHR21, OZI19, PB19b, PCS+12, RGK21, RP21c, RSJ21, SAPC21, SS15a, SIS19, SZS+21, SS17b, SCL+20, TLG+17, TWL+21, TNP21, WJL+20, XLZ20, YSW19, YXW17, YSS+21, YYJ+20, ZMYA18, ZTF+20, ZCL21]. Cloud-aided [WLFX17]. Cloud-Internet [KB21]. Cloud-of-things [CMCA17]. Cloud-fog [LWW+19]. Cloudlet [TTA20, YBZ+15, YBX+17]. Cloudlet-based [YBZ+15]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, TJ21, ACC+12, AAK+21b, BYDC21, BBdS+17, CWL03, CGG07, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FPX21, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16b, LXRJ13, LZS+20, MG09a, MFG+13, MS16, MS21c, NOO2, PDY14, RPK08, RJ22, RSS20, RZ21, SF16, SL1+10, WJYH16, WDT18, YLQL18, YCL11, YK10, ZP07, ZZY06, ZZZ+20, ZHX+21, EEF+04]. Cloudlet-based [YBZ+15]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, TJ21, ACC+12, AAK+21b, BYDC21, BBdS+17, CWL03, CGG07, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FPX21, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16b, LXRJ13, LZS+20, MG09a, MFG+13, MS16, MS21c, NOO2, PDY14, RPK08, RJ22, RSS20, RZ21, SF16, SL1+10, WJYH16, WDT18, YLQL18, YCL11, YK10, ZP07, ZZY06, ZZZ+20, ZHX+21, EEF+04]. Cloudlet-based [YBZ+15]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, TJ21, ACC+12, AAK+21b, BYDC21, BBdS+17, CWL03, CGG07, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FPX21, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16b, LXRJ13, LZS+20, MG09a, MFG+13, MS16, MS21c, NOO2, PDY14, RPK08, RJ22, RSS20, RZ21, SF16, SL1+10, WJYH16, WDT18, YLQL18, YCL11, YK10, ZP07, ZZY06, ZZZ+20, ZHX+21, EEF+04]. Cloudlet-based [YBZ+15]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, TJ21, ACC+12, AAK+21b, BYDC21, BBdS+17, CWL03, CGG07, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FPX21, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16b, LXRJ13, LZS+20, MG09a, MFG+13, MS16, MS21c, NOO2, PDY14, RPK08, RJ22, RSS20, RZ21, SF16, SL1+10, WJYH16, WDT18, YLQL18, YCL11, YK10, ZP07, ZZY06, ZZZ+20, ZHX+21, EEF+04]. Clustering-based [CWL03, RJ22]. Cluster-computing [ELM+16]. Clustered [DDB+21, DMA13, GSG06, LR05, LLY7, ZACG16]. Clusterfile [IT03].
CNN-wavelet [WHZL21]. Co
[KT19c, MBT+20, RS20, CZG+20, CCSS10, CCLP19, DJGF21, Jon09, JDG22, ME08, VDB09, YYC10, Yu20, ZCZ+19, xZiGCzJ20, LMS18, MDV07].
co-allocating [ME08]. co-allocation [CCSS10, Jon09, VDB09, YYC10].
Co-Array [MDV07]. co-attention [CZG+20]. Co-citation [MBT+20].
coal [CZ21]. coalescence [NR15]. Coalition
[CDEV+17, ACC+20, BCDCT06, HAAWA+16]. coallocation [ET09]. COAP [KG19]. coarse [CDA09, ID18, QML+17, Yos06]. coarse-grain [Yos06].
coarse-grained [CDA09, ID18]. coarse-to-fine [QML+17]. coastal
[ABC+08a, PMR+21, ZDA+07]. Code
[LK22, vWAH+02, AAP13, AKRR20, BFM+10, CSC+17, CC15, CXW17, Dvd+12, DK21, DZJ+15, DKh20, FED03, FNB16, FvB+13, GE06, GAB19, GGC19, JCVU+15, JFI+08, JKS20, KB06, KHPH20, KGE+20, LPHK20, LBF17, LKKL16, LSH+16, LLL+21, MLVB05, MK12, Ogi02, OWB+20, PSW11, RLRG15, SPh13, TLM+17, VDL+15, XAC+20, XR21].

[TBTZ18]. Codes [IC19, AAF+07, ALB+20, GBFP09, HR18, HTW19, KBG+09, KGE+20, LDZ+15, LHL+18, Nev17, PVMX16, PVMX17, PHCR09, QNZP22, RCB03, RmMg15, SCLK15, Tan15, ZDB+14].

CoDIMS [PGO+04]. coding
[AZF+12, CSWB11, KCS07, PAM+15, Tan15, MKL21, XGC19, ZSL+15]. coefficient [KKW+14, WWY19]. coefficients [NDT+16, XYR16, ZZL].
coevolution [BLI12, WJT+14]. coevolutionary [LZB+17]. cofferdam
[WWLJ21]. CoG [PTCN+07]. Cognitive
[LSY+12, Ogi20a, Ogi20a, Oo20, SDS21, AMR21, Ben21, Ben22, CYC21, DLJ+15, DK19a, FXX+16, HV21, JPN21, LLW+20, LCMY13, LG21, MSS+20, KO18, OK18, OT20, Oo21, Ogi21, SX21, SSS20, TZY+13, WRSt12, WRD+13, YCz+13, ZZL+18]. CogromDroid
[BD21].

[MPG20, SC07b]. coherent [CS17, DSC+21a, PRU14, RPM22]. COIL
[OOTK01]. Coimbatore [PB19b]. COISA [AMB+17]. Cold
[LWC12, TWW+19, ZWZ21]. cold-start [TWW+19]. Collaborating
[LWQ19, XMJ17]. Collaboration [SMN15, AHB+10, ACF+07, CWZL13, DCEK15, DT15a, FWU+04, GRSB09, IAO21, JSG17, Kri13, LLD19, LZW+17a, PB19a, TBTZ18, VAC+07, YLEB14, ZML]. collaborations
[NR04, TMS+12]. Collaborative [LF15, WWG+20, AMS15, ACF15, APL+21, BHA+15, CBHT+11, CH04, CPE+19, DFG+18b, Dra15, DR15, EMB11, LH17, LGD15, MLZ+20, MST15, NAP+07, NBL22, NMM21, NJ21, PBD+15, PML+05, SHG+07, SAM+17, TzLC15, TSL15, VLV19, WBAH08, WTY+19, WW08, Xia18, YAG19, ZJ21, ZDA+07, SPR+07]. collaboratory
[MP02, ZSL+10, vLRF+02]. collapse [CSS14]. collapsible [ZCW+18].

Comparison [GPS+07, KÖÖG22, LF17, PH12, PKM21, BB13, CKD+19, CEB+18, Dra15, ECIB20, Fer13, dFdoSR+19, GDA+21, GPW05, JNMG21, KIM+03, KHW05, KR04, KC06, LCM+17, MKIO04, PGB03, PS21, PSHL11, PRS01, RBDI17, SM02, Szt18, SCR11, SSV19, TMF+10, TZ16, ZKA07]. comparison-based [PSHL11]. comparisons [BKZ+13, CLYC16]. compass [CL22, RGCC15]. Compatibility [SM02, HLZD18, IAEE11]. Compensation [SE01, DYY+19, LWZC21, TLM17]. competent [RJ22].

competition [MME13, XTZ10, YJY+21]. competitive [KZY+18, LGL+21, MSD+18, Tbk06]. Compilation [RBC20, AC09, KKG06, MG17]. Compiler [CCCI2, KL12b, RMCA12, TJF14, TXY+16, WMvP+09, BAG17, FE18, LHC+07, LYL07, MCAB+02, MLP04, RMG+10]. compiler-assisted [RMG+10]. Compilers [Kr06, TFD07, GE06, MSP+19, SM02, YTF+01, dRdSC+21, KB12]. Compiling [BB04, BK05, CCO+15b, NNON02]. complementary [MLZ+21]. completeness [ZX11]. completion [NNK+07, XZLD21]. Complex [BCD+10, WHZL21, BKD22, BFM+10, BGY02, CL+18, Cog04, CMD17, DJM12, DXHL17, FD20b, JHCH19, Kar14a, KSS+17, LHL10, MCRN20, RW10, RHBK11, SGR19, Wan18b, WMC21, ZLAa+17, uZKH+20]. complexities [MvWvM+17]. complexity [Ano21-37, CL14, FAM+18, HZHP09, HK02, KK21b, NFG19, OKM10]. compliance [AADS21, FGG+18]. compliant [dFMSPSW06, XRD+17].

Component [Ber07, ECIB20, JPHW02, JSS07, SBBE07, Zho06, ALKD16, AAK+21a, AKM+06, CGB+06, DGR+07, EHST21, EFJ+16, HML20, JLCA07, dCJAAdOD21, KÖÖG22, LLH19, MST+05, MB12, PFC14, PCC+15, PB16, SARL13, SVN12, TMR+07, VDPC03, WY20, WK07, XWFM08, Yil21c].

Component-based [JPHW02, JSS07, CGB+06, DGR+07, MB12, PCC+15, PB16, SARL13, VDPC03, WK07, XWFM08]. Component-oriented [SBBE07, JLCA07, dCJAAdOD21]. Components [JZZL06, AFR09, BN19, CGGH17, GBSHA01, KL12a, LSW07, PXY+07, QH10, RE03, RBO+02, SPLL06, SGD+18, SBL08, YBC+07]. composable [MPG20, YL16]. Composing [EABVGV14]. Composite [PZD+21, YSL+21b, CEMR19, GYM14, RCKV12, ZLY+13]. composition [BJGF20, CHH18, DCP+17, DJGF21, EAGVBV01, HPCK22, JQGL20, KQK+20, KL12a, KEMZ22, NPTT06, Pre01, RG18, WRJ20, XDL+11].
XWD+12, XHZ+21, YLD13, YFF22]. Compositional [DAB09b, MSS16, RG18]. compositions [LLX+15a, PPBB14, SGDI5]. Compound [YHL+21, SAP16]. Comprehensive [BDP+14, MR+18, WKZL19, XLHT17, ASA+21, GKG+20, Haj20, HJT+20, JAA08, LXC+22, PKK21, PG+19, THT20, VSK17, ZX21a, dP06, dMd+17]. compressed [ZWZ+22]. Compressible [QWZ+19, WJLD09]. Compression [CCD+20a, AD+22, CMM17, CXC+18, CS13, FNI17, LSE+13, OHRS21, SRG+21, UMD+13, WFY+22, YCL+22]. Compression-based [CCD+20a]. Compressive [JyLdZ+18, CL19, LGM21, PHY+18, XF+21, YLGY20]. Compromised [VS19]. Computation [Ano21-41, Du18c, FH01, LAK22, TH10, XZ20b, AbDP15, AA22b, CO21, BP17, BMK+20, BPAE20, CP14, DBS+22, DFTHD18, EVVR21, ETR+13, EJD15, FLMR02, GV03, HZHP09, JVP18, KML21, LRLY17, LJZ21, LG08, LLRS19, LSP15, LPA+08, LL19c, MB16, NRR15, Ogi20a, PSCK+15, PXY+07, QLL+22, Roz74, TSL12, TWB13, WLWX14, WLWX16, WSRM12, YSQM19, YZ21, ZP07, ZZ14, ZKJ+07, ZZZ+17a, ZZL+17b, dP06, dMd+17]. compressed [ZWZ+22]. Compressible [QWZ+19, WJLD09]. Compression [CCD+20a, AD+22, CMM17, CXC+18, CS13, FNI17, LSE+13, OHRS21, SRG+21, UMD+13, WFY+22, YCL+22]. Computation [BA04, DDE+12, HH02, JB20, Mar05, Qiu11, QFG14, QFT14, RBB02, TCDMR+17, vdS06b, AUHW19, BFM+06, BP06, CAD+18, CNK18, CK09, CCP+15, CDP17, DCR13, DS07, DMD16, EVVR21, FAM+18, FP02, FMS08, GN21a, GCS20, Jec020, JC+21, KV12, KGG+09, KKWZ15, LMH+14, MP02, MAaS+10, MPSG14, MTVP14, MD02, NAP+07, NA22, NdSSSN20, PW12, PS03, FB07, PYF02, PCC17, PV15, RCB03, SN15, Sha15, SR17, TP14, TRH+02, TV14, VDL+15, WGZ10, WLX21, XR21, YH09, YL11, YTL19, ZSL+10, vKHT+11, vdS06a, GTGT11]. computationally [GPV09, RMCN+07, SMD+21]. computations [BCT+09, CM21, DOK14, DK13, EY17, GGV14, GDM+12, GEB17, GS04b, KFD18, LSL17, LWW+19, MCP+12, MRS08, NN+14, NPL19, NDL17, OCC+05, QMC+20, RMCA12, Rav16, RLMG16, RBC20, RCA+12, RPR17, SAP16, SK02b]. Compute [MDH+16, BAC+15, M017, SKH09, VLMPS+18, ZWW14]. computed [WPL20]. Computer [BM04, GAM17, MSA21, Nel05, SNM15, Wu+18, ZCW+18, dCMM21, AKW04, BHJ+16, CPF+16, Che18, CPXA06, DMW+10, DCA17, FBV+17, FJG+13, GQ04, He19, JK22, JVKL21, LGdV13, LHC14, LWL15, LCW21, MCT22, MCP+12, MO02b, NISSAK13, NISSAK16, PSJM13, RAGK15, SRM13a, SS18, WAD12, WCZ+18, ZDC+09, HF17]. computer-aided [LGdV13]. computer-assisted [JKKL21]. computer/digital [LHC14]. Computers [Kn06, TFD07, BCM+07, BCC+05, DSO+01, ON01, ON02, PCVZ+04, RV05, RMCN+07, RST05, RLRG15, SKI11, SS15c, VdSK+05]. Computing [ACF+07, Ano15a, ACO12, BJ18, Ber07, BRCV16, CR13, CM07b, FZ07, GM10, GS21, GPPR17, IBV+02, JX06, JSL12, KB12, LM20a, LV12,
MLY10, NPM19, PHGK10, PW05, RSM21, RR11, SN06, SCNH07, STS19, SFN12, Tho07, VC16, Vin21, ZYH09, ZQH12, AOK19, AaBT16, AA21,Akt18a, AML +15, AdSCdR +19, AMGCC17, AJY +15, ADF +13, ACC +20,Ano06, AHS20, AT17, AKM +06, AB21, ABG +05, AFNH21, AYH20,ANII +19, BYN +17, BZEM20, BGGS14, BTUGC17, BPW +20, BFR05,BHM +12, BCX15, BCD +10, BLX19, Ben21, BBB +20b, BVS20, BHQOS15,BZD16, BMM19, BKM +07b, BTDJ21, BDG +10, BWS +21, BPT +16,BWW +08, BXQ17, BHKW12, BPD06, BAGS02, BM02, CLW19, CMS21,CLQ +17, CL13, CHM14, CL10, CJZZ10, CZ15b, CLS14,CPH20, CAG +13, CL07, CMB06, CT16, CN02, CPSP17, CBP +04, CGB +06].

computing [COD0 +11, Cud20, CYDW20, CMD17, Dab09a, DN19, Dam11, DDB +21,DD16, DC19a, DRS +13, DGD17, DA22, DKB20, DWD09, DM15, DS17,DSH18, DWF19, DYG20, DCh19b, DJL13, DCG15, EB18, ELM +16, EDBS08,Ero02, ETB +13, EQR019, FJP +05, FJ05, FEK20, FMS11, FMT16, Fox12,FB16, GFBR10, GQH21, GWGR20, GRQ19b, GFFG12, GC20, GKS14,GGK +04, GAM17, GBMMC15, GS04a, GWC +11, GLD17, GN21b,GVP +14, HKS19, HAS +22, HYK21, HSM14, HSJ +18, HQS11, HWR03,HL19, HLC +21, IH15, JK22, JS +20, JHRJ16, JCK +13, JLD18, JPK02,JK13, dJCAA19D21, KDC17, KC15, KMBR19, KB17, KKK21, KFNL20, KB17, KM13, KMJ +17, KAP20, KML17, KSM +08, KHP20, KHT13, KV21, KCL +20, Kri05, KP21, KJ20, LLMK18, LGLA15, LBV16,LWC12, LLLJ14, LL15, LXX20, LZZ21, LYSC21, LSS15, LDXC13].

computing [LLH +15, LQ +15, LBY +16, LZBF17, LXC +22, LDCD22, LAL02, LG21,LMOT10, MTG217, MZG19, MJHH16, MAS16, MS17a, MS17b, MS18, MBM +20b, MB12, MK15a, MDH +16, MM17, MS17b, MB18, MJ15, MJS19, MG21a, MMG +18, MRAM +21, MGN +22, MM10, MK16, MGR02, NR17,Nam19, NKK +07, NSK21, NC05, NMS +21, NJ05, OISS07, Ogi20c, Ogi20a,OO20, OT20, OSS1a, OLF21, PW12, PYK16, PYC +20, PLC +19, PRD +13,PIAH12, PSS +19, PC14, PRC +14, PK17, PT12, JPB19, PBK19, QZDJ16,QLL +22, QGZL18, QL10, RBBB11, RRHRB13, RVD +12, RKB21a, RBP12, RBNG15, RSM06, RHZ +17, RCA +12, RBB +09, RND19, RBWB21, RZVC21, RB17, RLC16, RCLS16, RSB16, SKB +20, SPQM20, SM04,SHBC20, SL10, SG16, SBC15, SN22, SEM +20, LSsCY17, SQS +19, SRAG16,SPKK22, SFH13, SFT15, Soo16, SRL +14, SWHL16, SS07, SNRG18].

computing [SAM +17, SCL +20, TTD +11, TSSA +19, T16, TWL +20, TKZQ17, TWG +21, TWSM05, TTL05, TTP16, TY15, TLS22, TSKM18,TS22, TSS18, TBH +18, UA18, VD05, VS21, VFAD18, VCBB20, VG21, WKB +19, WLLL16, WZ04, WCA08, WYS16, WYZ +17, WFJ +17, WLZ17, WML +19, WWY19, WWC +19, WCW20, WGY20, WZLQ16, WLL20, WCC20, WS +12, WS19b, XCL09, XPWF15, XADLC15, yXILyGX21, XLYL17, X19, XBB13, XXX15, XB14, XYS17, XWH +17, XTB17, XCZ +21, XDYJ21, XA22, YLZ +21, YCL11, YDB +13, YBY +17, YLEB14,
Computing-based [DWG19, KAP20, MS17a, MS18].

Concentration [WSL20].

Concept [KTK20, AYG21, CH21, NMS21, ZNLL22].

Concepts [DMW10, DJF21, SP16, Sch04, WHH20].

Concurrency [Ano06, Ano21-41, CY22, FH01, TH10, BVGVEA11, BMS09, BT04, CAC+08, CM02, FR02, FSWW21, HL06, Hoa10, JJJ+21, LSW07, LWL+19, TRW07, TDM+19, WHZL21, WJH06, dCHMJ12, XX20b].

Concurrent [AFGL09, BHM12, BH05, KFD18, SW09, Tan12, AKG13, ACGG06, ABS16, ADK+17, BJWY20, BL04, CL10, CGIP16, CBB+19, DZM15, GB20, GM04, IR11, JK10, Kar14a, Kar14b, KIM+03, Kuh14, LPSF11, LDPZ14, LSW07, LALMGLG20, MKIO04, MISV13, MS05, MCC+16, NRR15, RCKV12, SNK+21, SSZ14, WZLZ13, WCC04, WCC+20, WO14, WL11b, YKA+19].

Concurrently [SLC20].

Condensed [BIK+11].

Conditional [ZFF+21, FBS16, GLW21, PA21, SKB+17, ZCL21].

Conditions [LBDS15, LFG05, MFGE19, SWLJ17, WJLC21].

Confidence [LLMX21].

Confidentiality [XBW+15].

Configurable [SRF13, BBB+20a, CGB+06, GKPT13, KYZ20, WZ04, YDL09].

Configuration [AMVOSGAC17, BP20, BDP18, CKRO13, GBSHA01, KKTBL13, KAM11, WLDW22, YYXL19].

Configured [STWSP12].

Conference [AF14, Che19, Du18c, FZ08, HHFA20, LB19, WDM14, Wa18, ZC19, CL13, DR15, GWD15, PDD14, PCC+17, UA18, WDGK15, WT15, Fox01, Fox05, HF17].

Confega [DT17].

Congestion [LLC+15a, NLG+20, WDW+15, ALL+15, BVIB19, LWSZ19, WMA07, YESG+17b, YESG+17a, ZXL+21a].

Congestion-aware [NLG+20, WDW+15].

Conjugate [JW2017, MDL+10, SK09, SSK11].

Connected [RT21, BF07, MRY+16, MvWvM17, NNVD22].

Connection [MH07, BSP11].

Connectivism [YTL19].

Connectivity [CNPP09].

Conquer [CCW06, NDL17, YA04, ZLT+16].

Conscious [LDCD22, ZLTX21].

Consensus [CF21, AB20b, BFG01, HLCH20, JB21].

Consensus-based [CF21].

Conservative [BGdCCA11, DVB14].

Conserving [LGM21].

Consideration [FA18, KBH+15b].

Considering [KFKD22, LWS19, MS17b, SSSP21, TYHL12, XXW+19, YWQ+21, ZWCS20].
Consistency [OCS01, ADM06, ANTZ09, CY07, GKPT13, HWY+17, TP20, VSK17, WCWG20, WNT02, YMZ+20]. \textit{consistent} [PQP13, YLZ20].

consolidated [HTZ+22]. \textit{consolidation} [ACG15, ACG17, AMAB17, BB12, BB15, IRB19, LBdM+16, PKM21, ZBZ+18].

consortium [JB21]. \textit{constant} [ZYW+19]. \textit{constant-size} [ZYW+19].

constellation [Man21].

Constraint [YSW19, AZM20, DAC12, GAE+06, LWFL14, LGL16b, LNCY11, LLT09, LWYZ19, LZBF17, MHLC05, PCGE18, QW17, RYG+21, USI21, ZWX19, ZH15, ZFJW19, ZLA+15]. \textit{Constraint} [YSW19, AZM20, DAC12, GAE+06, LWFL14, LGL16b, LNCY11, LLT09, LWYZ19, LZBF17, MHLC05, PCGE18, QW17, RYG+21, USI21, ZWX19, ZH15, ZFJW19, ZLA+15].

Constraint-based [DAC12]. \textit{constraints} [ACG15, ACG17, AAE+09, CY07, Cuz11, Hun15, KS19+19, ZWY19].

Construct [CCCC06, zGWXT09]. \textit{Constructing} [AVS+19, WKL+11, ZIC15, LLL14, KRW17, KKM21, RRR15, WCR+14, XZJ11, ZHX+21, ZM13, ZZ11].

Construction [JCL+20, Liu21, WZ20b, FSW21, GCO+14, IKP19, KJ19a, LPHK20, LFZ+17, LCW+17, SB07, SN16, WXY10, WBO16, WJLC21, YWL+17a, YLL+19, YLZ20].

consumer [CZJY19, LSZ19].

costing [ZQD+17].

Contact [XM02]. \textit{container} [ASJ21, BTCGL17, BPD06, CI20, GKP+19, IAA20, SP21a, YPY21, ZHZ+22]. \textit{container-based} [BTCGL17, SP21a, ZHZ+22].

containerized [JGJ+21].

containers [EK91, MGS+20, MAK18, SLC20, WJKS18, YHY+19]. \textit{Contaminant} [YGW17]. \textit{contaminants} [VLF+13]. \textit{Contemporary} [SNM5, RDB22].

Content [TLQ21, Zic12, BM10, BKLY20, CCK+17, CHZ10, CHZ12, CDF+17, IAO21, JQP08, LNKZ08, MWPL15, MWXP17, PW12, PZZ08, PZZ10, RSPV17, SGS08, SKS20, TSBR10, YQL+15, YPO21, ZW09].

Content-based [TLQ21, JQP08, MWPL15, TSBR10, YPO21]. \textit{contention} [BBK11, HDH18, DMT14, WYQ+13, XCL09]. \textit{contents} [HKMS21, PSHJ20].

Context [And13, BC21, BABLEH21, BKS18, CAC15, IHA+15, KHKK21, Vin21, BTT21, BJWY20, CMT13, DHC11, DCFC08, HZ12, HPS05, KR15, LGGG20, LMC19, LS05, LCM13, NSK21, YCP+20, PMC+21, PAd+17, Sod05, ZLY+13, ZIT+19, ZDC+09]. \textit{context} [DCFC08].

Context-Aware [BBW1, And13, BC21, BABLEH21, BKS18, IHA+15, KHKK21, DHC11, HZ12, A21, LGGG20, NSK21, YCP+20, ZLY+13].

Context-awareness [CAC15]. \textit{context-bounded} [PAd+17]. \textit{context-free} [LS05].

contexts [DPST06]. \textit{Contextual} [GAE+06, dCJAAdOD21, KM13, TW2+19, PPdSTB17]. \textit{contextualization} [PLJ18]. \textit{contiguous} [PMAL14]. \textit{continuity} [CN16, ZXLD21]. \textit{Continuous} [DDM16, LWYM16, LCT16, TMP16, TBL2, TSKM18, ZSZ+14]. \textit{contour} [BTT21, LW20b]. \textit{contourlet} [PJW14]. \textit{contours} [PLL14, WJL+20].
contract [HLCH20, HLC19, NAR+22]. contracts [Ano21i, BZK+21, WWEB14, Dam11, dCJAAdOD21, SB21, ZOS+21].

contrast [SBA22, WLJ20]. contributions [BTP+21]. Control [AZA20, CN16, IABE11, KBL+21, NSSAK13, NSSAK16, Agr21, AFGL09, AAD20, ALZR11, ALR22, ALL+15, ACG15, AFG+05, BCD+02, BEQOR13, BMS+09, BT04, BWS+21, BHA+15b, BJ17, CLLL20, CSL08, CJ+18, CY22, CLH+16, CCZ+21, DMA13, DZ13, EABZB21, EI22, FJ05, FR02, GBSHA01, IS10, JSG17, dCJBP20, KKDS19, Kar16, KKK+19, KKP20, KHHK21, KN19, LM08, LX+12, LZX+17b, LCW+19, Li19, LLLS18, LZL+20b, LWL+19, MLL+11, MLG15, MTGZ17, MABP13, NET20, NET21a, NET21b, QLZX19, RKL21, SARL13, Sin10, SCS+21, SW11, SW12, TL19, TJF14, TDM+19, StzNL16, TBK+15, WMA07, WLW11, WYW+17, XCL09, XHH12, XSLG20, XZW+20, XL21, YBO10, ZCC+06, ZYN+07, ZZ18, ZJT+19, ZWX16b, ZCXH17, ZQR+19, ZZL+18].

ControlChain [AAD20]. controlled [KBB17, MSS+20, RCB+04, TV14, ZM1D11]. controller [ACG17, BZWH21, EME19, KT22, LW06, NVIDIA, ZXXV21]. controllers [HJT+20, ZW17, ZTGW17]. Controlling [CHP17, dSGD14, dRC10].

convection [JN03, MO02a]. convection-dominated [JN03]. converge [WYQ+13]. converge-cast [WYQ+13]. Convergence [AYB21, SPQM20, CGBNM17, DWZ20a, KMRT18, LZW+16, LTT21, WLP+17, XWX+19].


Conway [SAB22]. Conway-Maxwell [SAB22]. Cooperation [Ano02, PRT09, KOOB15, MZW+16, OKBO19]. Cooperative [GdMK+18, GLC08, HK07, HJTX17, IOOH12, JX06, JLL18, QLS13, RIP18, SK17, ANP+20, Bou06, BDP18, CPB07, CWL03, DA15, EZJ+18, FXX16, JP21, KT19a, KIM+03, KKS12, MKIO04, NKKM21, SE01, WLL16, WBZ10, WBC21, XZH+17, ZYY+19]. coopetition [CDH+15]. coordinate [LFW20]. Coordinated [NB12, WXL21, YZ14, Sod05].

Coordinating [CSL08, RE03, Pun01, UR04, YLLZ09]. Coordination [CCT15, OM06b, BHBD13, CW11b, FGJ+21, LLysL16, MZ06, OM06a, RAN21, SNB+01, TCH+13, YLL+18]. coprocessor [DWC+15].

coprocessors [SSE19]. copying [GE06, HM03]. CORBA [BMV03, DPP03, MMSN+01, NDP+05, OSK+01, PVLV+02, SNB+01]. Core [ZQH12, AYN+14, ART14, AMTM17, ABC+15, AAW+02, AV21, ACCM17, AMZ19, BGG07, BHBD13, BUlS10, BRCV16, CPEA18, CLH+11, CZG16,
CPU-FPGA [JNMG21]. CPU-GPU [HSO+21]. CPU-MIC [MJD17].
CPU/GPU [NdSSSN20, RBC20]. CPU/graphics [GGV14]. CPU/multi
[SAP16]. CPUs [JdM12, KS21b, LC17, RCLSK16, SEF+14, ZDL+22].
crack [WLL+21b]. crawling [DH13, GDJ16, CMS17]. crawling
[GD22, KTU+21, PZZ08, PZZ10]. CRAY
[PSG03, BS04, BB13, BÇG14, BWHS18, BBW19, BBB+20c, Cla18, CKD+19,
DAC+18, HPH+20, HCD+18, Hic18, JKL19, KMRR20, KSM+19, KB18,
KAMB19, LKJ03, LSK04, MWRK18, MGS+20, MH18, RT20, SSSR20, TH19].

CrayPat [KAMB19]. Crays [BRL+20]. Creating
[CDH+15, CS15, DEF08, GGA+06, RBO+02]. creation [PLY13]. credibility
[AAQAR+17, ZW09]. credit [MNR+22, SR19c, XDP18]. criteria
[KS19b, KSPM12, PKC+20, SVS+08, WJ12]. criterion [MLWA19, TJ17b].

Critical [HL13, WK12, FAPC16, HAN19, KK21a, KMZ+20, LL10,
MWPX17, QML+17, RS12, SDH+17, ZQW+17, ZLW+20, LWC17].
crop [PB19b]. crops [SP22]. CROSSA [BAHL21]. Cross
[GRSB09, HM16, WRLS12, YLL+18, ZBC+17, ASE+17, CCLP19, DCJ14,
ET09, GW15, HKA+15, LLZ+20, LLMZ21, LPG+14, MYS19, MD02, RK21a,
SBGC21, SL20, WLZZ1a, XZJ11, YLD13, ZDC15]. cross-architecture
[GW15]. cross-cloud [YLD13, ZDC15]. Cross-clouds [HM16].
cross-correntropy [LLMZ21]. cross-currency [DCJ14]. cross-device
[SBGC21]. cross-disease [CCLP19]. cross-Grid [ET09].
cross-layer [WRLS12, YLL+18, HKA+15, SL20]. cross-media [MYS19].

Cross-organization [ZBC+07]. cross-platform [MD02]. cross-realm
[XZJ11]. cross-similarity-based [WLZ21a]. cross-view [RK21a].
crossbars [LLN+14]. crossed [WLQL16]. crossing [CZQ17]. crossover
[SS22a]. crowd [LLL+19]. crowdsensing [SWLJ17]. crowdsourced
[ARHT21, AYD21]. crowdsourcing
[LYF+17, RAG21, WJMM17, XZJ+16, XZC+21, XZRZ19].
crowdfunding [LNBL17]. Crunching [GT06]. cry [JYC+21].
cryptanalysis [WYL14].
crypto [CLH+11]. crypto-core [CHL+11]. cryptocurrencies
[FD20a, GDA+21]. cryptocurrencry [Ano21b]. cryptographic
[ABDP15, BYDC19, O018, QZDJ16, SV22]. cryptographically [HJM+11].
cryptography
[AMATE22, BOB13, BBM16, DK21, GAB19, NLYZ12, OK18, OTO18, Ogi20c].
cryptography-based [BOB13]. cryptosystem
[DK21, MS21a, PA21, sCR19]. crystalline [XBB13]. CSC [LPX+12].
CSE [DZZL19]. CSE2015 [PCC17]. CSFS [HYX05]. CSI300 [ZH+19].
CSP [MS10, XZXV21]. CSS [WCWB19, CS22]. CT [Y20b, XZ21a]. CTL
[BCCM16]. Cube [EJD15, WLQL16, AS15]. cubes [FHH+20]. cubic
[PMAL14, AAN+21]. cuckoo [AI21, CNG+20, DS20b, sCR19, LS19b].
CUDA [BY12, BAG17, CLYC16, DCD+14, ER12, FJZ+14, GWVP+14,
HP11, HLO+16, JPL22, KVGH11, KPS14, MMO+16, MNYY21, PAdS+17,
PGdC+18, PSHL11, PSV19, TNIB17, TVCB18, VLMPS+18, ZZ+15].


cyberinfrastructure [BFG14, CW07, HLL+15, UCH+17, KL21, KLM+11b, LGD15, MWm+M+17, PRC+14, ZABT+20].

cyberinfrastructure-based [HLL+15].

cyberinfrastructure-based [HLL+15].

cyberinfrastructure-based [HLL+15].

cyberinfrastructures [MRJ+14, PSC+17]. Cybersecurity [FGG+18, GH17, PO19, vdSTC21].


cycling [CGKW13]. cyclotomic [CL14]. Cyclotron [KD10]. cylinder [LX+19a].

Czechia [PKVS21].

D [CCW06, LHW20, OLG+15, QMC+20, RWW17, VDL+15, ACIC+13].

Boc19, CSMK19, CSE19, CPE+19, DCG11, EM14, FAM22, GB22, KSM+08a, MPB16, MCY+07, MJL01, PSLC11, PDC16, PSK+15, QSZL18, TLH+22, TTR+10, WZ+18, YBC+07, ZLKK17, ZQW+21].

D2 [XLXZ20].

D3 [JML+17].

DAC [HP+15, ABFL17, ABMdmAMF19].

DAG [HPD+15, ABFL17, PB22, RRR15]. DAG-schedules [RRR15].

dAI [AKK+07, AAB+05]. Daily [NZ+21, MAVG16, SS18, XY21].

DAM [LWM16].

damage [Wan18a, XGZ+20, YZL10].

damaged [Li21].

damages [GNMELC21].

Dark [Du18a, WZS20].

DARPA [SCC+10].

DART [DPMK10].

DartGrid [CWZM06].

Data [ABB+15, AMD20, CXT+16, DDB+21, EPB14, GS4b, GPZ04, HYQ17, KBJ21, KPS14, Lan17, LWCM21, LY14, MLS+15, MLA+19, MP04, PB21, PJ18, PB07b, PK08, PS13, PK22b, SG19, TA22, VZM+21, ABSE1h20, AaBT17, AKK+22a, AKK+07, ARHT21, AHB+10, AAN+21, AA21, ABSS22, AS21, JML+17, AMGCC17, ANP16, AC08, AN021c, AN021b, APHB16, ADM06, ARF21, AJAA21, AMAB17, ACJ21b, dRADFG17, AYB21, BYPO21, BA18, BA19, BBF21, BZEM20, BC16, BDG08, BTCB16,
data [CBQ+11, CPH20, CJP+21, CFV+08, CT11b, CCP+15, CTAB16, CM18, Cuz11, CS13, DCG11, DBD22, DMD18, DFLNP07, DLX+16, DGW16, DSC+21a, DS19, DCK21, DA22, DIK14, DCY+08, DKC+21, DPS21, DGL+12, DP10, DZJ+15, DDF+17, DM15, DZC16, DS17, DSH18, DWG19, DYP20, DC19b, DXM+17, DS15, DW16, DA15, EN19, EGB21, EK19, ES17, EJ15, EJD17, FVLS15, FAM+18, FDY21, F207, FN17, Gha20, GM17, GLM+16, GSR+19, GD07, GvDHS12, GTL06, GLS+19, GSW19, GBB22, GHT20, GKF+09, GKA+20, HA+19b, HVM+15, HNS+21, HKA+15, HAAA+16, HZHP09, HWQ+16, HAJL16, HSL19, HLL+21, HL19, HR18, HCG07, HYL+19, HWZ+15, HZ19, HLB10, HAV13, HKP21, IA+11, IBE11, IR19, IPRS21, JCP15, JIQ+17, JIF+08, JAC+21, JKL+17, JW21, JWT+20, JL18, JL14, JL15, JSZ22, KT20, KGW+20].

data [KBDA19, KKM21, KV20, KLJ21, KFML20, KTB17, KJM14, KOOB15, KT19b, KKL06, KZ+20, KTZ+18, KC18, KZ+05, KB13, KTK20, KB18, LBOE18, LSE+13, LS05, LL10, LTL+17, LP21, LCKJ21, LPH09, LLLJ14, LWF+15, LLC+15a, LWI15, LZY+16, LG17, LRLY17, LH1J18, L18, LWYZ19, LS19, LLJ+20, LFX+20, LXX20, LJZ21, LSD21, LH21, LFWS15, LGL+17, LLY16, LLLC16, LLJR21, LWLZ11, LPW15, LBY+16, LHLH16, LXW17, LHH+17, LMX+18, LDZ+19, LLRS19, LZY+20, LAC21, LMDP19, LYY+20, LMOT10, LPG+14, LLI16, LG16, M17, MYY18, MZJ+19, MT21, Mal05, MH+18, ML19a, ML20, MTT15, MBD+17, MRS03, MWRK18, MYS19, M19, MCB14, MRP+18, MCX15, MCM+08, MG21a, MWH21, MSM+14, MOB+21, MFG19, MFA+21, MLC+21, MLBV21, Nam19, NSPD021, NF21, NCD+08, NGXZ21, NDT+16, OOK10, O10, Ogi20c, Ogi20a, OT20, OLF21, OS21b].

data [OHFF20, OHJ13, OBD+18, OHS21, PD20, PS22, PCsH18, PYC+20, PMC+21, Pat08, PSB+20, PDY14, PLW+18, PL21, PMG19, PWS19, PHC14, PPKL21, PC17b, PKVS21, PQP13, PKM21, PKG16, PdCd3+12, PS07, PXY+07, PRU14, QXX16, QWW+16, QGZ18, QZY16, RM19, ROQL18, RSS20, RCYHR21, RS20, RP21c, RSKK19, RBT18, RKS02, RLZ15, RJ01, RLC16, RCCH19, RYG+21, SN21, SSSR20, SACRGL18, SIST18, SK21a, SK04, SGD15, SV21, SADB+16, SMD+21, SBJ+15, SSH19, SZG+19, SZZ20, SZZ+21, SM19a, SPB19, SDOM16, SRA16, SMBT07, SB19a, SSM+21, SB18, SM19b, SSYD20, SPHP21, SKA+14, SRG+21, SCV+08, SWZ12, SLC+18, SLC+19, SP21b, T21, TTV08, TJ17b, TJ17a, T21, THW21, TWQ+21, TDC18, TBT+21, TLXX21, TCDMR+17, TL21, TD21, TC12, UY+22, UMD+13, VCF20, VSK17, VS11, VBW06, VG21, WWS+12, WL11, WSL15, WZS+15].

data
Deficit [LJML10]. defined [FO18, GYZ+20, GSVS21, GKM19, HLL+21, HLG17, KT22, LLC+15a, LCZ+20a, LZZ21, LGLZ20, SDR20, TSA+19, TTK+11, YY20a, YLW+22, ZTGW17]. Defining [CWM+21].
definition [BGM03, EMS15, MCG+08, OOTK01]. definitions [RV21, XWXC14].
Deflate [NMQ22]. Deflate-inflate [NMQ22].
definition [BGM03, EMS15, MCG+08, OOTK01]. definitions [RV21, XWXC14].
Deflation [NMQ22].
defragmentation [KWZ+17, ALL+15, DZLH20, DZ13, JSA+20, LWFL14, OKBO19, QLL+22, RGCC15, WRLS12, WD+15, XW13, ZLG+19]. Delay [WYZ+17, ALL+15, DZLH20, DZ13, JSA+20, LWFL14, OKBO19, QLL+22, RGCC15, WRLS12, WD+15, XW13, ZLG+19]. Delay-bounded [WYZ+17].
delay-driven [KWZ+17].
delay-tolerant [ALL+15, OKBO19]. Delayed [MW21].
delays [AZM20, DBR13, TSLL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
delimitation [DLM13]. Delivering [YSL+15, AG17b, MCC+15, PSLC11, WL02]. delivery [CCK+17, HKA+15, LLX+21, VO15, WLL21a, YQL+15, Zhu21]. Delphoi [MvNK+06].
delta [WFY+22, ZQL+21, ZWZ+22]. delta-compressed [ZWZ+22]. deluge [BDG08]. demand [ASWR12, BKWM19, CCS+10, CSG+22, FSN+19, GZ20, JG20, KBDA19, LL10, LWYM16, MS17a, MS17b, MS18, SPA+21, VGN+16, VO15]. demand-aware [CZG16, LWYM16]. demand-based [VO15]. demand-side [GZ20]. demanded [AZM20, DBR13, TSL21]. delegatable [Rua15]. Delegation [GLL16].
[Ano21d, BYN+17, BK21, BKH08, BAZ09, CHX+19, DIM18, EEK+04, 
EFM17, FA18, FO18, GG09, GCN09, GLC07, HKA+15, HG11, KDL20, 
KGW+20, KL19, KJKH03, KVGH11, KN19, LCM12, LCC+18, ML19a, 
MPT07, Ne05, PSS+19, PFC+17, PL15, Puf13, QW17, RGL+15, SIS19, 
Sin10, TD21, Wan18a, YCL11, ZX21b, AM01, AAB+05, BCC+21, BBGA03, 
CFPJ+17, CWC10, CLH+11, CHM15, DP14, DZL+17b, Dra15, EM19, 
EB10, FGL+20, GTFA13, GRGP12, GO22, HZHP09, HXY+12, HL20, HH19, 
HPS+12, ISkW02, JCVU15, JM07, KWL+04, KAP13, KDW+17, LGdVH13, 
LZW+17a, LRS15, MG20, MKKB04, Mos19, PRC+14, PPBB14, PMG+15, 
PS19a, RCC17, SGM18, SAdB+16, SBJ+15, SCGZ19, SACJ04, SSM04, 
SWL+01, SM19c, TKHA13, TS22, WN21, XBXS13, XL17, YYC10, YBB+07, 
Y20c]. designed [JOC15]. Designing [ABR+06, PZH+15, RBB+09, Rua15, 
RBVRG+14, SN22, SS12, SCdLV20, AMRS14, CWMW15, Mi17b, TL21, 
VGL+16, XBJ10, ZCL14]. designs [MAS+14]. desk [HFF07]. desktop 
[GKG+04, LJHL10, TAB+06, THF15, WJ09, ACJ10, LWY+16]. desmoking [LJP21]. destructive [EZJ18]. Detailed [SLG+16]. Detect 
[MRY+16, Gho21, GGC19, SSS+20]. Detecting [BA19, KM21a, 
MAdS+10, WWL+17b, ZT09, ARS22, AYKE21, GWHJ19, HP+15, 
HL20, KI+22, KST21, LCH+06, PKK21, XYL21]. Detection [AMSS15, 
GKM19, HFH+21, JKS20, SLV12, SRR19, VB21, YWL+17b, YZ19, 
ZXW+21, AM20a, AMJK21, AWR+17, AAARR20, 
ABK+18, MS22a, AMP+18, AI21, Ano21-39, AKZA22, AKU22, 
BL20, BA18, BST+22, BLCC19, BK21, BTKC16, BAK22, BD21, Boc21, 
BMP17, CSL+19, CRB+17, CCCC06, CYD+15, CK21a, CCGN20, Cho20, 
GCI17, ÇG21, DLJ15, DDH+20, DSYF22, DP22, DS0b, DD21, DLF+17, 
Du18b, ENB+20, ECP18, FRKS12, GPDB20, GF07, GYZ+20, GRTX18, 
HDG09, HWB21, HS+18, HCS18, HA21, HYGF19, JL+17, JNS22, 
JKV+15, JDG22, KL19, KV22, KMBR19, KKB21, KP21, KST21, LAF+22, 
LLL15, LW+16, LQG+17, LZL17a, LL18, LZ+18, Li19, LPW+21, 
MLCL19, LC21, LGQG17, LML+18, LSLY20, LZW+21, LXC+22, 
LXJ+22, LLC+22, LAC21, LMDP19, LWZ+20, LCZ+02, LCZ+20b, 
MRGP22, ML20, MW18, MPVT17, 
MMA+17, MZA19, MCN20, NBS+22, NSBT21]. detection [NRP+20, 
NJ21, PD20, PS22, PAN22, PFC14, PVS18, PDCA17, PL21, 
PS07, RP19, RK21a, RS16, RDB22, RLZ12, RG17, SZM19, SBA22, 
SG21, SK21, SZZ+21, SL18, SPKK22, SM19b, SS22c, SM22, SFJ+21, 
SRD20, TNP21, TÖ21, UWF+21, VS19, VS21, VJ19, VRDTB+16, 
WL11a, WZJD13, WDQ+18, WFL18, WKL21, WX19, WJL+20, WYM+19, 
WW19, WJL+20, WFL+22, WBC+17, WLL20, WSJ+21, WLL+21b, 
WZ+21, WZG+21, WCW21, XCY+20, XGZ+20, Yan19b, YYY22, 
XZY+15, ZHD+22, ZWS18, ZXX17, ZLT+19, 
ZL19, ZX20, ZLZ+17, ZLW+18, ZLQ+18, ZCX+21, ZWW+18, ZHXY22]. detections [Qi17]. detector 
[BST+22, DG21, EJZ+18, JKV+15, SS19b, YDL09, Gho21]. determination 
[AYG+21, MJL01, Yüc22]. determining [FOTW04, Riz04]. Deterministic
develop [SDSL18]. Developing [AA22a, RHZ+17, SRTG+07, YAA07, LTT+14, SMY+15, SR20b].

Developments [AAD22, FBC+01, KPD+21, KSN16, KHZ+15, MBB+04, MTF14, Nov02, SFLS14, YLAB14, BR10, DCM+08, DCFC+08, FAB+11, FPC+15, HCC+15, KA11, LGD+15, M002a, MGR+02, PGP+10, PSW11, SBB+21, SX21, SKR+17, VFA+17, VSB+15, WYY+19, ZGL+19, vLRF+02].

development [DDF+15, SFT+15]. deviation [WDQ+18]. deviations [RVR+10].

Device [TTD+11, BR10, CYK+21, CEB+18, GIV+10, KKK+19, MP04, PK22a, RAN+21, SBGC+21, WWL+17a, XHH+12, ZHM+17, ZWW+14]. device-oriented [KKK+19]. device-specific [SBGC+21]. device-to-device [WWL+17a, ZHM+17]. devices [AA16, Aia+15, CMCAA+17, CL+16, CFTT+17, DGM+18, ETR+15, JPAA+21, KSK+19, KPM+20, LLL+16, MBP+16, MBM+20a, MKO+17b, PSLC+11, PGF+19, SWZ+18, VLW+19, WKL+22]. DevOps [Air+17].

DEVS [BAZ+09, IPGCM+18]. DF [RSN+19]. DFA [HM20, TJD+17].


diagonal [HCG+21, XLL+15]. diagrams [WCR+14]. Dialect [TH22, Bac+03].


Dijkstra [PCR+21]. dilatational [HTR+10]. dimension [CEN+22, CBQ+11, KBB+21, LML+18, THW+21]. dimensional [AVS+19, AR+19, CWY+17, CS+21, DMC+18, DCC+18, DP+19, GBB+21, GSB+12, HLCW+15, IT+20, JQL+15, JN+03, JdM+12, KO+15, KYP+21, LLMM+19, LGL+20b, MMW+16, MJZ+17, MZ+19, MAB+13, Ogi+02, RCCH+19,
SWZ12, SP21b, TBK06, Wan18b, WCH+07, XDJY21, YZYT21, ZHJ19, ZHJ20, ZHJW21, ZM13, ZHZ+13]. \textbf{dimensionality} [AOACAQ21].


\textbf{Discovering} [RV21, MMMP01]. \textbf{discovering} [GD07, GBXL17, JS22, LXL+20, SAK+14, Ano21-35]. \textbf{Discover} [KKW+14, LHX+08, VZ+21, AMRW06, BM16, CLTT13, CSWC20, GZ+16, GFG+09, GWVP+14, HVM+15, LSSQ22, LKKL16, LDXC13, LAM+09, LLX+15b, MLS+15, MTHK14, ORDG15, OBD+18, RCB+04, RCXS09, RSTV07, SGG+07, TLPS+18, VCS+21, WQL+18, WGG+07, ZSZ15, SGG+07]. \textbf{discrete} [Ano21e, BA20, EKS20, FBS16, GFPGT21, KW19b, KSP21, LLO21, MQQQH01, SP16, SHP14, ZSQ22]. \textbf{discrete-time} [GFPGT21, LLO21, MQQQHO1]. \textbf{discrimination} [GPVCdBRO12, HZH+19, SPP+21, XLMH14]. \textbf{DisCSP} [PP17]. \textbf{disease} [CCLP19, HT21, Riz04, VLVS+22, ZC+21]. \textbf{disjoint} [ZWXS19]. \textbf{disjunctive} [HKA+20].


\textbf{dissemination} [BLSP11, LW+15, MWPX17, MLRR09, PF12, PK+22b, RSS20, RSPV17, WZS+15, YPO21]. \textbf{disseminative} [SW11]. \textbf{Distance} [YZW+15, Zha19, BOF15, CMD17, Eke22, HYGF19, KW21, THW21, ZGS17, ZWX+19]. \textbf{distance-based} [CMD17, HYGF19]. \textbf{Distance-bounding} [YZW+15]. \textbf{distances} [KFKD22]. \textbf{Distinguish} [He19]. \textbf{distinguished} [EMB+11]. \textbf{DistMe} [RTPPH12]. \textbf{distortion} [KK+21b, LHWT20, RGKK21].

\textbf{distraction} [MSA21]. \textbf{distribute} [RHL+18]. \textbf{Distributed} [FK+19, AOK+19, ADSV16, AC09, Ano15a, BM12, BCCM16, BZK+21, CL10, CRB09, CT12, CPXA06, CM07b, CMD17, DFG18a, DSMM+15, DBR13, DFR+10, DC19b, EN09, FF13, FB17, GJ17, GZX17, GBD16, HFF07, JBL16, JCK+13, Joz05, KMH+18, MWL+13, MN10, NSB07, PKK21, PHGK10, PDD14, RJ01, STS+19, ST21, SCLK15, TWSM05, TTL05, TW07, TMZ07, Tur04, Ur07, VC16, XLWZ11, YWQ+21, ZF18, ZWMT12, ACJ10, ACJ21a, ASJ21, AAW+02, Adams+19, ABD009, AGF16, APHB16, AFT01, AJ21b, AMZ19, AT18, APL+21, BGGL+07, BFL+10, BBCG02, BWTJ20, BAN20, BDF15, BAS07, Bzdr+10, BDVO2, BYT+12, BM02, BBA+03, BDM+05, CF21, CLMM12, CLNR18, CLR18, CACC11, CLTT13, CBPP02, CNG+13, CYC+21, CZQ17, CKC09, CLH+15, CGH+06, CGN15, CN02, CPSP17, Cud20,
DCG11, DD17, DST11, DBGA16, DVB14, DP22]. distributed
[DLH01, DWC09, DKK16, DvNM+11a, DvNM+11b, DL07, DZM+15, DJGF21, EDBS08, EABVGV14, EBGS01, EJF+16, EFA+17, FHB+01, FJ05, FT06, FD20a, FCMM20, FN13, FBS16, GGHR16, GDJ16, GKP+19, GVC10, GLC07, GCL08, GLS+19, GLD17, HWL18, HWR03, HKG08, IbxA+02, JKL+17, JSPE15, JZL15, KAL07, Kes04, KTB17, KHM+11b, KMJ14, KO06, KHZ+15, KSM+19, LI15, IWT+16, ILW17, LRLY17, LCW+19, Lia16, LMS18, LZC09, LDCD22, LLA08, LBDS15, LMOT10, MVwM+17, MST+05, MZ06, MMBP12, MLC04, MJ11, MFF04, MPSGD14, MLKD20, MHPA21, MRH14, MA15, MCSML07, MVML11, MP03, MDL+10, NKKM21, Not16a, OSK+01, OKW18, OHJ13, OAS+15, OM06a, PCVZ+04, PFC14, PRS16, PN19, PVR+09, PHY+18, PLC+19, PWMX16, PWMX17, PAM+15, PSC+17, PK22a, PQP13, RBO+02, Rav16, RS11, PHY+18, PLC+19, PWMX16, PWMX17, PAM+15, PSC+17, PK22a, PQP13, RBO+02, Rav16, RS11, RGCC15, RHD+16, RM11, RO12a].

distributed-shared [RSTV05, RMCHMG15, SJB14, SK08, SKH+21, SFLS04, SILV12, SRM13a, SFCAV16, SG16, SMM18, SARL13, SCS17b, SFT15, SLIM05, SAM+17, SS19c, SHP14, SS15c, TTV08, TTL06, TBT+21, TP20, TLS22, TCH+21, TBK+15, TBH+18, VGL16, VT15, VFAD18, WGL06, WJY16, WML+19, WBZ21, WFHC21, WZLQ16, WW08, WTL07, WSL+20, XCHY13, XPWF15, XLT+17, XW13, XXLL17, XYL17, XLQ18, XWPM19, XLL+12, YDL09, YYP+19, YLJZ+13, YF20, ZLKK17, ZCZ+19, ZZZ+20, MQZ+16, ZW17, ZKR+07, ZZ17, ZCL+18, ZTL+21, dSGD14, vHMB08, vLDW11, KAA19, TM01]. distributed [RSTV05, RMCHMG15, SJB14, SK08, SKH+21, SFLS04, SILV12, SRM13a, SFCAV16, SG16, SMM18, SARL13, SCS17b, SFT15, SLIM05, SAM+17, SS19c, SHP14, SS15c, TTV08, TTL06, TBT+21, TP20, TLS22, TCH+13, TBK+15, TBH+18, VGL16, VT15, VFAD18, WGL06, WJY16, WML+19, WBZ21, WFHC21, WZLQ16, WW08, WTL07, WSL+20, XCHY13, XPWF15, XLT+17, XW13, XXLL17, XYL17, XLQ18, XWPM19, XLL+12, YDL09, YYP+19, YLJZ+13, YF20, ZLKK17, ZCZ+19, ZZZ+20, MQZ+16, ZW17, ZKR+07, ZZ17, ZCL+18, ZTL+21, dSGD14, vHMB08, vLDW11, KAA19, TM01].

...


dragonfly [YESG+17b, YESG+17a, ZZLZ21]. DRGs [LHB+19]. drill [DSP16]. drill-down [DSP16]. DRIP [KMZ+20]. drive [Kum21, CKSC10].

driven [BPL+19, CLR18, CXT+18, CJP+21, CM02, DMA13, DCFC08, EdPG+10, FSG19, FMT16, GLMT15, HPS12, KBJ21, KWZ+21, KHZ+15, KCV+05, LFPP17, LW05, LTL+17, LGY17, LY14, MCT22, MT19a, PS10, PLL14, RFD+12, RF21, SRAG16, SB18, TCDMR+17, XDL+11, Xia20, ZDH+22, ZIC+15, ZZLZ21, MTY21].

drivers [GDA+21, KVP21]. driving [Cho20, DKL21]. DRL [JDG22].

DroidAuditor [QXJS17]. drop [ALL+15]. dropping [GGLD11].

drowsy [Cho20]. drug [BBGA03, GWVP+14, JvAB+15]. drugs [KA21a].

dynamic [RYG+21, SKK02, STL+15, TSKM18, WRDZ13, XCL09, XBXS13, XB10, XLYL17, XWH+17, YIN19, YSL+21a, YZPL21, YCSY19, YZ21, YSC+20, YL01, Zen19a, ZP06, ZEB10, ZZW21, ZZY+15, ZZZX19, ZZL+18, dRdSC+21]. dynamic-memory [GY+11]. dynamical...
Dynamically [KL02, And13, GGFFGB14, HLYD12, KW19b, Li04, SWH08, WCL+10].
dynamicity [ZK11].

Dynamics
[TSLL21, AabBT16, AHP+13, BDW14, CAG+13, CDP17, DLK+18, GKS09, JB19, KCD19, KPF+20, KF11, LGL16a, LZG+19, LYL21, RCB03, TCP+05, VCFZ20, VCW13, WJLD09, XTZ10, XR21, ZNT+16].
dynamics-based [AAJ16].

e-Bayesian [CSL20].
e-Business [DKMV07].
e-commerce [DJ19, PRS16].
e-course [ZL06].
e-Health [LRS15, LDS+08].
e-healthcare [BVS20].
e-infrastructure [ANK+17, CPSP17, CPE+19].
e-Infrastructure-based [CPPP21].
e-infrastructures [MBT+20].
e-Learning [NN+15, ABR+06, KKDS19, SW11].
e-maintenance [HL20].
e-Malaria [GKM+08].
e-polling [KSK19].
e-Research [SHG+07].
e-Science [MMP+07, GBB+15, ABR+06, KKDS19, SW11].
e-maintenance [HL20].
e-Malaria [GKM+08].

EASE [YLL+21].

EASI [WNN+15].

EASI-CLOUDS [WNN+15].
easily [PKB03].
easy [MTA+07].

EasyGrid [BR04, BFM+06].
eavesdrop [PCL17].
EC [RJ22].
EC2 [PRNM19].

Ecce [SDB02].
EcForest [YHASZ19].
ECG [AS20, KPM20].
Echo [SSB+20].

Ecology [SZ11].
eCommerce [AHH14].
economic [DP22].
economically [KDS+20, MRS+10].
ecosystem [DS22, HFTQ13, SAM+17, WFC21].
ecosystems [BR21, LFHT15].

ECperf [BG04].
ECR [CPLX21].
EDA [WK15].

Edge
[Agr21, PKC+20, BTDJ21, CHMC21, CLT+21, DDB+21, DED07, DG21, DKC+21, DYF20, GSK19, JLL18, KSK19, KAP20, KKP20, LCCT22, LZW+21, MT19b, MJS19, MGN+22, NMQ22, QLL+22, SSN21, SZG+19, TWL+20, TWG+21, VYKM19, VG21, WML+19, XCL+21, YLZ+21, ZFWJ19].

e-edge-based [TWL+20].

Edge-cloud [KSK19].

Edge-enabled [PKC+20].

Edge-Fog-Cloud [Agr21].

Edition [FK19].
Editor [ZQH12].

Editorial
[AI17, AF14, BL17, BG14, BL13a, BXQ17, CGBNM17, CR13, CL13, Din09, DS17, DKJ13, DKJ16, EN09, ESG17, FH01, FN13, FOX10, FOX17a, GAM17, GZX17, HYQ17, HF17, HFFA20, KS21a, Lee09, LBT17, LBFS17, LWL17, Li17, LNBL17, MHJH16, MPSGD14, MH18, NPM19, OK18, PZO19, PCJ17,
Pie08, PDD14, PC17b, QD17, RHJ13, RS13, SRM13a, SG16, SFH13, SNM15, TP14, WR17, WDM14, WDK15, WYZAD20, XCHK14, Xha18, XCHY13, XPWF15, XADLC15, XBM14, XYS17, ZBE17, ZZ17, LS14, McE10].

Editorials

Editors
[HdV13]. Edman [KT20]. EDTL [DSYF22].

Education
[Che19, ABMMR19, Air17, AMRT14, HKMS21, LMH+14, LPW15].

educational [LGJ17].

EEG [KOOB15, LLJ+20, LML+18].

Effect
[CEB+18, ECIB20, RKL21, SC07a, WWY19, BGGS14, CAC+08, CH19, JVMN19, KTNT+01, KKKG04, PLM+19, QD17, QFG14, QFT14, RBNG15, RHT13, RLC16, SF16, SRAG16, SFT15, VRMB13, VRSJ15, VC16, WT15, WS17, XAK16, XSMZ16, XCHY13, Xha18, XPWF15, XADLC15, XBM14, XYS17, ZBE17, ZZ17, Zhu15].

Effective
[CHMC21, EBGS01, JKKL21, WO02, AD22, BLL+19, CM05, CCC12b, CS13, DRM22a, Dev21, ESGQ+11, HKS19, HKMS21, JK10, KQR+17, LSE+13, LCC+18, LWLZ20, LCCT22, MSP+13, MCXP15, MA15, MTY21, RSS20, SAPC21, SS17a, WSZ+18, YBX+17, ZLN+13].

effectiveness
[CRB+17, CTY15, Eng15, KAL07, LLa08, MSZ18, YBX+17, ZLN+13].

efficient
[AZM20, AM20a, AD02, ANPR16, BB02, CCW04, CLF+17, CGN15, DOJ21, DOJ+19, DZ17, GKS+07, GP07, GO18, HZC+14, HKA20, HWQ+16, HG18, HC07, HLO+16, JPN21, KML21, LCSR21, LLL15, LCT16, LC22, L_Z15, LZW+21, LAC21, MTM19, NWT21, PZ11, PL21, QNZP22, RLDZ13, ST017, SSK20, SSS17, SSS21, SSS22, TTA20, TY15, Tru15, VRB21, WR17, WCLH12, WTL+16, XDJ18, XLL+15, XL17, XHW+19, YLT+21, YG19, ZYLY18].

efficiency
[CRB+17, CTY15, Eng15, KAL07, LLa08, MSZ18, YBX+17, ZLN+13].

effects
[BDW14, JAU19, PL+19, YG19, ZZYW10].

efficacy
[LWW06].
MZI+19, MT21, MG20, MS21a, MNYN21, MS21c, MST13, MMB+17, MCNR20, NK19, NFF21, NA22, NQ21, NSSS22, NS19, OGA+01, OBTC20, OHRS21, PP21, PA18, PPLL10, PS19a, PBB19, PS07, ROQL18, RGKK21, RR91, RHu+19, RSJ21, RAG21, RPM13b, RYG+21, SRS16, SR19a, SBV19, SRM+15, SER15, SK04, Sha15, SHST13, SNGK21, SQS+19, SVG12, STTW18, SR20a, SKJ17, SYMA17, SBB+20, SGHL20, TJQ+17, TAB21, TLLX21, TS22, VVYK19, WBZ10, WWL18, WTY+19, WCWG20, WFLY+22, WZ16, WSWL12, WXY20, WS19b, XRD+17. **efficient**

[XYLW21, XJZ13, XGZH15, XY17, XLQL18, ZXW+20, YBO10, YLZ+21, YLL09, YYYC10, YMWA21, YYC+19, YF13, YPO21, YLY+21, XWX16a, ZY06, ZY12, ZLJ13, ZSZ+14, ZW15, ZS17, ZWT+18, ZHX+21, ZSQ22, ZQZ+16, ZWX19, ZH15, ZC15, ZHZ+13, ZFJ16, ZHGX16, ZGX11, sCR19, vNMW+05]. **efficiently** [RHL+18, ZYH12]. **effort** [SBB12]. **eigenproblem** [PV04]. **Eigensolver** [CKD+19, AYN+14, BWD15, RR11]. **eigenvalue** [BWD15, BIK+11, GSV03, GKK09, MM21, YDS+14]. **einit** [CLE+20].

**Elastic** [ASJ21, MDH+16, MVML11, PB16, YZPL21, CLNR18, GYP+16, LDXC13, MWPL15, SMFM18, WZYG19]. **elasticity** [KRB+20, drRRdCR16]. **elastohydrodynamic** [GB07]. **election** [HLW+19, JP21]. **electric** [CAC15, GZ10, PWH18, WW19, Xia20].

**electrical** [VCFZ20]. **electricity** [AJAA21]. **electroencephalogram** [TÖ21]. **electromagnetic** [AML+15, XMJ17]. **electromagnetics** [PSG03].

**electromyography** [CLY+21, LLI+22]. **electromyography-feature** [CLY+21]. **Electron** [CRC+15b, GSB+12, GS21]. **electronic** [CKRO13, GGFPGB14, JDH+18, KRK21, RGL+15, SHZY20, SGL+17, YLM21].

**electrophysiology** [KSM+08a]. **electrostatic** [VDL+15]. **element** [BJ01, BCA+10, CC13, CSTV06, GGR+10, HKB07, JN03, KW19b, LLY+19a, LHBW15, MO02a, OA02, PSV19, QH10, XM02, YYYW19, ZGL19].

**element-by-element** [OA02]. **elements** [BHPS14, TGB+10]. **elephant** [BK22]. **elevation** [DLM13]. **elevator** [BDH18, LCZ+20a]. **elicitation** [RBD17].

**Elimination** [LGFM05, AM01, DDF+15, FED03, KSI9c, LW06, Tan12, TLX+17]. **elite** [LYG+21]. **Elliptic** [PSB+20, AMAT22, BJ01, BB16, DVD+12, PA21].

**ELM** [LLJ+22]. **Elman** [WWG21]. **email** [CAK17]. **Embedded** [Fox17b, HTW14, MHJ16, VK12, Bri16, Fox17a, HXY+12, JPAA21, KHZ+15, LTK17, MSP+13, MØO17, RHT13, SDH+17, STWS12, SG18, VH12, WST+17, XCHY13, YWY+10, ZCX+21]. **Embedding** [WSL+20, CYQ+20, KBBH21, Li04, NJSZ19, RP21b, TJ17b, WLP+17, WZZ+20, WZHL21, YHASZ19, YLY18, YT21, ZLCL21, ZZXX19].

**embeddings** [HLH+20, Ona21, YFL18]. **embodiment** [TNH15, TN16].

**Emde** [Ku14]. **emergencies** [AG17b]. **emergency** [DZLH20, DWY+21, GSR+19, MSST15, NFG19, RSH17, SJ19, XZH+16].

**emergent** [GGR+10]. **Emerging** [Ang07, AYH20, CY15, CS06, DYF20, ZHY09, GLL16, WAD12, Qiu11, QFG14, QFT14]. **EMF** [Dra17]. **EMG** [TA22]. **Emmerald** [AB01]. **eMOLST** [vLDW11]. **Emotion**
emotional [GLZ19, TO21], emotions [PB21, RMS22], empathy [HCBLM16], Empirical [AHH14, AOACQ21, Bok12, CHZ10, GM17, GGV14, LH17], employees [JZB20], employing [HLS+20, HON04, TLX+17], emulated [VRDTB+16], emulation [NR08], Enable [Air17, ADM06, BM10, BBGA03, KKL09, LS19a, TMS+12], enabled [AHH14, AOACAQ21, Bok12, CHZ10, GM17, GGV14, LH17], enablement [CDH+15], enabling [ACC+15, BDI+07, CPS+14, DPK10, DDF+17, DZL+17a, HGDD20, KJ19b, LCA+19, LLLJ14, PF12, PML+05, SSN21, Spa19, SPSnV07, BR04, DR15, FPR05, LCA+19, LS19a, SV21, Spa19, SPSnV07, BR04, DR15, FPR05, LGA+20, LPW15, RMCA12, dRRdCRR16, SS22b], enactment [APL+21, OKP16], eNB [BN19], encoder [PMG19, ZLZ+22], encoding [BSZ09, DXG13, LC21, NMM21, OHRS21, PXY+07, RSTV07, SR19a, SGV12, TWZ+19, TZG+19, WBD+03, YJZZ19, ZYL106], encrypted [CDH+15], encryption [AMAT22, ATKH+17, BVS20, BZD16, CLH+16, CMMS17, CZ15b, CYDW20, HKA19b, HL19, LGP19, LFZ+17, LWW+19, LYSC21, LFZ+17, MG20, MML16, Nam19, SLG+20, SKB+17, TSG21, WZC16, WLFX17, WXWC14, XXX15, XZL+20b, YZCT17, YSQM19, ZYW+19], end [CGBNM17, CK13, CJ21a, GHLS19, GM10, JK13, LGL17, TMZ07, WL02, ZKJ+07, KLL+21], end-host [TMZ07], end-to-end [CK13], end-user [CJ21a], endoscopic [LJP+21], endpoints [WK20], endurance [ABK+18], Energy [ABC19, AZF+12, ANK+17, BFH17, CGMJ+19, CFTT17, EOD+19, IA22, IRB19, JZW13, Kar16, KB21, KHM+11b, KKWZ15, KSSK22, LGM21, LDPZ14, LZX+17b, LXX+21, LHH+20, LWL+19, MTM19, MABP13, MMB+17, NK19, PLM+19, PSICU18, PRV11, RJ22, RIWS17, SRS16, SR19a, SPC+21, Shal5, SHST13, SKJ17, SYMA17, WWX+19, WXYC20, XGXH15, YBO10, LYZ+21, YLW+22, ZJL13, ZWT+18, AZM20, AAT21, ALZR11, AAC+15, ADI+14, ADMQO14, ADSV16, AHK+15, AMAB17, ABDR13, BG14, BB12, BB15, BBDs+17, BKS22, BN19, BZL+22, CGST17, CAC15, CJ21a, CSL14, CLH13, CGKW13, CSB+16, Cud20, DS22, DA22, DXM+17, DMM17, EN19, EZJ+18, FMT16, GTF13, GSG20, GMVRGS15, GA09, GCPS+14, GVP+14, HVJ+19, HKA+15, HSL19, HLL+21, JZL14, KSJK12, KT19a, KC15, KBB17, KD19, KFM1L20, KTB17, KS19c, KN19, KCG+19, LCW+19, LK22], energy [LYC16, LDCD22, LAC21, MS13, MT21, MBMB18, ML19a, MTT20, MAVG16, MWKR18, MNYN21, MS21c, MST13, MCC16, NA22, NSSAK13, NSSAK16, OKBO19, PLL14, PT16+16, PLL17, QSQ+17, ROQL18, RGK021, RR15, RR19, RHR+19, RZC21, RMCN+07, dRRdCRR16, Roj19, RGB+15, SNP14, SQS+19, SSM+21, SR20a, SPQ+17, SR20b, SS22c, SSZ13, TY15, TAH22, Tru15, VRB21, WBJ10, WCZX16, WJL+20, WDT18, WS19b, XRD+17, XXLL17, XLZ20, XHW+19, YWQ+21, YLT+21, YSS+21, ZLF19,
environment [WLL03a, XXX15, YDB13, YR21, YCWH07, Yu20, YSC20, ZYZ06, ZYZ12, ZWL15, ZYZC17, ZL06, ZDL07, vNMW05, CKSC10, HBG06, IBvA02, JM19, LV12, MCSML07, SPR+07, vSB06].

Environmental [LLC21a, ZP19, BAT13, CJY20, LTL17, LL19a, MWRK18, ZKR+07].

Environments [CR08, CL08, CC09, EN09, RIP18, SRdS09, SF10, AKEC20, ABGT+12, AA21, ANCA19, AFG05, ABC21, ARPPM17, BYPO21, BCK+09, BMA03, BHA+15b, BW+08, BN21, CWD+21, CLR18, CMS21, CLQ+17, CVK15, CPE+19, CS13, DCG11, DFLNP07, DHC11, EN19, EAGVBVDS11, EABVGV14, FP02, FRU12, Gho21, GYL21, JRHJ16, JSP08, JPWH02, JK13, KKK+19, KRB20, KJ’S15, KZY18, LLMK18, LR05, LZC08, LZC09, LW13, LQL+15, MGS+20, MN05, MHPA21, MST15, MRAM+21, MRS+09, NNK+07, PYC+20, PGK11, PJP21, RRBB11, RWK+02, RVRD10, RHuR+19, RGCC15, RB17, SS17a, SKH+21, SBGC21, SHBC20, SN18, SM03, SV+12, SAP16, SA19, TZW+19, TB12, UR04, VGL16, WBD+19, WTL+16, XRD+17, YK10, AC+07].

EPIC [Nev17].

epidemic [PPM20].

epidemiology [SMS19].

epilepsy [DLC21].

epileptic [MLZ21b].

epistasis-tunable [MLZ21b].

EPK [SS21].

EPK-SVM [SS21].

equal [DLW19].

equal-area [DLW19].

equally [BA20].

equation [BdL06, LTZ+19, OLG+15, PS10, SKK11, Wan18b].

equations [BJ01, BEQOR17, BDE+19, CSTV06, FYKW15, GSV03, HKB07, KDD+18, MQOQOH01, PIAH12, TLY+15, WLL14].

Equilibrium [FCZ20, SPH13].

equipment [ZDQ+17].

equivalence [MdAA+21, RG18].

Era [SG19, AAT21, ELM+16, ESG17, LDZ+19].

erasure [PWMX16, XGC19, XWPM19].

erasure-coded [XWPM19].

ERD [Kri19].

ergonomics [SZT19].

ERLANG [NTK08, JBBH21].

ERP [HH19].

Errata [DKJ16, TNI16, WLWX16].

Erratum [Ano06, Ano15a, Ano15b, NSSAK16, YESG+17].

error [BZD16, KCS07, KK21b, LWS19, RKL21, SWS+18, TLM17, WH+20].

error-resilient [SWS+18].

error-tolerant [BZD16].

errors [BDW14, BL04, LCH+06].

eScience [Bou13, TH10, BDMM+05, MKO+17a, PS13].

Establishing [RCKV12, SJ19].

establishment [AASPR22, CVK15].

estate [LLA+22].

Estimating [BOF15, JSPE15, DS15, HSHT14, MA22, OHFF20, ZWLY16].
Estimation [KSJK21, LSX21, AMHC11, ABG\textsuperscript{+}13, DCK12, LP21, LWZC21, LLC\textsuperscript{+}15b, IWS19, PS21, RP21b, SAB22, SBB21, SWLJ17, TAB21, TYL22, VB16, WDT18, XCD\textsuperscript{+}20, YYR\textsuperscript{+}19, YGG14, YYJ\textsuperscript{+}20, ZZW21, vEGW06].

estimations [CSL20]. Estimator [ZCXH17, AA22a, AAK21c, HML19, HML20, KÖÖG22, LLH19, LAK22, OU22, TÖK21, FPHZ20].

Estimator-based [ZCXH17]. estimators [ADA22, GLA\textsuperscript{+}22, NSSS22].

ETAS [IRB19]. Ethereum [FD20b, KSA22].

Ethernet [Gog11, ZLA\textsuperscript{+}15].

ETL [DYW16, JWT\textsuperscript{+}20, TALT16]. ETNGRID [Ang07, CS06].

ETUBrazilOpenBio [ABB\textsuperscript{+}15].

Evaluating [AJY\textsuperscript{+}15, Ano21e, CWZL13, CJP\textsuperscript{+}21, DA19, FSG19, FP02, FBS16, GZH19, GLW21, GLW22, GCN09, GRTX18, KM21a, Kar14a, KW11, LWT\textsuperscript{+}16, LLX15b, LLZ\textsuperscript{+}17a, LPC\textsuperscript{+}21, MLZ19, MT19a, PVCS18, SWD\textsuperscript{+}17, SHP14, TL19, VEJD17, WDQ\textsuperscript{+}18, WK12, WCLC13, YP10, ZIC15, ZFT08].

event-based [SWD\textsuperscript{+}17, YP10, ZFT08].

event-driven [FSG19, MT19a, ZIC15].

event-triggered [TL19].

events [ARS22, DSS21, GLW21, JZB20, KIW\textsuperscript{+}22, PMR\textsuperscript{+}21, SGJ\textsuperscript{+}17, XZH\textsuperscript{+}16].

Every [HLW\textsuperscript{+}19]. Everywhere [AJM12].

Eviction-cost-aware [CPLX21]. evidence [TIWZ14, YY19, ZW09].

evidence-based [ZW09]. evidences [AYG\textsuperscript{+}21].

Evolutionary [Du18c, NBHN22, YYJ\textsuperscript{+}21, ZQLZ12, AA22b, AMA22,

extension [DIK14, HKRR08, JYW+20, PMC+21, SCV+08, cWSThY19, ZG04]. extensions [ANTZ09, BDT01, ISKvW02, Pac16, SIOS02, ZZ14, vRKS03]. extent [AHV21]. external [CPYC21, LSL+17, ZYFZ19]. extract [CZL+17, LWZ+17]. Extracting [CSBL12, MGM+08, YSS+21, ZCLL19, BWW+20]. Extraction [PYC+20, BTBC16, BKM+21, CSL+19, CLX+21, DCG11, DPK10, DLC+21, GLW22, HWBZ21, HLO+16, LN20, Li21, LFX+08, RA21, RMS22, RVVPD+17, SBB+20, T17a1, VLVS22, WYZ12, WHJ+20, XY21, YTL19, ZNL22]. Extractive [YHASZ19]. extrapolation [CH04, KRS11]. Extreme [BCA+10, ANP+20, APM+21, BBB+14, DJJ+15, EN16, LLMZ21, LRRG15, TLX+17, TS22, TUD21, WQS+16, YLL+18]. extreme-scale [ANP+20, BBB+14, EN16, YLL+18]. extremely [MWW10]. Exudates [ZBZ+15, SBA22]. Eye [MRS+09, PB21]. EZRP [KABD07].

[ACC+12, BBF21, BEDK18, DPFC20, DFC12, DÇK+18, FYKW15, GCO+14, HBD18, HXY+22, LLH+17, NN07, PSHL11, WBO16, ZGZ19, ZZWZ21, AB01, Ben21, CWL+21, CLX+21, CWL+22, CL19, DLZ6, DZL+17b, FOTW04, HAA+17, JZL21, KW19a, KCB09, KJHM21, Kul14, LZH+15, LZJ+18, LLC+22, LY14, MKKB04, MRH14, MWL18, NA15, PFP+20, PML14, SJVR15, SR21, TCP+05, WZLQ15, ZTM21, ZSS18].

faster [LS15]. FastFlow [ART14]. fat [ESGQ+11, LGY17, ZJKL+10].

fat-tree [LGY17, ZJKL+10]. fat-trees [ESGQ+11]. FATM [ACJ21a].

Fault [AAE+09, BV11, DR21, FHH+20, FD01, LHT+09, ASB+19, NDF+05, ZJS11, ACJ10, ANP+20, AM20b, ACJ21a, ADM06, AFH21, BF07, BHBD13, CCCC06, CLE+20, CJZ+15, CDC20, DT01, E12, GWHJL19, GGR+10, GG19, HTR10, ISS+02, ITO21, KAL07, LAC21, MB21, OKM10, YK16, PGL+17, PK11, QNZP22, ROA+07, VYK+10, VG20, XPWF15, XTLG08, YY19].

Fault-tolerance [FHH+20, CLE+20, CJZ+15]. Fault-Tolerant [NDP+05, AAE+09, FD01, ZJS11, ACJ10, AM20b, BF07, Fec12, ITO21, KAL07, MB21, PGL+17, QNZP22, VG20].

faulted [PNL10]. faults [KF15, XM02, ZCXH17].

FC2Q [ACG15]. FCM [KSS21].

feasible [BdL06, HKG08, KCL+20, SS15b, SZA08].

feature-based [vdSTC21]. Feature-oriented [Pre01]. Features [KS05, vLGL+02, BLCC19, BT21, BDY03, Boz22, CMLL21, CLL+21, DRM22a, FLP20, GS21, KBB+15, LSH+16, LCM+17, LW20b, LWC+21, LWC21, LPZ+22, NNV22, TUD21, VYK19, ZY16, ZWW+18, ZHW+16].

features-based [Boz22, LPZ+22]. Feautrier [Viv03]. federated [BFG14, GRBS09, GVK12, KMG+18, LHL10, LDMD+16, MSST15, MA22, PCG+21, HF17].

federated [AASPR22, BCTG17, MLL+17]. federations [DMRS15, HAAWA+16]. feed [HH19]. feedback [SBGC21, YGZ+21].

FEM [OA02]. femtocell [WRDZ13]. Fengyun [ZWJG21]. Ferrini [Ano06].

fertility [GFA21, RM21]. fetch [MN15, WLLL18]. FFBAT [AMS17].

FFNet [HLW+21]. FFT [BHM+12, DT01, JK17+16, SN19]. FFTs [JKD19].

Fi [MB17, MM20a, NLG+20]. fiber [KJ19b]. field [JVMN19, KMMJ+17, MZ06, NNH+14, TAB21, XXY+16]. field-based [MZ06].

field-programmable [NNH+14]. fields [GBXL17, HCKF15]. Fifteenth [BJ18].
DL10, DT17, DZM+15, FLP20, GLJ20, HYX05, HCK+08, ID18, IT03, IP20, KKL09, Lia16, LLH+17, LLY09, Mit17b, PGF19, SACRGL18, SNB+01, TSA21, TWIN07, Tru15, YYY10, ZH08, AC08. file-transfer [AC06]. files [CCC12a, LYL07, LLY09, SdOV16, ZZC+17]. filling [LBH07]. filter [AA16, ATKh+17, BY12, CDPI7, DCM21, JYW+20, Jso05, LWQ19, LY+21, LSQW21, PWH18, PA18, SS19a, SS19b, WMY+21]. filtering [AZI20, ACJ21b, BHA+15b, CWL+21, CWL+22, CKAH17, DFG+18b, Du18a, IZXM09, JML+16, KM21a, LXY+21, LH17, NLB22, SWD+17, TZLC15, VSl1, WTY+19, WWG+20, YAG19, Yil21b]. filters [GPV09, SR21]. finance [DMD16, JHCH19, PW12, TP14, DDE+12]. Financial [YWLQ18, FSWW21, GCO+14, GQH17, GGS+16, HJH19, HXZH21, MB16, QGZL18, RDP10, TTPJ16, YL19]. find [KSCL21, STTW18]. Finding [ATI14, BL04, CT11a, DS02, JCVU15, KB13, MLZ19, MSV+10, KHM+11b, LSL+17, TZK16]. findings [GCPS+14]. Fine [BVGEAFG11, BHA+15b, Hoa10, JCP15, KWL+04, CLH+16, CLX+12, JSR+19a, MCNR20, NNvVdA09, QML+17, RAFD14,RLVRGAI4,SK18, TNI15, TNI16, sTzNL16, WLW11, WZL+17a, ZYN+07]. Fine-grain [Hoa10, JCP15, NNvVdA09]. Fine-grained [BHA+15b, KWL+04, CLH+16, CLX+12, JSR+19a, MCNR20, RAFD14, RLRGAI4, SK18, TNI15, TNI16, sTzNL16, WLW11, WZL+17a, ZYN+07]. finger [CCG+08]. fingerprint [Li21, ZHW+16]. Finite [XM02, BJ01, BCA+10, BHPIS14, CDOO+20, CC13, CSTV06, JN03, LLY+19a, LHBBW15, MO02a, NNH+14, OFR+17, PGS03, PSV19, PH12, PSCK+15, QH10, TGB+10, ZGL19]. finite-difference [CDOO+20]. finite-differencing [PH12]. Finite-element [XM02, JN03, MO02a]. finite-volume [PSG03]. FIR [SS19a, SR21]. fire [ACC17, CK21a, PCG+21]. firefly [AMS17, CDC20, DS19, KT20, KS22, PZD+21, Yu21, PI21]. firewall [CWMW15]. FireWorks [JOC+15]. First [MLA+08, WJL09, MKO+17a, MSPDP19, MSPDP20, MLAL14, CR08, CS06, DT15b]. fish [LKPM09]. fit [MLAL14]. fitness [BSP11, CA22, EOD+19]. fitness-based [CA22]. Fitting [GM17, Ley06, PLL14]. fixed [CY07, KW11, PSV19]. fixed-grid [PSV19]. fixed-priority [KW11]. fixed-time [CY07]. FGGA [PI21]. flame [CCGN20]. FLAPW [DFTDH18]. flash [CPLX21, LWF+15, ZWXZ21, DVD+12, AMABS18]. flash-based [CPLX21]. Flexibility [BKM+07a]. Flexible [BAVM11, CGKW13, CJ12, HR18, PB22, TXW121, ACG18, BM10, BFM+10, CCL+17, CEG+05, DZL+17a, EI22, HGX+22, IT03, LGL+17, LZQ+22, WNT02, XHST20, ZSX21, dRC10, vNMW+05]. flight [ZQMC19]. Flink [ZQL+21]. FLND [SS19b]. Floating [DKC+21, BTG06, LCM12, TLM17]. floating-point [BTG06, TLM17]. flood [HGB+08]. flooding [GS08, GKM19, LLH+18]. flooding-based [GS08]. floorplanning [ACIC+13]. flow [AMTM17, BZB17, BMY+20, DBS+22, DdB01, EFM17, GCWE15, GPS+07, GKM19, HKB07, HGDD20, IABE11,
four-dimensional [WCH+07]. Fourier [SP16, WCH+18, ZSQ22].

FPGA-accelerated [QSX+17, TPT+18]. FPGA-based

[Ben22]. Frontier [XADLC15, JH21, LWL15, TZK16]. Frontiers
[ZYH09, AYH20, ZYH12]. frost [GNMELC21]. FRP [WZLQ16]. fruits
[GNMELC21]. FSO [BAK19]. FSVM [XLG19]. FT [XTLG08]. FT-Grid
[XTLG08]. fuel [SR19b]. Fulfilling [HHPL16]. Full
[CSC+17, RSTV05, DMM17, MB16, NK19, Pla08, SN22, ZNT+16, ZZY+19].
full-adder [NK19, SN22]. full-duplex [ZZY+19]. full-pixel [Pla08].
full-system [DMM17]. Fully
[AMM+20, ÇÇ21, NFG19, OHJ13, SK04, ZABP18]. fun [vdS06b]. Function
[Soo16, AAN+21, ARC22, Boe12, CWLL20, CMMS17, HTWW19, KPJ+21,
KEMZ22, KS19c, LZC21, LGQS12, LM+18, LMĐP19, OKJ+21, PJ21,
PL21, PSM+11, SJISVR17, TSA+19, TQL+14, VP22, WLX21, ZHX+21].
function-based [PL21]. function-call [HTWW19]. functional
[CC15, KS05, LDPZ14, MSP+19, SRL+14, TBH+18]. functionally
[PSV19]. functioning [HKMS12]. Fund
[HXRH21]. Fundamental [DJF21]. Fundus [SBA22]. fungal [CC12].
fused [Aka22b, FTT15]. Fusion [DRM22a, WZH21, AT01, AP+21,
MS22a, And13, BST+22, CWL+21, CWL+22, CMLL21, DP22, GKS+07,
GZC+22, GIVRC+10, GL19, HWBZ21, HLW+21, KEK+20, KW18,
KCL+20, KCI18, LIC+20, PJ18, RMCHMG15, SZ18, SR19c, SS42c,
WLW14, WZ20b, WZG21, YLWL20, ZZZ+22, ZDJ+21]. FuSTM [Ano21g].
Future
[Ano21-41, SCNH07, Arz17, BV22, CWDM+21, CFR+21, DLP03, GLW21,
HPCK22, KKK21, KAMB19, MKS+20, PKK21, PJD1, SN18, WK+11].
Futures [BGS14]. fuzzing [KSL21]. Fuzzy
[BYL20, CEMR19, JR22, AP22, APM22, ACG15, ACG17, Ano21g, BCTB16,
CWYX17, DS21, DG1, ECP18, HW16, JM22, KSS21, KRKM22, KV22,
KT19c, KSTV21, LZL+17b, LW06, LWC+21, MMBP12, MRAM+21,
MLWA19, MCN20, PSM+21, PCR21, PB21, QLXZ19, RSR06, SYRS+22,
SS19b, SC19, TWV+21, TGV18, WBD+19, WJL+20, WAY+21].
fuzzy-analytic [PMS+21]. fuzzy-based [PCR21].

G [LCY08, MCWL06, RMP+13a, RSTV07, YHK09]. G# [LGL16a]. G-1
[RMP+13a]. G-BLAST [YHK09]. G-PASS [MCWL06]. GA
[BPL12, FTT15, KSTV21, LLJ+22]. GA-ELM [LLJ+22]. GA-fuzzy
[KSTV21]. GAF [PWWR05]. gain [ZLCS21]. Galaxies [MCC+15]. Galaxy
[ACC+15, MSL+14]. Game
[BJC17, HJTX17, PR+14, AO19, ACC+20, BPW+20, CG10, CQXW14,
CLW+15, DR21, FCY17, FXX16, FCZ20, GWGR20, HML21, HAAWA+16,
K22, LC09, LZG+19, MZW+16, SS17a, TXZ+17, WWS+12, WLZ17,
XZH+17, Yan19a, YY+21, Zen19a, ZYY+19, ZOS+21]. game-based
[MZW+16, Zen19a]. game-theoretic [ACC+20, CG10]. games
[BDP18, CRC15a, DMS+21, Ios11, JVPI18]. GAMES [SSPG20]. Gamma
[MdAA+21]. gap [CZQ17, HM15, RSSM06, BHJ+16]. garbage
garbled [IKP19].

Garden [LS20]. Gas [KSA22, BRL+20, SPC+21, WJLD09, WSL+20].

Gaspar [MSS16]. gastric [CGS+21, LZY+21]. gate
[AM20b, JVMN19, NNH+14, SN22, TAB21]. gates [IKP19, QNZP22].

Gateway
[DT15b, WDGK15, BSC+15, BSML21, CYC21, CM07a, CJP+21, CGK+07, CDH+15, EABZB21, GWD15, JvAB+15, MRJ+14, MWL+15, MKX+15, PKC+20, PGP+10, PMG+15, SBJ+15, SvDO15, SBB+15, SMY+15, Sod07, SPJR+21, VZR+21, VCS+21, VSB+15, CGK+07, GBB+15, LPW15, PYF02].

Gateways [KS21a, WD07, ACF+07, CWDM+21, GBMM15, HMFK15, KLJ21, LZWD+15, MCC+15, MTA+07, MCD+15, OTG+07, SvDO15, Sod07, WBB+07]. gateways/virtual [CWDM+21]. gather [MTK16].

Gauging
[AP06, BCK+09, HM03, JM19, Kal11, Puf13, ZWX21].

Gauss [BEQOR17, Has17, KS19c, LL19c, Tan12]. Gaussian
[DDF+15, Du18a, HCKF15, LAKA21, MNR+22, PP21, VŠ11, WHC+20, YWL+17a, ZLH+18, ZLYS21, Zhu19]. gaze [MRS+09]. GbA [LZW17b].

GCC2004 [JX06]. GCE [Tho07]. GCF [FRB+06]. GCViR [TSBR10].

General
[ETR+13, MdAA+21, ABDP15, AdScDr+19, AVKE21, BSZ09, CSL+19, FRB+06, FBV+13, LKPM09, MWPL15, PSRR14, PVCS18, RMP+13a, RZL+19, SNK+15, TXY+16, WQL+18, WZL+22, WLW14].

General-purpose
[ETR+13, ABDP15, AdScDr+19, LKPM09, RMP+13a, SNK+15].

Generalized
[PHY+18, BCM+07, BMS+09, CL14, DFC12, KSM15, LWC+21, PP20b].

Generate [DIK14, PMC+21]. Generate-map-reduce [DIK14]. generated [CCPP21, He19, LTL+20, YOBS16]. Generating
[ER12, vHK+11, AAP13, Ios11, KHV+17].

Generative
[WZSZ20, DCWM20, Eke22, LSD21, SYT+21, ZDH+22, ZLT21, HBG+06].

genes [CodO+11].
[BCI+18, FO18, NPL19, PW12, SS+14]. **GPR** [XGZ+20]. **GPS**
[ARHT21, LWZ+19, LMC21, WMC21]. **GPS/WLAN** [LWZ+19]. **GPU**
[CSMS+19, SPZ+10, ADK+16, ABG+13, BP17, BG17, BEQOR13, BDE+19,
BFM+10, BAR21, BKS+15, CMVVRG17, CMMB3, CNAQ18, CS21,
CPM+3, CBB+19, CS16, DRZ+13, DCK+18, DMC+18, DBH+17, DE20,
ER12, EOD+19, FA18, Fer13, FTT15, FNI17, GSB+12, GMAT1, HSO+21,
Has17, HG18, HYG20, HQS+11, HW16, IOOH12, ISO+14, IPRS21,
JML+16, JLH+16, KW19a, KH12, KJM+17, KHPH20, KHF+17, LMM19,
LGP+19, LOSJ17, LDZ14b, LSH+16, LCT16, LZL+17b, LXYC17, LLH+15,
LS15, LLH+18, LSP15, LYT+20, MMO+16, MD19, MSN+19, MTK+21,
MLN15, MÖÖ+17, MM21, MWS11, NR+17, NS+17, NdSSSN20, NWT21,
OF+17, PDY14, PRG15, PDC16, PGdCJ+18, PL15, PLL17, PK17, PH12,
QWZ+19, RSC+15, RBC20, RMSF+12, RWK17, Roj19, SS19, SIRP17,
SAP16, SD15, SN16, STH+20, SSPG20, SS+15c, TPGC15, TDM+15,
TWH+22, VLJ17, VIL19]. **GPU** [VCF20, VLF+13, WLL15, WLL16,
WDG+14, WBO16, WWLD18, XAC+20, XMM17, XR21, YIN19, YTD17,
YLT+21, YTT19, ZLL+20, ZCL+18, ZDX12, dCRS11, QMC+20].
**GPU-accelerated** [ADK+16, MM21, CMMB13, IOOH12, JLH+16,
LZL+17b, LS15, LYT+20, PGdCJ+18]. **GPU-aware** [BDE+19, FA18].
**GPU-based** [ABG+13, DBH+17, HW16, LLM+18, MMO+16, PDC16, PK17,
RMSF+12, Roj19, SS19]. **GPU-clusters** [NWT21]. **GPU-FPGA**
[XAC+20]. **GPUAnimats** [QPS20]. **GPUs**
[ALKD16, ASS19, AHK+15, BDR+17, BAB21, BP20, BCI+09, BY12,
CGMJ+19, CLF+17, CZL12, ETR+13, GCGS20, GW15, HP11, HCKF15,
JKM+17, JSYAA20, KVGH1, KW18, KW21, KCL+20, KB13,
LALMG12, LC17, MSL+12, PSICU18, PSV19, RS11, RPRG17, RCL16,
Sor13, TXY+16, VLY17, VLMPS+18, VFG11, YDS+14, YKW20, ZZL+15].
**GPU-SGD** [JLH+16]. **graceful** [ZHWY22]. **GRADE** [Kac11]. **graded**
[PSV19]. **gradient**
[Jeo20, JLH+16, JWW17, KL19, SK09, SSK11, WWW+20, ML+10].
**gradient-based** [Jeo20]. **gradual** [RC09]. **graduate** [MTV14]. **grain**
[HH010, JCP15, NNVdA09, Yos06]. **grained** [BHA+15b, CDA09, CLH+16,
CLX+12, ID18, JSR+19a, KWL+04, MCNR20, ML+10, RAHF14,
RLVG14, SK18, TNN15, TN115, STZNL15, WLY11, WZL+17a, ZYN+07].
**gram** [PDCA17]. **Grammar** [ZLC21, KEMZ22, PS10]. **grammar-based**
[KEMZ22]. **grammar-driven** [PS10]. **grammars** [LS05]. **GRAND**
[VDDN+07]. **Grande** [Fox01, Fox05, GPW03, GPW05]. **granularity**
[CMS21, DKK13, FKO22, RCA+12, TJF14, YKA+19, dSG14]. **GRAPES**
[LXJ13, LTZ+19]. **Graph** [Año21h, JSLL20, PS10, ST21, XZL+20b,
ZCL+19, ASP22, AOAC2Q1, AQRA+18, AMZ19, BOF15, CKKK20,
CLF+17, CYQ+20, CCD+20b, CMD17, DS20a, DZL+17a, EPB14, GLW21,
GLW22, HCH+21, HHC+22, Hoh06, HT2W19, JZL21, JLL18, KR17,
KKM21, LM21, LZ+17, LZW17b, LZY+20, LPC+21, LL19c, PZ+15,
RA21, RAK22, SNH15, SKK02, SS15a, Shi22, TLQ21, TL21, WGY+19,
XGX$^{+21}$, XLWX$^{20}$, yZyWD$^{+21}$, ZBZH$^{11}$, ZHGX$^{16}$. Graph-based
[Ao21h, AOACAQ21, AQRA$^{+18}$, Hoh06, JLL18, LZW17b, LPC$^{+21}$, Shi22, TLQ21]. graph-cut [SS15a]. Graph500 [FBV$^{+17}$]. GraphBAD [PVCS18].

Graph [LZC21, MPSGD14, yXILyGX21]. Graphical [DT15b, DBS$^{+22}$, Eng15, LP09, PSRRT14, QPS20, RMP$^{+13a}$, TSA21, USI21, VDL$^{+15}$].

Graphs [ADF$^{+13}$, CP14, DCJ14, DG11, JPL22, KC13, MCB14, VCW13, ATVML14, ACC$^{+12}$, ABDP15, AS22, BDW14, BHQS15, CGIP16, CSWB11, DCJ12, GWW17, GGV14, HCG21, JdM12, LKPM09, LDZ$^{+15}$, LLL$^{+15}$, MAS16, NdMP22, OLG$^{+15}$, PSCK$^{+15}$, RCA$^{+11}$, RCR$^{+15}$, RK15, SPMP11, SPZ$^{+10}$, SAD13, SNK$^{+15}$, SPC$^{+21}$, I$^{ss}$CY17, SRG$^{+21}$, Str11, SFE$^{+14}$, TNP21, TZXH12, WJT$^{+14}$, WCZX16, ZO14, ZDG$^{+14}$, LSXL17].

Graphs [AS17, AMD20, DOJ$^{+19}$, FLMR20, FBYO12, GG19, HWL18, LM21, LKG22, LSL17, MGM$^{+08}$, RG18, RHL$^{+18}$, TLQ21, TSKM18, ZQK15].

GRAPLeR [SAM$^{+17}$]. grasp [WSJ$^{+21}$, AMTM17]. grass [APM$^{+21}$].

grasshopper [KA22]. gravitational [SR17]. gravity [HTR10]. Gray [Bou13, AB21, cDrLyC$^{+19}$, TS22, NNVD22, UDS21]. grease [ZCW$^{+18}$].

Greedy [ARC22, CL22, KS22, MTK$^{+21}$, SS22a, SQS$^{+19}$]. Green [FSWW21, MAS16, WLCW20, CL13, CZ21, DZ13, HSL19, KS17, PTL$^{+16}$, SQS$^{+19}$, XA22, ZRB19, MKS$^{+20}$]. Gregory [vEGW06]. Grey [BJGF20, DS20b, DPSJ22, SFJ$^{+21}$, KB17].

GRID [Ang07, CS06, ACF$^{+07}$, ACM06, AC06, AAB$^{+05}$, ADM06, AFG$^{+05}$, BR04, BKM$^{+07a}$, BDG$^{+10}$, BPB08, BLS06, BAGS02, BM02, BBGA03, CEM$^{+08}$, CV07, CLX07, CRB09, CWMZ06, CA06, CY07, CR08, CW07, CLH$^{+08}$, CL07, CB06, CDL08, CBP$^{+04}$, CGB$^{+06}$, Cyb06, DDP$^{+06}$, DDX$^{+06}$, DCY$^{+08}$, DFT06, Dik07, DPS07, DKM07, ET09, ERW02, FJP$^{+05}$, FP02, FG06, FAB$^{+07}$, FZ07, FS07, FZ08, Fox10, GEJ$^{+08}$, Ger05, GKG$^{+04}$, GS04a, GD07, GAE$^{+06}$, GTA07, GH06, GKP$^{+09}$, HK07, HBG$^{+06}$, HPS05, Hoh06, JZZL06, JX06, KA09, KWL$^{+04}$, KR06, KFS$^{+06}$, Kri05, LW05, LAC$^{+08}$, Ley06, LWL$^{+06}$, LX08, LZC09, LFH$^{+08b}$, MCVL06, MRS$^{+10}$, MCY$^{+07}$, MWJ$^{+10}$, MP02, MBP$^{+05}$, MCCG11, MPT07, MGR02, NAP$^{+07}$, NZKK11, NSBR07, NNK$^{+07}$, NCW$^{+04}$, NPTT06, Nov02, NJ05, OISS07, PFU$^{+05}$, PML$^{+05}$, PW06, PWRR05, PB07a, PGK10, PXY$^{+07}$, QLF$^{+06}$, QLC04, RWK$^{+02}$].

HA-PSLS [KM03]. Hadnaap [XDJL18]. Hadamard [QNZP22]. Hadoop [BYPO21, CLQ+17, CLW+18, IP20, JCJ17, KHL+17a, LZJ+18, LL16b, LJL+17, PSC+17, SZT18, SB19a, XDJL18, YTN+20, ZZC+17, ZGLS21].


heterogeneous
High-accuracy [EMEY14]. high-bandwidth [GDD+04]. High-contention [BDH18].
high-density [FGC06]. High-dimensional [SP21b, CS21, DP19, HLCW15, MHH16, MPT07, MCC16, RK21b, VFAD18]. high-efficient [CLH11]. High-end [GM10, CGBNM17, JK13, LGL17, WL02, ZKJ07, KLL21]. high-frame-rate [MNY21]. high-integrity [KWK05]. High-level [AAP13, DA19, GL19, NTK08, BDV02, CAD+18, JNMG21, MHH16, MPT07, MCC16, RK21b, VFAD18]. high-mixed [WCWG21]. high-order [ZCXH17]. High-Performance [Ber07, MLY10, Oh21, PW05, SG19, AP10, BDT01, BDH15, DRZ13, FFLM21, GCS20, GLRB21, LSS15, MB02, PPBB14, RCB03, RMW19, MKL21, AY21, AC06, AC08, AKM+06, BHJ+16, BFM+10, BBM19, BD06, CEG+05, CFP+03, CRGR+12, Dam11, DMD16, DZM+15, ESG17, FJG+13, GBR10, GBMM15, GMSM21, GCN09, GA08, GNMELC21, GVP+14, HDDG09, HLHC12, HY12, KDC17, KFML20, KSM+08a, KTR11, LL05, LCKJ21, LLH+15, LAL02, MBM+20b, MMMP01, MDH+16, MG21a, PSS+19, PQKDT21, QWZ+19, RVRD10, SKB+20, SPKK22, SFT15, SS07, TTD+11, TTPJ16, VS02, VS02, VdSK05, WFJ+17, WK07, YLT+21, ZLZ+19]. high-precision [ZCL+19]. high-productivity [TFG+12]. High-quality [DG21, CLF17, ZQW+21]. high-resolution [BTDD20, BDY03, HYL+19, LAE+22, LHPG21]. high-rise [YCB19].
High-speed [ZKJ+07, DPK10, DA15, LZG+19, MS21a, UGM18, WL19, ZGS17, ZZZ+20]. High-throughput [EB14, EDB+14, FMT16, JOC+15, Kri05, PGF19, SKA+14, SAM+17].
high-volume [MHRI14].
Highly [APL+21, ITO21, MKAKG14, SC19, BWHS18, DCK12, HKVW16, KS19a, KM03, KSS+17, KHL17b, LLMK18, PBD+21, SNGK21, TCP+05, VCP16].
AR16, AML+15, AAARR20, AMABS18, AFG16, Ano21i, Ano21-36, ASMS21, ASA+21, ASM21, BYDC19, BLDW16, CNG+20, CSMS+19, CÇY22, CLT+16, CCA+15, CAKH17, CKRO13, CS21, D21, DF18a, Den07, DS19, DS22, DG21, EAGVBDs11, FMS15, FTT15, GGFPGB14, GÇC22, GKS09, GKR14, GdMK+18, GYZ+20, GMN21, Has17, HSJ+18, HXY20, HR06, HAA+17, IA22, KA21a, KB18, LM08, LLB04, LW20b, LG08, LG16b, LH+17, LM20b, MLS+15, MB17, MRGP22, MS21a, MB12, MB14, MLZ+20, MJ15, N002, PS22, PCGE18, PSS+18, RP21a, RSS20, RZCA21, RM03, SACP21, SJVR15, SS19b, SZS20, SB18, SD15, SFJ+21, SSPG20, TMC19, THF15, TAI11, TA22, VP22, VS21, hybrid [WZJD13, WDG+14, WWLD18, WWG21, XDP18, YWC11, YüC22, ZK08, ZS17, ZSX21, ZLW19, ZCD12, ZCL18, Zhu21, BOB13, PGW06]. hybrid-enhanced [FTT15]. hybridism [BPL12]. hybridization [ZHW+20]. 

[Mar05, PCC17, BOB13, HON04, MP04, WCLH12, XLLZ20]. IEEE802.16e [CLH13]. If [KLJ21]. IFC [HL20]. IGSIM [SB10a]. II [DCWM20, HXY+22, SLMO5, WHC+20, Wan20, Yil21c]. IIR [SR21]. illuminating [HTR10]. ILU [ABF+17]. ILU-preconditioned [ABF+17]. IM [SKSB20]. IM-SSO [SKSB20]. IMA [XHCL15]. Image [EMS11, JPAA21, LYSC21, SLMB07, SLWZ20, XYST18, ZYX+21, AB20a, MAT22, AT01, ASWR12, AD22, BAB21, BMK+20, BYL20, BCX14, CRB09, Che18, CLY+21, CMLL21, Du18a, EMEE14, GYST22, HAK19, HLY18, Hua20, HLW+21, HYT+21, JNS22, JZMD19, JZL06, KEK+20, KSN16, KMG+18, KWZ+21, KSM15, KSK+20, LLY20, LJJ18a, LJJ18b, LYL+19, LW20b, LHPG21, LC18, LHZS19, LCL+20, LLX20, MTK+21, MLW+15, NBN22, OHRS21, PP21, PKB22, PLL14, PPP10, PJJW+14, SK04, SLG+20, SZQW20, SBB+20, SAL22, TVCB19, VB21, WJ12, WHZL21, WLY+21b, WBD03, WCH+07, WZZ20, Xu19, YWL+17a, YMWA21, YHj+14, Yil21b, Yl20b, ZXW16a, ZWL+13, ZGZ19, ZXL21, ZFZ+20, ZDJ+21]. image-based [ASWR12, LYL20, NBHN22]. image-enhancement [Hua20]. image-processing [KLJ21]. ImageCL [FE18]. imagery [Pla08, WCZ+18]. images [Aka22b, Boc19, Boz22, CC12, CK21a, CZL+17, DSYF22, GKP+19, He19, IK22, LAE+22, LYW+21, LJF+21, MRG22, MRS+21, OE22, SOMP11, SBA22, SS19b, TSG21, VS21, WLJ20, WWJ+20, XCC+20, Yil21c, ZBZ+15, ZLZ+22, ZWW14]. imaging [KSG11, Liu21, PVR+09, PLL17, WKB+19]. IMAR [LLR+21]. imbalance [KH17b, LL18, UGM18]. imbalanced [CS22, SSDY20, WAY+21]. immune [YL20a]. immunodominance [ZWL+17]. Immutability [PS05]. immutable [NN07]. IMP [GBB+15]. Impact [DS04, HAA+21, MB17, CDMF+21, GSR+19, IP20, LGJ17, LYW+21, PB19a, QCB17, ROQL18, SM09, SK18, TTA20, UGM18, XHH+19, ZDC+09, uZKH+20]. Impacts [LLY+19a, HSV+19, LLT19b]. impaired [SS21]. Impala [CYZ+18]. imperative [SPBL06]. imperfect [KT19a, LWG+15]. imperialist [MSD+18]. implement [MIM19, SNB+01, Soo06]. Implementation [Ano21i, CL18, CLF+19, KSM15, KD07, MLVB05, MAH+02, NET21a, PB12, SER15, SS19a, SLM+10, TÖK21, TKA+02, TAMG03, ACGG06, Ano21d, AAB+05, AFT01, AKRR20, BPdM06, BDY02, BDV02, CC13, CHX+19, CM21, CKNW06, DRZ13, DPST06, DL10, DDB+16, FO18, GG09, GSB+12, GCN09, GLC07, GPV09, GAB19, HGG21, HG11, Hua20, KL19, KWL+04, KJKH03, KVBP07, KVGH11, Kri05, KN19, LDZ14b, LLH+18, LRS15, MMO+16, MKKB04, MLW18, MDL+10, MRS+09, PSG03, PMAL14, PDC16, QNZP22, RAK22, RMW19, RGB+15, SPA+21, SR21, SBJ+15, ISSCY17, SACJ04, SSPG20, TALT16, TKB16, VDL+15, MKL21, VHB203, WLL15, WWLD18, YP10, YYYC10, YC11, YGG14, ZYW+16]. implementations [AA16, BDM18, CACC11, CCW04, DS04, DDF+15, ER12, HPVRPF14, LLdA08, TL14, WMY+21, WCC04, YBB+07]. implemented [ASL20, Cho20, TAB21]. Implementing [CJX+19, CKNW06, DLK+18,

[AIS21, JB20, Jea20, JKZ03, SMD21, Wan20]. industry

[Air17, Ano21-43, BF22, QGZL18, SAPC21, ZQD17]. inefficiency

[WMDM07]. inertia [GC20, LWL19, SDSW21]. inertial [DWZ20].

Inexpensively [ZWX21]. infant [JYC21]. inference [SMM18].

InfiniBand [VKM09, ZJKL10]. inflate [NMQ22].

Influence [GXL20, THW21, CHZ12, GRL19, SM19, SKSB20, xZGCz20, ZXL21]. influential [JS22, MLZ19, PS22]. inform [FGL20].

informatics [Liu21, TTR10, WHZL21, vLDW11]. Information

[Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano15c, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano19a].

Information [Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Che19, ECP18, HFPA20, dCJB20, LB19, NET20, Pie08, SARL13, TKS18, WYW17, ZC19, AI17].

information [AP10, AR16, And13, ASG08, BDL15, CZ15a, CPYC21, CW09, CPH20, DK19b, DE20, GD08, HAN19, HKA19a, HSM14, HWBZ21, JB19, KT19a, KABE20, KBB19, KKW14, KSC12, KTM09, LLK08, LWG15, LWZ17, LSX9, LH21, LLKS21, LSX21, LFW19, LSQW21, LLY19c, MLZ21a, MYS19, MLRR09, MLW18, NET21a, NET21b, Nis18, Ogi20b, Og21, PHY18, PMC21, PVCS18, PLR14, PAM15, PME08, PI21, QMK12, SCLL19, SWZ18, SW11, TWZ19, TMS12, WAD12, Yan19a, YGZ21, Zen19b, ZLCS21, ZCLL19, ZLYS21, Boe12, HF17, LWL06].

information-based [KSC12, SWZ18]. Informatization [HH19].
Infestation [TW07]. infrared [ZDJ+21]. Infrastructure [CPPP21, KMZ+20, ACMA07, AJY+15, ANK+17, CCCRZ1, CRC+15b, CZO+08, CWMZ06, CJP+21, CPSP17, CPE+19, CMS17, Cyb06, DMA13, DGPR20, JuAB+15, JKL+17, JQSP08, KMJ14, KA11, MCWLO6. MPT07, MPVT17, MP03, PFU+05, PCH+08, SACJ04, WWL+15, WSP17, YDB+13, ZWL+13, ABB+15, DR15, WLR05]. infrastructure-as-a-service [CMS17]. infrastructure-less [DMA13]. infrastructures [AWR17, ACG18, AFG16, CSMB15, CHL15, CXPL15, GWVP+14, GKP+09, Isos11, Kac11, LBV16, LSMVML15, MMV11, MBBT+20, PCG+21, RLS+09, THF15]. ingestion [SIST18]. inhalable [MZG19]. inherently [KA16]. inheritance [Lyo02]. inhibiting [BGGS14]. inhibitive [TWW+21]. Initial [VDL+15, MRS+09, RBBH02]. initialization [OKJ+21]. initialized [TNP21]. initiated [AR16]. injection [GWHJL19, KJS+20]. inlining [LH05]. innovation [YLLC18]. Innovations [ACD02, HFFA20]. Innovative [HFFA20, DS17, Ogi20a, YT21, HF17]. inpainting [HLY18]. inpatients [LHB+19]. Input [TJD+17, AM20b, Ano21a, AA12, HTZ+22, SN22, SYJL20]. input/output [AA12]. inrush [DWZ+20b, DWY+21, YHYY19]. insider [DCG15]. Insights [FGL+20, HLX+16, WLZ17]. inspection [HLG17, LSC+19, YYZH19]. inspired [AAK+21a, ABG+13, CO21, CSL12, CP14, CT16, GPVCdBRO12, HAE09, JCB1, LG21, MG21b, OK18, OE22, PCS+12, SR19a, SR17, TTP16, WSL15, ZLQ+18]. installation [CGGH17, HLA+18]. installations [LMB+19]. installment [DL07]. instance [KCKC15, MCWLO6, TKB16, XWH+17]. instance-intensive [XWH+17]. instance-oriented [MCWLO6]. instances [Isos11, VRDTB+16, LMH+14]. instantiation [CSC+17]. instantiations [KCB09]. institutions [LGJ17]. Instruction [GSG06, LHC14]. instructions [AB01, GO22, KML21, PBSB04]. instrument [GSB21, MH07]. instrumentation [BDMM+05, RS07, VRB21]. instruments [MH07]. insulated [LDZ+14a]. insulation [STJ+20]. insurance [GQH17, YWLQ18]. integer [GLM+16, LKGH11]. Integrate [CML+10, CC10, GKG+04, dCGKG06]. integrals [GS21, LLMM19]. Integrated [LWZ+19, ABC+08a, AMSR14, AFR09, BAR21, BAC+15, CM20, CYZ+21, CA22, CCL+21, FeC12, GKS+07, GLC+04, HCD+18, Hua20, JZL+06, KB06, LZC09, PXyX+07, ROA+07, Sch02, SZqWZ20, SB19a, VDL+15, VG21, YGLO5, YP10, ZBZ+18, ZX20]. integrates [SAM+17]. Integrating [AP06, CRC15a, MML+17, YY+20, ZKR+07, BGV+01, BHW05, CLX07, DCY+08, HCG07, MCD+15, SKA+14, ZABT+20, ZLW+20]. Integration [DvdS06, FHO+15, SM03, TPV17, Ano21j, Boc19, BDV02, CLH+08, GMPT15, GD08, GSK19, LLMX21, LL21, Qia19, RJ01, SGD+18, SZR16, SS15c, WQL+18, WZ21, XLY+16]. Integrity [AaBT17, AL04, BC16, CJZZ10, KWK05, LLJR21, PUL20, PI21, SWW+16, WZL+17b, XHCL15, YR21, YNX+16]. Intel [AB01, CLR15, CB15, DAC+18, FNBS16, HCD+18, LHPG21, MCP+12,
Mit20, RGB+15, SWB12, Tan12, VDL+15. Intelligence [Du18c, JB20, XZ20b, ASMS21, BTP+21, CH19, DSYF22, DCCZ18, EVVR21, HKMS21, Jeo20, JC21a, JZMD19, PCS+12, XZ20a].

Intelligence-based [EVVR21]. Intelligent [BM12, BFVRC15, COC18, DDF16, ESZ09, HDXH20, KSK19, LCW21, OS21a, SPA+21, VC16, VZB19, YSWZ17, ZL19, ZHJJ21, ABZS20, AKUA22, ALNJ21, BTDD20, CLDY21, CCZ+21, DBGA16, DWG19, DYF20, DLC+21, FSWW21, GYZ+20, HXZK21, Has15, IA22, KS16, KKT13, KZY+18, KN19, KCM+22, LLC21a, LXL+09, NBK22, ORP21, PMS+21, PA21, SMD+21, SZG+19, UL03, WZT11, WL20, WJS21, WZ20b, WN21, XCHK14, Zhu18, Bai17, CSW20, HYQ17].

Intel(R) [GdMK+18]. Intel's [HYT+21]. intensified [DBK21]. intensity [LLZ+17b]. intensive [AMGCC17, CBHTE11, CGBNM17, CYK+21, CTAB16, GGHR16, HAAWA+16, HZHP09, JKL+17, KSK19, LCW21, OS21a, SPA+21, VC16, VZB19, YSWZ17, ZL19, ZHJJ21, ABZS20, AKUA22, ALNJ21, BTDD20, CLDY21, CCZ+21, DBGA16, DWG19, DYF20, DLC+21, FSWW21, GYZ+20, HXZK21, Has15, IA22, KS16, KKT13, KZY+18, KN19, KCM+22, LLC21a, LXL+09, NBK22, ORP21, PMS+21, PA21, SMD+21, SZG+19, UL03, WZT11, WL20, WJS21, WZ20b, WN21, XCHK14, Zhu18, Bai17, CSW20, HYQ17].

Intel(R) [GdMK+18]. Intel's [HYT+21]. intensified [DBK21]. intensity [LLZ+17b]. intensive [AMGCC17, CBHTE11, CGBNM17, CYK+21, CTAB16, GGHR16, HAAWA+16, HZHP09, JKL+17, KSK19, LCW21, OS21a, SPA+21, VC16, VZB19, YSWZ17, ZL19, ZHJJ21, ABZS20, AKUA22, ALNJ21, BTDD20, CLDY21, CCZ+21, DBGA16, DWG19, DYF20, DLC+21, FSWW21, GYZ+20, HXZK21, Has15, IA22, KS16, KKT13, KZY+18, KN19, KCM+22, LLC21a, LXL+09, NBK22, ORP21, PMS+21, PA21, SMD+21, SZG+19, UL03, WZT11, WL20, WJS21, WZ20b, WN21, XCHK14, Zhu18, Bai17, CSW20, HYQ17].

Intel(R) [GdMK+18]. Intel's [HYT+21]. intensified [DBK21]. intensity [LLZ+17b]. intensive [AMGCC17, CBHTE11, CGBNM17, CYK+21, CTAB16, GGHR16, HAAWA+16, HZHP09, JKL+17, KSK19, LCW21, OS21a, SPA+21, VC16, VZB19, YSWZ17, ZL19, ZHJJ21, ABZS20, AKUA22, ALNJ21, BTDD20, CLDY21, CCZ+21, DBGA16, DWG19, DYF20, DLC+21, FSWW21, GYZ+20, HXZK21, Has15, IA22, KS16, KKT13, KZY+18, KN19, KCM+22, LLC21a, LXL+09, NBK22, ORP21, PMS+21, PA21, SMD+21, SZG+19, UL03, WZT11, WL20, WJS21, WZ20b, WN21, XCHK14, Zhu18, Bai17, CSW20, HYQ17].
[ORdSL13], IQ [CEH+06], IQ-Services [CEH+06], IR [CM20], IR-UWB [CM20], iris [CSL21], irrational [KVP21], irregular
[AAF+07, GdMK+18, GPZ04, HR06, KR04, LYL07, Nev17, YWL+17a],
IS-FMIPv6 [WCLH12], ISABELA [LSE+13], Isabelle [Sch04, v001],
Isabelle/HOL [Sch04, v001], ISCOPE [Fox05], ISENGARD [KA11],
ISIT2017 [CSW20], ISIT2018 [WJS21], island
[JPL22, LF17, ZZ21], islands [WZ20b, dABV08], isolated [KD10, ZZ+17],
Isolation [WZX21, CRB+17, KMBr19, WTL+16, ZHY22],
isolation-based [CRB+17], isolation-trees [KMBr19], isomorphism
[HCH+21, HHC+22], isosurface [DCG11], isotopic [WZB21], Israeli
[Guo19], ISSA [WWG21], issue [OKG18], Issue
[AS19, AHP+13, Ang07, Ano02, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e,
Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14m, Ano14n,
Ano14o, Ano14p, Ano14q, Ano14r, Ano14s, Ano14t, Ano14u, Ano14v,
Ano14w, Ano14x, Ano14y, Ano14z, Ano15a, Ano15b, Ano15c, Ano15d,
Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l,
Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t,
Ano15u, Ano15v, Ano15w, Ano15x, Ano15y, Ano15z, Ano16a, Ano16b,
Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j,
Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r,
Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano16y, Ano16z,
Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h,
Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p,
Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano17w, Ano17x,
Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g], Issue
[Ano18h, Ano18i, Ano18j, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e,
Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m,
Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u,
Ano19v, Ano19w, Ano19x, Ano19y, Ano19z, Ano20a, Ano20b, Ano20c,
Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k,
Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s,
Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano21k, Ano21l, Ano21m,
Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u,
Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano21-27, Ano21-28, Ano21-29,
Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano22a, Ano22b,
Ano22c, Ano22d, Ano22e, Ano22f, AM07, BA04, BM12, BL17, BHD13,
BM04, Ber07], Issue

[BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, CWZL13,
CCCW13, CCC+16, dOCPPF13, CLTT13, CR08, CC09, CW11a, CKRO13,
CAG+13, CS09, CS06, CMT13, CM07b, CS13, DRZ13, DRS+13, DVL13,
DDE+12, DL13, DH13, EBMD13, EH18, ETR+13, Fed13, FK19, FN13,
Fox01, Fox05, FG06, FZ07, FS07, FG07, GM01, GvHKK11, GZX17,
GM01, GHP+05, HL13, Hqos11, HF05, HT12, HTW14, HMPPT13,
HFTQ13, JB0, JJGL13, JX0, JSLL20, KS21a, KS02, KM13, KR06, Kni06,
KL+21, KB12, Lee09, LBS15, LXRJ13, LMKT13, LB19, LV12, LDXC13,
LW13, MWL+13, MS13, Man08, MSP+13, Mar05, MFG+13, MISV13, MLY10,
MN10, MLA+08, NPM19, Nar05, Nel05, NSSAK13, ODS+13, OM06b, PLY13,
Par02, PRD+13, PHGK10, PW05, Pie08, PB07b, PK08, Pu13, Qiu11, QFT14].
[QLS13, RMP+13a, RHRB13, RK01, RTMZ13, RT20, Run10, SHT11, SN06, SCNH07, SANB08, RdS09, SF10, SRF13, SCH22b, SBG20, SFN12, SD11b, TM01, Tho07, TH19, TH10, TWB13, TFDA07, Tur04, Ur07, Vin21, VK12, VCV13, WAS07, WZZL13, WC08, WCLC13, WD07, WDM14, Wis02, XZ09, XLWZ11, XBXS13, WX13, Xu08, XJZ13, XZ20b, SF10, SRF13, SCH22b, SBG20, SFN12, SD11b, TM01, Tho07, TH19, TH10, TWB13, TFDA07, Tur04, Ur07, Vin21, VK12, VCV13, WAS07, WZZL13, WC08, WCLC13, WD07, WDM14, Wis02, XZ09, XLWZ11, XBXS13, WX13, Xu08, XJZ13, XZ20b, SF10, SRF13, SCH22b, SBG20, SFN12, SD11b, TM01, Tho07, TH19, TH10, TWB13, TFDA07, Tur04, Ur07, Vin21, VK12, VCV13, WAS07, WZZL13, WC08, WCLC13, WD07, WDM14, Wis02, XZ09, XLWZ11, XBXS13, WX13, Xu08, XJZ13, XZ20b, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, Zha08, ZYH09, ZYH12, ZHZ+13, ZL09, vdS06b, ABZS20, AF14, CL08, CR13, CL13, Che19, CSW20, DN19, DC19a, DKJ16, Du18c, EL01, ESG17, FD20a, Fox17a, GTGT11, GWD15, HLX+16, HYQ17, HdV13, HF17, Hsu15, JC21a, JAC+21, KWXY18, LBW14, LBT16, LBT17, LBF17, LL13, LXZ20, LG21, MYS19, MH18, OEP+15, PJ21, PDD14, PCC17, QLL10, RHT13, SCH22a, TP14, TSS18, TBH+18, UA18, WAD12, WR17].

issue [WY20, WJS21, WCWB19, WDGK15, WYZAD20, Xha18, XBCW19, XYS17, XZ20a, ZRB19, ZZ17, ZC19]. Issues [Nel05, PUL20, vdS06a, AAI12, DJF21, DP14, GB07, GLC07, MCCG11, SWHL16, YZZ19].

Italy [UY¨O+22]. Itanium [JLT06]. item [HL17, ZSZ+14]. item-based [HL17]. items [CT11a]. itemset [LXYC17]. itemsets [HMM+09]. iteration [TYL+15]. iteration-based [TYL+15]. Iterative [SAD13, AYN+14, AAC+15, ADF+19, CSTV06, EDSV09, GSV03, HC07, JSS07, KKG004, KSA+21, LLB04, LLZ+20, LZY+20, NO02, Nak02, PSRR14, PVP+20, RV21, RPRG17, WCCC20, XWX+19, YGG14, YT19, ZW09].

ITME2016 [Che19]. IVM [GMMT17]. IVM-based [GMMT17].


Japanese [SM02]. JASAG [AAV+15]. jaundice [YY22]. Java [Fox01, Fox05, Fox17a, HTW14, VK12, KvGS+14, SadB+16, AJMJS05, AK01, ASS+05, AdScdR+19, AFT01, Bac03, BVGVEA11, BVGVEAFG11, BHW05, BDT01, BP03, BK05, BB+03, CM05, CG01, Cog03, Cog04, DVL13, EFC+03, EL01, EABVG14, ETR+15, FR02, FT06, FO22, Fox17b, GYB+11, GE08, GPW03, GPW05, GS04b, HL13, HL06, HYX05, KHM+11a, KOB01, KBV07, KSR14, KW01, KWK05, LH05, LXP18, LAL02, LLdA08, LSW07, IWC17, LT17, LGFM05, Lyo02, MLVB05, MCY+10, MGS19, MM03, NMMS01, NC05, NMB03, OGA+01, PSM03, PPMH15, PSW11, Puf13, RTET15, RS12, RHT13, RCB03, RR01, Sch04, SDH+17, SCBH09, SM03, SVG12, SKR17, SPS17, SS19c, TTD+11, VDPC03, VHB03, WCC10, WJH06, WBM+10, WK12, WCC04, XHH12, YP10, YKA+19, ZS01, ZYX06, vHMB08, vNMW+05, vRKS03]. Java [vRS05, vLFGL01, vLGL+02, vO01]. Java-based [AK01, MCY+10, NC05, vNMW+05]. JavaBeans [LR05, YAA07]. JavaNws [KW01]. JavaScript [GGC19, MGI17, VCP16]. JavaSymphony [FJ05]. Java [GAS19]. JCluster [DYZ06]. JCP [WBM+10]. Jeeg [MS05]. JEL [DvNM+11a]. Jenkins [BBA18]. Jetstream [HSV+19]. JFI [BLA+14]. Jigsaw [CWL03]. Jim [Bou13]. JIT [GE06]. JML [MPHL03]. Job
SKA, TLQ21, VCS, WDL08, WQL, WY, WFHC21, WLLX21, ZH, ZL07, ZS19, FS07, LFH08b, NZKK11, SPR07, TMZ07, ZL06, ZH07, ZDL07. knowledge-based [BBB20a, Can06, JWL20, KBDA19, OKO18, WFHC21, WLLX21, YTF01]. known [PCsHL18]. KOALA [ME08]. KP [MG20]. Krylov [CMS21, MKSS16]. Kullback [RM21]. Kunlun [ZGRSC10]. KWATT [QEB10].


[AAM15, HTR10, KBT14, LW05, PDD14, RIP18, SL18, SVN12, AAE09, BH09, BGGL07, BBF21, BMK20, BCM07, BZD10, BPM07, CEP06, CHM15, CBQ11, CNG15, CWM18, CPS14, CDH15, DVD12, DLX16, DOJ19, DLM13, DP19, DZM15, EDS01, ERZ11, EJD17, FAP16, FPX21, FBV13, HFD10, HWQ16, HLF17, HWL18, JAA08, JCK13, JPWH02, KRS11, KCZ15, KKM20, LM21, LME19, LB16, LRX13, LXW16, LFZ17, LGL21, LB21, MZ19, MVWM17, MGS18, MFG13, MCY10, MIAK14, MB14, MJ15, MJ17, NK1, NAR1, NWT21, Not16a, PTL16, PAM15, QYZ16, QLS13, RVRD10, RKS02, RBWB21, RRR15, SNH15, SK09, SLV12, SMM18, SCBH09, SGCG09, SSIH19, Shi18, SHU22, SLM05, TJ17a, TJ17a, TTL06, TBK06, TRH02, TB12, VL17, WYZ17, WZX12, WSX12, XLL21, YCL22, YWB19, YLEB14, YMLR16, YTN20, YOT22]. large [ZABT20, Zha19, ZY06, ZQZ16, ZHGX16, dCRS11]. large-data [CEP06]. Large-scale [PDD14, HTR10, KBT14, LW05, AML15, BH09, BMK20, BCM07, CHM15, CBQ11, CNG15, CWM18, CPS14, CDH15, DLX16, DP19, DZM15, ERZ11, FAP16, HFD10, HWQ16, HLF17, HWL18, JAA08, JCK13, JPWH02, KCS15, KKM20, LM21, LME19, LB16, LRX13, LXW16, LFZ17, LGL21, LB21, MZ19, MVWM17, MGS18, MFG13, MCY10, MIAK14, MB14, MJ15, MJ17, NK1, NAR1, NWT21, Not16a, PAM15, QYZ16, QLS13, RVRD10, RKS02, RBWB21, RRR15, SNH15, SK09, SLV12, SMM18, SCBH09, SGCG09, SSIH19, Shi18, SHU22, SLM05, TJ17a, TJ17a, TTL06, TBK06, TRH02, TB12, VL17, WYZ17, WZX12, WSX12, XLL21, YCL22, YWB19, YLEB14, YMLR16, YTN20, YOT22].

LAF [DXG13]. Lagrange [JGW20, LZL14]. landscape [KHM11, WZ02, ZW21, WZ21]. language [FE18, RP01, WLR05, BGM03, CT16, CDN18, HW17, KS04, KMJ17, LCFK13, LCW06, SKR17, TMAG03, WSL21, WZ21]. language-based [NMS1, NWT21]. languages [BDV02, CGK14, Hoh06, LWB13, SPBL06, UWF21]. Laplacian [LCL17]. LARP [XWP19]. Large
large scaled [LB21], large sized [FHO+15], laser [DYY+19, Yü+22], late [CML21]. Latency
[SRG+21, DGW16, ETR+15, LWF+15, MVWJ14, NFF21, PRD+13, SSSR20].
Latency-aware [SRG+21]. latency-sensitive [DGW16]. latent
[SJS19, ZWS18, ZLZ+22, ZLYS21, DP19]. Latent-ISVM [DP19]. Latest
[MPSCG14, MLKD20, SRM13a]. Lattice [LMKT13, CGK+16, CNAQ18, DK21, MWLS11, QWZ+19, RMW19, ZAB+19, BFM+10, VLJ17].
Lattice-based [LMKT13, DK21]. lattice-Boltzmann
[MWLS11, RMW19, VLJ17]. LAUP [BNNH19]. law [XL17]. Layer
[HTJX17, CSWC20, EB10, HKA+15, KKJH03, KR11, Ngv21, RS15, SKS+08, SL20, Sn22, Tru15, WRLS12, WSM+20, XLL+21, YLL+18]. layer-based
[KR11]. Layered [DPSJ22, DWC09, LDZ+15, LGQS12, LLH+18, OKP16]. layers [LZL17a]. layout [HP11, IT03, LHH+17, TBK06, WFKS18].
LBBESA [LCZ+20a]. LBM [VL17]. LBMA [LLR+21]. LBP [TUD21].
LBR [DPSJ22]. LBR-GWO [DPSJ22]. LBSs [LNC+20]. LC [LLYL09].
LC-GRFA [LLYL09]. LCG [NCD+08]. LD [AI21]. LDA [GLD17]. LDPC
[LLH+18, SCLK15]. LEACH [CGG+20, MSMA19]. LEAD [CM07a]. leader
[Ano21-39, ZCXH17]. leader-follower [ZCXH17]. leadership
[JOK+18, LLT+14, SYRS+22]. leading [DW09]. leaf [CC22, KSS21]. Lean
[BPS19, CJY+20]. leap [JTD+19]. leaping [Ben22]. Learning
[GBB+15, GAK020, Mar19, ORDG15, TBT+21, YZPL21, ZQW+21, ZWW+18, ZL06, dOdMC+20, AET+22, AMR+21, APM+21, ABR+06, AJAA21, AHT+20, BLJ20, BWW+20, BKD22, BV22, BHD13, BF22, BFM+21, BRL+20, CWLL20, CCCW13, CF21, CÇY22, CLL+19, CSWC20, CLT+21, CQZ17, CPH20, ÇÇ21, DR21, DSYF22, DRM22b, DFC12, DÇK+18, DH13, DXXL20, ENB+20, ERZ+11, FHO+15, FE17, FSM+19, FSWW21, FAM22, GZC+22, GB20, GLZ19, HAN19, HCBRM16, Hey19, HXZH21, HHXH20, HLI+20, HFI+21, JyLdZ+18, KSS21, KKDS19, KTHA18, KS22, KM21, KBBH21, KIW+22, Kim21a, KIHKK21, KMMR20, KSB+19, LLM19, LLH+09, Li18, LLJ18a, LLJ18b, LS19a, LLJ+20, LLZ20, LLZ+20, Li21, LPW+21, LLLS21, LDZ+19, LLLX20, Liu21, LLMZ21, LZW+21, LZQ+22, LLA+22, LHL+20, MRGP22, MBM+20b, MAVG16, MTK+21, MY19, MSB17, MCX1P, MRS+21, NBK22, NSPD21, NSBT21, NWT21, NHBN22]. learning
[OHJ13, PAN22, PZO19, PRC+14, PMR+21, PPKL21, PCC+21, PK22a, PK22b, RSM21, RAAb21, RBWB21, Roj19, SPQM20, SS+20, SNEP14, SGJ+17, SRG+22, SX21, SZGR21, Shu22, SIM+07, SPKK22, SM22, TWZ+19, THQ19, TS22, TUD21, UDS21, UWF+21, VLW19, VLVS22, VRD+16, WF18, WML+19, WZZ+20, WZL+22, WKL+22, WWL+17b, XLZ+21, XJA+18, XLZZ22, YAG19, YWQ+21, YLW+22, YZR14, YSL+21b, YG19, ZDH+22, ZBZ+18, ZLH+18, ZZL+20, ZBC+21, ZCZ22, dOPBd21, SW11]. Learning-based [ZWW+18, AET+22, FE17, GB20, LLLS21, MRS+21, PCC+21, TWZ+19, WML+19, ZLH+18, dOPBd21]. learning-driven
[ZDH+22]. learnt [BLCC19]. Least
Least-squares

Legends [BH05].

Legion [NNTH+02, NCWD+04].

Length [CL14, DKP+20, KA22, MNL15, OHR21, XXLL17].

Less [DMA13, FNI17].

Lesser [ON01, ON02].

Lessons [LLT+14, OGA+06].

Letter [KE21].

Level [MP04, AAP13, BPL12, BDV02, BZK+21, BBA18, CAD+18, CK13, CSS10, CCC12a, CPLX21, CCW+15, DA19, DNB19, DFGA11, GCO+14, GL19, GPW05, HJB12, HLCH20, JNMG21, KEK+20, KBB21, KM03, KJKH03, KAP13, KJS+15, KMR08, LGLA15, LLKC08, LPY+08, LHH+17, LWZ+20, LWC17, MG20, MHH16, MGI17, MPT07, MJD15, MCC16, MCNR20, NTK08, OGA+01, OGA06, Pac16, RSK21b, Sør13, SB21, TTD+11, VS02, VFAD18, WBZ10, WCX16, WFKS18, WJLC21, XLY+16, YS07, ZLKK17, ZZZ+15, dCHMJ12, dRC10].

Levels [CSB+16, GKPT13, Kim21a, KG19, SLB08].

Levelset [FYKW15].

Leverage [ZLYS21].

Leveraging [BBW19, KKAM21, KOOB15, PGF19, TWW+19, FGY21, GKG+04, LGD15, Mit17c].

Lexical [EGB21].

Lexicographic [Li20].

LFMT [MMBP12].

LFU [BBC16].

LHCb [SRTG+07].

Libfabric [SSSR20].

Libraries [ASS08, BHL+09, CL01, MD02, TTD+11].

Library [BSML21, AMHC11, CAD+18, CSSB11, FKO22, GDM+12, HKRR08, JKM+17, KS05, MM21, ON01, ON02, PB22, SSU18, YB12, VFAD17, vWAH+02].

LibreSocial [GM21].

Lidar [MI20].

Life [LG015, Qiu11, QFG14, QFT14, ACC+15, Bou13, CH21, GvKK11, OGA+06, QPS20, RRPPH12, SR19c, YWLQ18, uZKH+20, OKG18].

Lifetime [FKO22].

Lifetime-based [FO22].

Lifemapper [WSP17].

Lifetime [CLH13, DMA13, KCOB17, MS21a, ZWX21].

Lifetime-aware [CLH13].

Lifetime-driven [DMA13].

Ligand [EDB+14, TCP+05].

Light [JSR+19a, BJC17, LLT19b, ON01].

Light-weight [ON01].

Lightpath [MvW+17].

Lightpath-connected [MvW+17].

Lightweight [BNH91, FLB+05, LSW+20, NR08, SWCB20, SL20, SWP17, TWL+20, YR21, Bac03, BC16, BBB16, CJZ+15, CCL+17, FLL+14, JZJW15, KN01, NO2, QWW+16, RBB+09, STJ+20, TSG21, WZX12, XXCY19, vRS05].

Like [CCG+08, KOB01, TWW07, XYL18].

Likelihood [SLM04].

Likelihood-based [SLM04].

Limb [YHL+21].

Limitation [RSP17].

Limited [KW21, KTZ+18].

Limits [BGGS14].

Linda [BDM18, Men03, WCC04].

Line [CRC15a, DMR+07, ESGQ+11, zGWXT09, HK01, NA15, VB16, WFKS18, WKL14, YYZH19, YLTL20, YESG+19, ZGH+22].

Linear [ZGH+22, AOAQ21, AAC+15, ABC19, ADI+14, ANo21-36, ADF+19, BHL+09, BLL18, CC13, CL18, CL14, CNP+15, CMY21, CGGH17, DK09, DLH01, GCF+20, HLYD12, HAA+17, JSS07, Kd07, KLB10, LFWJ22, LLO21, LAK22, MSK19, Mon21, Nak02, OKJ+21, OHJ13, PZH+15, SDSW21, SD15, SLB08, The21, YSWZ17, ZWT+18].

Linear-time [DLH01, PZH+15].

Linearizability [Low17].

Linearly [PHY+18].

Lines [FPHZ19, Pan20].

Linguistic
Link


M [PSP+20, ZMJZ10, ZMJZ10]. M-REP [PSP+20]. MAC [DK21, EB10, GHMX13, GXH+21, Ngu21]. MAC-MELBC [DK21]. Machine [AET+22, BRL+20, FE17, HCBRM16, MAVG16, Roj19, SSS+20, SM22, TWZ+19, dOdMC+20, AM15, AMR+21, AFT01, AJAA21, AHT+20, BL10, BF22, BPM+21, CCY22, CK21a, CWW20, CPH20, DBD22, DRM22b, DP22, DS20b, DCK21, DCK+18, DXM+17, E5B+20, ERZ+11, GPW03, HTH16, IRB19, JMY21, JKS20, KSN21, KN21, KB21, KS20, KTB17, KCC15, KMG+18, LF15, LS19a, LLX+19b, LPZ+22, LLA+22, MS17c, MTK+21, MW18, PZO19, PCB+18, PKKL21, PCC+21, PK22a, PK22b, SS21, SPQM20, SNEP14, S17+17, STO17, SEM+20, SIM+07, SPKK22, TXY+16, ZDKK17].
machine-based [WKT08].

machine-to-machine [AM15, STO17, SKJ17].
machines [AZM20, AMAB17, BB12, BB15, BWHS18, BBW19, BBV+20, CCL+17, EK20, EMS15, GJK+20, GOD12, GKG+04, GDMK+18, GE06, HKS19, JBBH21, KBB11, SJB14, SLC20, VRDTB+16, WDT18, XHCL15, XTB17, XA22, ZS01].
macro [CS21, LYL21].
macromolecular [ABC+15].
MacZ [CGKW13].
made [BDH16, LGPMX13, MTA+07, STWSP12].
Maghrebian [Ano21-40].
magnetic [EMEY14, IK22, KSM15, TNP21, WKB+19].
magneto [SCS17a].
magnetohydrodynamics [SPH13].
magnetosphere [Ogi02].
magnetostatic [KMJ+17].
Magnum [SVB19].
Mahalanobis [HYGF19].
main [STISM21, XLL+21].
maintained [MZ06].
maintaining [ABDO09, BDF15].
makes [DKKL06].
Making [MTHK14, ABMMR19, BJC17, DCCZ18, GQJL18, GPS+07, HLL+15, LLX+21, MTY21, Ogi20b, SS17a].
Malaria [GKM+08].
Malicious [DD21, DLJ15, HCS18, JKS20, KGV+17, LZW+21, YWL+17b].
Malleable [EDSV09].
malware [AKUA22, BD21, DDH+20, HZH+19, HAA+17, KGP+19, LZC+20, LGQS12, NJZZ19].
malwares [HPK+18].
mammograms [SRR19].
mammograms [SRR19].
magnitude [PA21, RRBB11, RVAE21, RAFD14, SMH+19, SIST18, SGSC08, SACJ04, SPJ14, SSM+21, SWW+16, TCDMR+17, TC12, VCP16, VvSI07, WYBS16, WWX+19, WNT02, XLLX20, YWY+10, YLR+13, YY20a, YESG+17b, YESG+17a, YYS15, YLJZ13, Yu18, ZABP18, ZYFZ19, ZSC+21, ZLC17a, ZWX16b, BD04, MP04].
manager [MRS+10].
Managing [BZDR+10, GGFPGB14, HK02, JKL19, KES04, Zic12, DFLNP07, GFPGT21, HCG07, Mit17b, SMY+15, VH12].
mandibular [VB21].
MANET
[AG17a, BKA19, KBDA19, MBB19, NM20, SL20, SM19b]. **MANETs**

[ASE+17, DD21]. **Manhattan** [ZWXS19].

**Manhattan-distance-constrained** [ZWXS19]. **MANipulation** [MdAA+21].

**Manipulator** [LXT+22]. **manner** [ZCL+18]. **mantissa** [GCF+20]. **Manual** [AdCPdSD17, SGS21a].

**Manufacturing** [Bai17, DXXL20, FD01, GRQ19a, HPCK22, LZW+17a, LW20a, LS19b, LLY19c, SAPC21]. **Many**

[COdO+11, YZ21, ZYH09, ZQH12, AV21, BHB13, BRCV16, CPEA18, CLF+19, CS17, CZL12, CLRB15, C21, DLZ16, DLK+18, ELM+16, FKO22, GSH+20, GPPR17, HCD+18, HT15, HvNJB15, HFR+17, LLA20, IAA20, JSR19b, JPS17, KQR+17, LGLA15, LCKJ21, LL16a, LB21, MCP+12, MM17, RLMG16, SPQ+17, VDL+15, YLY04, ZXC+19, ZL12, ZYH12, Zhu21].

**Many-Core** [ZQH12, ZYH09, AV21, BHB13, BRCV16, CPEA18, CLF+19, CS17, CZL12, CLRB15, DLZ16, DLK+18, ELM+16, FKO22, HvNJB15, HFR+17, JSR19b, JPS17, LGLA15, LCKJ21, LL16a, LB21, MCP+12, MM17, RLMG16, SPQ+17, ZYH12]. **Many-objective**

[YZ21, CZ21, IAA20, BHBD13, BRCV16, CPEA18, CLF+19, CS17, CZL12, CLRB15, DLZ16, DLK+18, ELM+16, FKO22, HvNJB15, HFR+17, JSR19b, JPS17, LGLA15, LCKJ21, LL16a, LB21, MCP+12, MM17, RLMG16, SPQ+17, ZYH12].

**Many-task** [GSZ+20, KQR+17]. **many-to-many** [LY04]. **Manycore**

[LOSJ17, CdOO+20, CKL17, CGGH17, HOS+21, SSMB15, RGB15]. **Manycores** [BL17, SCH22b, BH16, SCH22a].** Map**

[Dev21, RT21, AJY+15, Ano06, BFR05, DIK14, HV21, LZY+16, YYLC19, YMZD21, MWL18, SSU18, VSR+09, WZHL21, ZDR+18].

**Map-based** [RT21]. **map-reduce** [DIK14, MWL18].

**map-reduce** [DIK14, MWL18].

**map-based** [LWW+19].

**marble** [TUD21].

**marching** [FRKS12].

**margin** [TJ17b].

**marginal** [WFS+19].

**Marine** [MMG+18, BDK22, LLRS03].

**maritime** [JH21, WTEG17].

**market** [WLL+21b].

**Markov**

[MBB19, AAK+21a, EMEY14, HPM+15, JY20, KC22, WYY+19, ZAGC16].

**Markovian**

[DPS07, XWD+12, ZHM+17].

**Mary** [TBT+21].

**MASA** [dFdOSR+19].

**MASA-OpenCL** [dFdOSR+19].

**mashup** [WZT11].

**masked** [CSL20].

**masking** [PJW+14].

**mass** [BRWB06, HKG08, WJP14, YG19].

**massive** [CZL+17, CYC21, EFM17, FLYL16, MMW16, MWL+15, MCXP15, PWC+14, ...
TWXL21, WTEG17, WLP+17, WN21, XHZ+21, Xia20, XZW+20, XCZ+21, YMZD21, ZLH+15, ZLCS21, ZCX+21, dAAVS12, YYCH10. mechanisms [ASP19, CW09, CCT15, CLW+15, FK20, GP07, GÖ18, LMGZ19, MME13, OSK+01, OKW15, PCG+21, PGK11, RHZ+17, SN18, ZWZ+18, ZYZC17].

media

[APM+21, BKM+21, DBD22, DA19, DFG+18b, FLG19, GEBA17, HLW+19, KM21a, KM21b, KT19c, LWZ+20, MLZ19, MS22b, MYS19, MZA19, PWC+14, PLJ18, PDC1A7, RSJ21, TWG+21, WGZ+20, XZH+16, YG19]. mechanisms [ASP19, CW09, CCT15, CLW+15, FK20, GP07, GÖ18, LMGZ19, MME13, OSK+01, OKW15, PCG+21, PGK11, RHZ+17, SN18, ZWZ+18, ZYZC17].

median [ZDL19]. mediation [SGD15, Kin04]. mediator [Ano21j, OOTK01, RJ01]. mediator-based [Ano21j]. Medical

[JB20, LCL20, AAEA20, AG17b, BYL20, CGS21, DXWC16, GSR19, KM19, KSG11, KT19b, LCC18, LW20b, LCW21, RP21c, SAL22, TSG21, WLCW20, WLJ20, WWJ20, WNN15]. Medicine

Mitigating [KHY+20, QCB17]. Mitigation [AP22, PGC+21, DBK21, GKM19, HJT+20, IRB19, LWZC21, ORdSL13].
ML [KSM+19]. MLC [AMABS18]. MLP [XLL+21]. MLSL [KSM+19]. MMWD [LZW+21]. MOALO [SM19c]. Mobile [CKC09, Du18b, MWJ+10, OKBO19, VSB+15, WJJM17, XHH12, AKMZ13, AA16, Aia15, AMS15, AG17b, ALR22, Ano21c, BYN+17, BCI+18, BWTJ20, BV20, BKS22, BAS07, CY22, CJ21a, CWXW16, CYWX17, CHMC21, CL16, CJ12, DD16, DCP+17, DA15, EJF+16, FrdOR+19, GXL+20, GKC22, Gho21, GBSHA01, HKA+15, JHH16, JVPI18, KOO12, KKK10, KJ21, LYF+17, LHT+09, LZW+21, LLL+21, MABP13, MBP16, MDX14, MM19, MRM+21, NSKS21, Not16b, PYKL16, PGK11, PCD15, PRS01, QLL+22, QKSJ07, QMK12, RJ22, RGKK21, RSPV17, RHS17, Sha15, SR17, SKB+17, SS15b, SSC+16, TC17, TWG+21, TTW+21, TTA20, TT22, V1W9, VT15, VCB20, WHXZ15, WZS+15, WWL+20, WBG+20, WBZ21, XY17, YCW08, YHM08, DD16, JM19, MWJ+10]. Mobile-Grid [MWJ+10]. Mobility [Den07, TT22, CLR18, MBP16, MJ11, PKVS21, WM21, XLXZ20, YMZD21].
modal [DSC+21b, YC19b]. mode [AAF17, AR19, CYZ+21, DZH20, KB18, LHB+19, LLKS21, PLL17, THW21, TAH22, XS19]. mode-directed [AR19]. mode-recycling [CYZ+21]. Model [CLR18, LGG16, MdAA+21, MK12, RF21, YC19b, ABtGT+12, AAK+21a, ACJ21a, ASWR12, AA22a, AARR20, AMGCC17, AAK21c, Ano21c, AHS20, AKM+06, AMM+20, ABG+13, Bac03, BC21, BV16, BVGVE11, BPAE20, BCCM16, BCdlCT06, BLL+19, BXLJ16, BDY02, BBT+14, BAZ09, BBD10, BDG+10, BBSW17, CL01, CSL20, CAC+08, CTY15, CZWH07, CXPL15, CXXW16, CLF+19, CSWC20, CK21b, CWL+21, CWL+22, CML20, CN16, CSL21, DD17, DCM21, DCJ14, Dev21, DPS21, DWCO9, DLZ16, DNB19, DHC11, EMEE14, EJD15, FXY17, Fecl2, FBV+17, GPDB20, GWGR20, Gho21, GQ04, GYZ+20, GD06, GW+14, GC18, Guo19, GYL+21, GMK+21, GKM19, GVP+14, HGHD22, HZHP09, HBB20, HHXH20, HYT+21, HW16, HY12, ID18, JPL22, JAA08, JY20, JCL+20, JQGL20, JYW+20, JMY21, JJJZ+21, JYJ+21, KS19a, K22, KE21, KCD19, KA09, KV12, KBBH21, KI+22, KCCW9].
model [KKK+19, KHL17b, Kin21b, KHZ+15, LYN+12, Lan17, LPHK20, LSSQ22, LWS09, LKPM09, LXP+12, LZZ12, LLX+15a, LZL+17b, LLY+19a, LSZ19, LZL+19, LWLZ20, LW20b, LWD21, LLY21, LCCCT22, LF17, LCW+17, LHB+19, LJP+21, LFHO8a, LZC08, LZC09, LWLZ11, LWX17, LL19b, LLRS19, LZY+20, LPC+21, LSQW21, LSP15, LS21, LAKA21, MLS+15, MLG15, MTGZ17, MS13, MRMC15, MRG22, MQEK21, MH16, MZW+16, MBC+14, ML19b, MIM19, MGM+08, Mon21, MSV+10, MRAM+21, MCC16.
EFG+03, EHSU07, EJF+16, EFA+17, FC21, FM20, FCZ20, GBBS21, GWW17, GZC+22, GKP+19, GLM+16, GMMT17, GPVCdBRO12, HJB12, HTHW16, HOS+21, HKA20, HKAC14, HSL19, HFR+17, HM16, HAA+07, Hua20, HAA+17, IZXM09, JvAB+15, JCUV15, JC07]. **multi** [JQL+15, JL10, JSR19b, Jon09, JK10, JPS17, KRKM22, KBL+21, KSG11, KOOB15, KW21, KW19b, KN19, KSP21, LDPZ14, LXW+16, LZL17a, LPY+08, LQL+09, LYL+20b, LSMVML15, LXK+19, MGBC16, MHL+05, MS07, MFG+13, MH07, MS22b, MPG20, MS17, MML16, MLVBW12, MDL+10, OLG+15, OAS+15, OM06a, PRS16, PZ11, PTCN07, PSICU18, PS19b, Pu13, QCBI7, RAaB21, RHBIK11, RHL+18, SAD13, SLV12, SBA22, SLG+20, SCGZ19, SYJL20, Shi22, SAP16, SPW09, SWW+16, SMFM18, STL+15, SF1+21, SVN12, TLY+15, TLI9, TKS18, TMAG03, US21, VCFZ20, VGN+16, VLF+13, WLYX14, WLYH16, WLYX16, WFKS18, WHC+20, XLH+21, XZL17a, YCL+11, YLC+11, Yan19a, YKA+19, YYZH19, YCY20, ZSWS18, ZWL+13, ZLL19, ZZQ+22, ZM13, ZQQ+16, ZDR+18, ZCL+18, ZZZ+15, ZJL15, ZZZ+17a, ZTGW17, dCRLS11, vdKEL10, TWH+22, BAR21, CS21, GN21a]. **multi** [SAP16]. **Multi**-[ZYH09, CdOO+20, CPEA18, HOS+21]. **multi-/manycore** [HOS+21]. **multi-agent** [CGN15, CN16, EFA+17, GPVCdBRO12, HM16, KN19, OM06a, RHL+18, TLI9]. **multi-asset** [DCJ12]. **multi-attribute** [PS19b]. Multi-authority [ZWY+19]. **multi-channel** [DXZ+16]. **multi-chip** [MPG20]. **multi-class** [DP19]. **multi-classification** [CAY22]. **multi-cloud** [LSMVML15, QCB17, SWW+16]. **multi-cluster** [Jon09, YCL+11]. **multi-component** [ALKD16, EJF+16, SVN12]. **multi-constraint** [SKK02]. **Multi-controller** [XZXV21]. **multi-coprocessor** [DWC+15]. Multi-core [XZ09, AYN+14, ART14, AMTM17, ACCM17, BRCV16, CZG16, CZL+17, GLM+16, HTHW16, HKAC14, HFR+17, IZXM09, JSR19b, JPS17, KSG11, KW19b, LQL+09, MGBC16, MS17, OAS+15, PZ11, RHBIK11, SPW09, STL+15, SEF+14, TLY+15, WLYH16, YCY20, ZZZ+17a]. **multi-cores** [BKSM+15, ZQZ+16, ZDR+18]. **multi-CPU** [SAP16]. **Multi-criteria** [KS19b]. **multi-datacenter** [ZWL+13]. **Multi-dimensional** [AR19, CWYX17, DCCZ18, JQL+15, LYL+20b, XDYJ21, ZM13]. **multi-disk** [DYY+19]. **multi-domain** [SCGZ19, ZTGW17]. **multi-exponentiations** [TKS18]. **Multi-feature** [Y120b, GZC+22]. **multi-functional** [LDPZ14]. **Multi-GPU** [CNAQ18, KH12, XR21, GMMT17, VCFZ20, VLF+13, ZCL+18, dCRLS11, TWH+22, BAR21, CS21, SAP16]. **multi-GPUs** [CMG+19, PSICU18]. **multi-grained** [MDL+10]. **multi-granularity** [YKA+19]. **multi-graphics** [GWW17, OLG+15, SAD13]. **Multi-hop** [BAT13, MS07]. **multi-information** [Yan19a]. **multi-infrastructure** [JvAB+15]. **multi-input** [Ano21a, SYJL20]. **Multi-installment** [DL07]. **multi-Internet** [FCZ20]. **multi-keyword** [SAP16]. **multi-keyword** [HKA20].

Multi-level [CCC12a, BPL12, CCW+15, HJB12, LPY+08, WFKS18, ZZZ+15].


Multi-step [NK22]. Multi-swarm [LGL+21, BPD22, dCPD13].


Multicellular [HYK21]. multichannel [LHWT20]. multi-class [FAM22].


Multicore [DP14, ZQH12, AZM20, ADMQ014, ATN11, BBF21, BHM+12, BHKW12, TKD08, CGP16, CLY+16, CEM+17, DRZ13, DJM12, DDM16, DFG17, EPB14, FP09, GGV14, HLYD12, JBBH21, JdM12, JKD19, KLDB10, LXRJ13, LS14, MHJ16, ML19a, MSP+13, Nob08, PDY14, PPBB14, QB12, RVD+12, SCR11, SL+12, SPC+21, SSK11, SM09, SHC+16, SJPB17, SW09, TYTY15, TKS18, WJ09, XL+15, XL17, YWC11, YY20b, YH12, ZHY12, RGB+15].

multidisciplinary [RWK+02]. Multienvironment [PS21]. Multifeature [LZF20]. Multifeature-based [LZF20]. multigrid
[BFK+17, DVD+12, GKS14, GRS+17, LW05, MW21, SJW18]. Multihop
[Ngu21, MBP16]. multiion [ZZS+21b]. multiternal [APM+21]. multilabel
[DDZ+20]. Multilayer [CAKH17, LC21, OBTC20, The21, ZP07].
dultipliered [CJC+18]. multilayers [SR19c]. Multilevel
[MS19, SS22b, THM+11, BMK+20, CSTV06, CDM+21, EJD15,
Fec12, GB07, LGJ17, Nak02, RCLS16, THW21, WXLM19]. multilinear
[SZ18, ZXW16b]. Multimedia
[BGT06, MBM+20b, YWT+12, ABSEh20, ABR+06, CJ21a, CL22, EB10,
FWU+04, HAE09, JL10, JK10, KBD19, LLWS09, LWZ13, MBMB18,
Ogi20b, ORP21, PBSB04, RS11, WLZ+21b, ZBP06, ZCC+06, LV12].
Multimethod [GPP+18]. Multimodal
[SZqWZ20, APM+21, CZG+20, DWDG20, MYS19, MG21b]. Multimodal
[APM+21]. Multiobjective [GWGR20, TKB09, BPW+20, TS22, YLW+22].
multitomics [CSWC20]. multiparty [PCT04, RCT03]. Multipath
[ZLC17b, CL22, LWZC21, MTM19, NIU17, SS15b, YWM+10].
multipathing [CSL+18]. multiperiodic [PQP13]. multiperson [ZLH+18].
multiphase [GPS+07, MWLS11, XWX+19, YHJ+14]. Multiplatform
[NJ21]. multiplayer [CRC15a]. Multiple
[CY07, DS20a, FBV+13, LLJR21, WZS+15, ZLC17a, AMAT22, AYG+21,
AAE09, CMLL21, SYF22, FRKS12, FXX22, JC07, KL19, KSK+20, KB18,
LL10, LZW13, LWYZ19, LLH+17, Lyo02, MAS+14, MLP04, NTK22, NB12,
NRP+20, PMS+21, PWMSX16, SJ19, SK09, SM21, SCLK15, TSG21, WLZ17,
XLYL17, YDS+14, ZSL+15, ZWL+15, ZNT+16, ZWW+18, ZWL20].
multiple-access [SCLK15]. Multiple-replica [LLJR21].
multiple-session-keys [AMAT22]. multiple-watermarking [TSG21].
multiplexer [Mos91]. multiplexing [BVGVEAFG11, Ben22, GCZ+17].
multiplexing-based [Ben22]. Multiplication
[ALKD16, Akt18b, AHK+15, CXC+18, DS04, FIJ+14, GW17, GW15, GR14,
HG18, HCG21, KS21b, MRL16, NA15, OAS+15, SAD13, TDM+15, VS02].
multiplicity [LIH14]. multiplier [SZ18]. multiply [AB01]. multipole
[LY14, MRH14]. Multipopulation [XWW+21]. multiprocessing [LLR+21].
multiprocessor
[CLT+16, DSC+21a, KBB17, KL02, LWB13, MT19b, SPS17, TS21, The01].
multiprocessors
[AD02, ALBZ21, CFPJ+17, GA09, KC06, RF15, RS12, SWB12].
multiproduct [GMN21]. multiprogrammed [KL02, YL01].
multiprogramming [UWF+21]. MultiRace [PS07]. multirail [CFP+03].
multiresolution [XCX+20]. multirings [YKD+15]. Multiscale
[CWL+21, CWL+22, GBB+15, SYT+21, ZDJ+21, CNAQ18, CLL21, KW19b].
Multisensor [JLQ+17, KC18]. Multiset [MdAA+21, YSL+21b]. multisite
multispectral [BT21, LYW+21]. multisurface [SBGC21]. multistage [LZY+21]. multithreaded [ABC+15, AAC+15, AR19, BHA15a, BS10, BCG14, CDP+21, GB20, GRS06, GA09, KS21b, PS07, RS07, TKA+02, WT10].
multithreading

[BCM+07, CCC12a, GE08, KIM+03, LZW17b, MIGA18, MKIO04, PHCR09]. multithreading-based [GE08].

multiversion [BMS+09, BT04].
multiversioning [TJF14].
multiview [MLZ+21a, RK15, YSL+21b, ZW+21, ZWL+20].
multiway [YKA+19, vSB06].
musical [GSB21].

mutable [MTD+20, AMAT22].

myExperiment [DGA+10]. MyExperimentalScience [FMMD13]. MyPYTHIA [HCD+02]. myVocs [GRSB09].
[DCP+17, HF17, HFFA20, Jun09, MRL16, RT21, XZ09, ZWH+17, AI17, AKEC20, AMRH11, AK+21a, Agr21, AM21, AAQAR+17, AZA20, ACGG06, AVS+19, Ano21a, AZF+12, AKW04, BZWH21, BDZ19, BKK11, BKS22, BDF15, BSZ09, BML+18, CLD21, CRCC09, CZG+20, CQ22, CCK+17, CLZX10, C211, CWXW16, CDdW17, CLC+20, CPYC21, CYC21, CW22, CYZ+21, Cho20, CKRO13, CSB+16, CT11b, CM21, CDF+17, CM18, CS13, DRM22a, DJF21, DFLNP07, DP22, DG21, DLG+12, DZL20, DK19b, DCWM20, DM21, EVVR21, EYH17, EFA+17, GPDB20, GZG+16, GLW22, GBMM15, GCC19, GSK19, HM12, HDX+17, HL19, HB20, HYX05, HTQ13, HLW+21, ITO21, IX20, JK22, JS22, JSC22, JJC17, JHC19, JZB20, JWW17, JK10, Jun16, KE21, KPJ+21, KSJK21, KÖ22, KA21a, KV20, KHHC13, KHL17b, KPK20, KJH19, KKT13, KP21, KC18]. network [KWX18, LLD19, LPHK20, LJPP16, LDPZ14, LL15, LZL17a, LCW+19, LTT19b, LL19a, LWZL20, LN20, LZF20, LCZ+20, LI21, LSD21, LYL21, LLZ+21b, LDX13, LLLyL16, LHC16, LWY+17, LS+20, LGLL20, LLJ+22, LAL20, LMP19, LWZ+20, LHL+20, MM19, MTGZ17, MCT22, MS07, M+21, MLKD20, MRP+18, MRS+21, NBK22, NFF21, NWZ+21, NSSAK13, NSSLK16, NQL+17, NJM19, NLG+20, Not+16b, OKJ+21, OORVB14, PFC14, PChL18, PKB22, PLX20, PZ+15, PAM+15, QD17, QZH16, RM21, RJ22, RGKK21, RSS20, SJ19, S+22, SJS19, SK21a, SBA22, SFCV16, SZH17, SM+21, SMS21, SK17, SZG+19, SzQ20, SR20a, SCS+21, SPW09, SPHP21, SBB+20, SR19c, SG18, SLHW20, SYT+21, SR19, Tan15, TTY15, TC17, TPV17, TÖ21, ULS03, WLZ11, WAMA07, WLP+17, Wan18a, WGQ+18, WWX+19, cWuTh19, WM+20, WLC20, WZZ+20, Wan20, WWGW21, WMC21, WZH11, WLZ11a, WWJ+20, WL02]. network [WWL+20, WZZZ20, WYZAD20, WWX+17, XGC19, XZT10, XHZ12, XADL15, XGZ+21, XZ+20, XB+15, XHZ+16a, XL+15, XL17, XSZ+20, YCZ+13, YLWQ18, YLCL18, YY19, YLL20, YM21, YLZ18, YY20a, YLW+22, YF20, YSC+20, ZDH+22, ZPG10, ZY12, ZSL+15, ZWLY16, ZHC+18, ZL19, ZGL19, ZWCS20, ZLZ+21, ZYX+21, ZSC+21, ZLT21, ZLW+18, ZWSX19, ZCX+21, ZZZX19, ZKJ+07, ZHGX16, ZCXX17, ZZ+20, ZDJ+21, ZYL+08, ZZ11, XZ11, GBS21, LLX15b, P919a, XZ1b]. Network-aware [DCP+17, Jun09, MRL16, CEH+06, CRCC09, KVV20]. network-based [EFA+17, HTQ13, JW21, LAL20, MLKD20, S+21, SBB+20, ZZZX19]. network-bound [CT11b]. network-enabled [DFLNP07]. Network-on [PS19a]. network-on-chip [AY21, X2L+15, GBBS21]. network-on-chips [IT021]. network-taking [PLX20]. networked [CRGR+12, LLD19, LLL15, WR17, ZZ+20]. Networking [SCGZ19, TAH22, ZD70, DAC+18, JZJW15, KT22, LC+17, LCZ+20a, 19].
Network-based [TAH22]. Networks
[AM07, HJTX17, SG19, WXY20, XLWZ11, AP22, AB20a, AKMZ13, AM20a, AK21, Aia15, ABSS22, AQRA+18, AS15, AAF17, AAHA18, AAARR20, AMP+18, ALL+15, Ano21-35, Ano21-39, ASMS21, AMM+20, BA19, BJ+19, BV22, BPdM06, BNNH19, BK21, Ben21, BN19, BFH17, BKL30, BBB16, BAT13, BGPQ21, CLL+18, CLX07, CGMJ+19, CQXY14, CWYX17, CSWZ22, CL22, CPD+17, CHL13, CGKW13, CF+03, CFTT17, CGKW13, CFP+03, CFTT17, CCM+17, CNPP09, CSAC19, CLW+15, CE3+18, CMD17, DLJ15, DLPO7, DGM18, DGM21, DF12, Del08, DGW16, Den07, DK19a, DK21, DEF08, DXH17, DMA13, DMM+07, DA15, DPP+19, DFSJ22, Eke22, EB10, ESG17, ETR+15, FC21, FXX16, FAM+18, FD20b, FH13, FBV+17, GS08, GHMX13, GXL+20, GGFPGB14, GLL16, GSTS22, GYZ+20, GM21, GBJ19, GMK+21, HZC+14, HKA+15, HWQ+16, HLL+21, ICS18, HLG17, IA22, networks [IHB15, IAQ20, JPN21, JH21, JNUH17, JAA08, JBL15, JHS+21, JSPE15, JY+17, JQGL20, JZ13, JPO+21, JZK03, K22, KDS+20, KO012, KKK10, KA16, KB017, KJH21, KKW+14, KMA04, KABD07, KDW+17, LCA+19, LCSR21, Li04, LXP+12, LL13, LLC+15a, LWG+15, LGY17, LLW+20, Li20, LPW+21, LL21, LFZ07, LAM+09, LL+20, LSQW21, LMC13, LLZ+17b, LLL+21, LXL+09, MSMA19, MVWJ14, MZ06, MDX14, MMBP12, MT20, MS21c, MOK04, MLLR09, MO15, MCNR20, MNS+20, NAR+22, NMQ22, NLFA19, Ngu21, ORdSL13, Ona21, OEP+15, OKBO19, OE22, PB19a, PAN22, PF12, PML5, PY19, PCD15, PS19b, PA21, QLS15, QSS+17, QL+22, QWW+16, QSKS07, QMK12, RCB+04, RNJM17, RSPV17, RMP13b, RH07, SPA+21, SAOKM04, SCSC17a, SAD+21, SWS+18, SK17, SG09, SZG21, SKSB20, SCS+21, SC07a, SAM+17, SS22c, SDR20, TKHA13, TAMC19, TSL21, TZYL13]. networks [TZG+19, TT22, TLWZ14, Tru15, UGM18, V19, VRDTB+16, VvS17, WTEG17, WBZ10, WYY+13, WZS+15, WWL+17a, WM17, WCZ+18, WXH19, WD+21, WSJ+21, WCGW21, WLDW22, XBK17, XBCW19, XW13, XWB+15, XLJ18, XJZ13, XGHX15, XLZZ20, XZT+11, XLL+12, XLL+18, YBO10, YGW17, YHHS16, YKD+15, YYZ+17, YESG+17b, YESG+17a, YESG+19, YM+10, YQL+15, YLGY20, YLJZ13, YMLR16, ZK08, ZLF19, Zen19a, ZSWS18, ZQLZ12, ZJL13, ZG17, ZA+17, ZDL19, ZZY+19, ZACG16, ZFW+17, ZHZ+19, ZWW+21, ZDL+22, ZGX11, ZLA+15, ZWL+20, ZCS06, ZKWK17, ZTGW17, dCRS11, dCHMJ12, uZKH+20]. networks-on-chip [GGFPGB14]. Neural
[CKL20, EFA+17, AAK+21a, AAARR20, AQA0, ACQG06, AMM+20, BK21, CMJ+19, CQ22, CK21b, Cho20, DRM22a, DS21, DCF12, DG21, DMM+07, DM21, FC21, GPDB20, GJW22, GSTS22, IK22, JNS22, JW17, JPO+21, KE21, KCP+21, KSJX21, KA21a, Kim21b, LPJK20, LCW+19, LLI+19, LLL20, LN20, LZF20, LZC+20, LLJ+22, LLZ+17b, LWZ+20, MCT22, ML19b, MRS+21, NBK22, NMQ22, NWZ+21, OKJ+21, Oba21, OE22, PANZ, PNB22, PLX20, QSS+17, RM21, SPA+21, SRG+22, SK21a, SBA22, SAD+21,

O [EFM17, LFG05, BFL+10, BKND16, BDT01, Hic18, JCJ17, LCKJ21, LGL+17, LQL+09, LL+14, LFG05, PLM+19, RZVC21, WTL+16, YSL+21a, YLL+18]. O-intensive [PLW+18]. O2O [PLX20, Yu18]. OaaS [FTR15]. OB [XHCL15]. Obfuscation [CZ15b, ABSS22]. Obituary [OS09]. Object [BTT21, EB05, HWR03, SWL+01, VJHB05, AM01, AJMJS05, MS22a, Bac03, BG03, BKCP09, BP03, CL01, CMPT08, CGS15, CM02, DLH01, FAM22, GKG+04, HmLG03, HK02, HPS12, HCK+08, JM19, JNS22, JL10, KL19, KS04, LAE+22, LVN+12, LK03, LH05, LXJ+22, ML20, MSB+20, MP03, NBS+22, NET20, NMKB03, OCS01, ORdSL13, Pre01, QSMK04, R01, dFMSPSW06, SKK01, YB12, ZQW+21, ZWZ+21, GMF01]. object-based [BKCP09, CM02, HCK+08, NET20, NMKB03]. object-centric [MSB+20]. Object-oriented [EB05, HWR03, SWL+01, AM01, CL01, CGS15, DLH01, GKG+04, HmLG03, HK02, KS04, QSMK04, R01, SKK01, YB12, GMF01]. object-passing [AJMJS05]. objective [AMA22, CNG+20, CZ21, DS19, FC21, GKP+19, HPCK22, IAA20, JCVU15, JC07, KBL+21, KOOB15, KMRT18, KSP21, MHLC+05, MS22b, RHuR+19, RZZ21, SH22, SG18, WHC+20, XLHT17, YZ21, ZXC+19, ZX20, Zhou21, vdKEL10]. Objects [TM01, ABSEh20, ATSAK15, BA20, DPP03, DS15, FHO+15, FRK12, IR11, LL10, LOSJ17, MS05, NN07, Pun01]. oblivious [HT15]. observable
Observation [SM09, YYXL19]. observations [LOSJ17, vHvdSvL03]. observed [SZS20], observer [DD21]. Observing [TV14]. obstacle [WLXL21], obstacles [SSSP21]. obtain [AMVOSGAC17].


BRL+20, GMN21, KCZ+05, MBP+05, PML+05, SYR+22, SPC+21. OLA [JTW+20, KLP+08, RLD020]. oligomucleotide [MKKB04].

Olympic [dPdCMdS+12]. OMFTSA [RAG21]. OmpSs [ABF+17]. on- [ANO21i]. on-board [ZJS11]. On-chip [SCP20]. On-demand [ASWR12, CCSS10, CSW22, FSM+19, JGW20, LL10, MS17a, MS17b, MS18]. on-line [CRC15a, zGWXT09, HK01, VB16]. on-line/off-line [zGWXT09].

On-the-fly [PS07, YPO21]. on-the-loop [FJG+21]. onboard [SK21c]. OnDemand [CFR+21]. One [God12, Hn15, JGW20, KMA04, SZG19, CS17, DBB+16, KW21, KYBV17, LSK04, SKS+08, XLX+21, ZZS21a].

One-class [God12]. One-round [SZG19]. one-shot [XLX+21]. One-sided [JGW20, CS17, DBB+16, KYBV17, LSK04]. one-step [KW21]. One-to-all [KMA04].

Online [HZL19, HL19, KTB17, LGL16b, LLX15b, PCGE18, RS16, WLZ21a, AQR+18, AAH+18, ALN+21, BDL+15, BB12, BBLH1, BKL20, CZJ19, CYC21, CS13, DGM18, DGM21, GM21, GGC19, HLF+17, HSL19, Ios11, JSPE15, JWW17, Kar14b, LLZ+21, LLY21, LJJW+17, LGLZ20, LLL+21b, MCXP15, RVC21, RS07, SZR16, SZT19, TC17, THQ19, TJZ+19, TBTZ18, VS19, WYZ+17, WJXZ18, ZW09, ZXW16a, ZLH+18, ZFW+17, ZWL+19, dSGD14]. OnOff [uZHK+20]. onto [FHH+20].

ontologies [FTR15, ZTL+21]. Ontology

[FTT15, MPS11, MST15, YLL20a, ZTL+21, AM15, AHH14, DHC11, DH13, FTRA15, HL20, KGGT12, LGMG20, PME+08, RF21, UAW09, XWD+12]. ontology-based [AML5, KGGT12, LGMG20, PME+08, XWD+12].

ontology-driven [FTR21]. ontology-learning-based [DH3]. OODB [mLGP03]. OOLKIT [ABF+10]. Opcode [LZC+20, BD21, DDH+20].

opcode-based [DDH+20]. Open [BFG01, CFR+21, BAZ18, BZB17, BDP+14, DGA+10, DJF21, DSS21, KJM+17, KZY15, LFX+20, MRJ+14, Men03, MGM+08, NoB08, NMS+21, PLL11, PPC+15, PPR19, TTL06, YWA07, ACF+07, CEG+05, DT15b, Lee09, MIM0, SNN09]. open-source [BDP+14, NoB08, PPC+15, TTL06, YWA07]. OpenABLext [XAC+20].
OpenACC [CGK+16, JCP15, LBG+20, XR21]. OpenCL
[ABDP15, CBGL19, FE17, FVLS15, dFdOSR+19, HSO+21, JKM+17, LL16c, RBC20, SAP16, WJP14, ZWL+17]. OpenCL-accelerated
[ZWL+17]. OpenCL-based [JKM+17, WJP14]. OpenFlow
[AYKE21, GCWE15, NJU17]. OpenFOAM [XWX+19]. opening [LZC14]. OpenISA [AMB+17]. OpenMP
[CdOO+20, CLYC16, CBPP02, DKB20, FSG19, GG09, HDDG09, JCP15, KOB01, KBVP07, KBG09, KC06, LBG+20, LHC+07, LL01, LMC04, Nob08, VDL+15, YWC11]. OpenMP-like
[KOB01]. OpenMP-oriented [MLC04]. OpenPOWER [KS19c]. OpenSHMEM [CM21]. OpenStack
[BB15, MML+17, TKB16]. OpenStreetMap
[ML20]. OpenStreetMap-tagged [ML20]. OpenTuner
[BAG17]. OpenUH [LHC+07]. operating
[Cha03, LBDS15, LCZ+20b, MW18, PT12, SZR16, YL01]. operation
[DZLH20, FZC20, GZ20, LME+19, LZG+19, LWLZ11, LWL+19, ON02, OKW18, PCVZ+04, SRM+15, SSMB15, YYS15, ZZS21a]. operational
[BBP21, MHPA21, YGL05]. operations
[AAI12, DHM14, DÇK+18, HSV+19, HKRR08, JH21, JLT06, KPNS18, KLDB10, LFW20, LZY+16, MB21, OK15, RP21a, SGCA+16, ZX11]. operative
[JDG22, Man21, CRC+15b]. operator
[ABFL17, ABMdAMF19, CLNR18, DS20a, DPS16]. operators
[PN19]. Opinion
[Ano21-39, CdDw17, CPYC21, CMK22, LS22b, WHJ+20, YSC+20]. opinions
[ALNJ21, ZTM12]. Opportunistic
[EB10, GJK+20, CC10, CPD+17, CCM+17, CEB+18, DKKL06, FBC10, dAGC11, HM12, MBB19, NQL+17, PGK11, SMH+19, SWS+18, TYHL12, ZQLZ12]. Opportunities
[YWT+12, LH05]. opposition
[BDK22]. opposition-based
[BDK22]. Oppositional
[KV22]. optic
[SCS17a, ZBZ+15]. Optical
[AS15, LLN+14, BKA19, CRKO13, FAM+18, GDD+04, JK19b, OORVB14, RLVRG14]. OPTICS
[LHZX19]. Optimal
[BZWH21, BB12, BDP18, CCCW13, CLNR18, CJ21a, KEK+20, KS22, KB06, KB17, Zen19a, APM+21, AMVOSGAC17, CSBL12, CW11b, DKL21, DKJ13, EK20, ER12, HK21, JR19, JL10, JKV+15, KRKM22, KA16, KB21, LCW+19, LS15, LQL+15, NNVD22, NBS+22, PTL+16, RCA+12, SJ19, SJW18, SLG+20, SY19, VG21, WXLMM19, XWH+17, YIN19, YZY17, ZQLZ19]. optimality
[Mal05, Viv03]. Optimally
[MUKY18]. optimisation
[BT20, EFM17, GCWE15, GK+19, GvDHS12, YOBS16]. optimism
[LTL09]. Optimistic
[SSMB15, RM11, XPS+15]. Optimization
[DVD+12, GLJ20, KSS21, KAA19, MM+18, MO02b, OA02, PSM+11, PXY+07, ZDX12, ABEEH20, ALKD16, ASL20, APM+21, ABA22, AZA20, AJ21, ASMS21, ASA+21, AB21, ANK+17, ANH+19, BKK22, BEN22, BLL18, BKS18, BSP11, dCPD13, CF21, CEN22, CSL12, CLW+18, CLF+19, CHMC21, CA22, CL07, CDP+21, CEM+17, CZ21, DDB22, DS20a, DBK21, DS20b, DS22, DPM17, DWZ20a, DBH+17, DLC+21, DPSJ22, EN19, EQW+18, FC21, GZ20, GW17, GKC22, GRQ19a, GPP+18, GC20, HAR20,
optimization

[PN19, PWH18, PLR+14, PJP21, QSMK04, RSM21, RP21c, RK21b, RZCA21, RAC21, RZVC21, RK15, SAD02, SBB21, SDW21, SH22, SI18, SHn22, SD11a, SKS20, SKSP20, SG18, SFJ+21, TLX+17, TOK21, TPT+18, TV14, TT21, TS22, UD21, VJHB05, VP22, VG21, WSL21, Wan22, Wan20, WGY20, WL20, WZB21, WCC21, WWL+20, WMV+09, WZYG19, XDE+04, XL21, XR21, YZYT21, YZYT21, YKW20, YZY+17, YCY20, YPLJ11, YY22, ZHT08, ZT09, ZS17, ZSC+17, ZDL21, ZXC+19, ZLS21, ZLZ21, ZCY18, ZLZ21, ZYL21, ZY22, ZZ18, ZYB21, ZZ21b, sCR19, MS17b].

optimization-based [NNVD22, RK21b, TV14, ZGL21].

optimization-multikernal [APM+21].

optimization-support [YY22].

optimizations [JCVU15, KKL09, LL16c, NPL19, SADB16, VHBB03, VCO13, dARP17, dRDSC+21].

optimize [BB19, BRL+20, CGW+20, LS19b, TLM17, Yil21c].

Optimized

[GAB19, JKD19, KL21a, MG21a, ZKLI10, ABF+10, AgR21, Ano21c, BWD15, FNI17, HIB15, JK10, KB09, KMJ+17, KK+14, KG19, LH17, LM20b, ML19a, MSCP21, MFC18, OE22, PS19a, PS19b, VS02, VCFZ20, YWLQ18, ZWL+15].

optimizer [BJGF20, DS20b, LGL+21, KB17].

Optimizing

[BB09, BYN+17, BMK+20, BBK11, Cha03, CQXW14, CC+08, G06, HM12, HWZ+15, ITK09, IA20, KHL+17a, KR11, LK+19, MPH21, Mon21, PSK+15, JP21, RKS02, RC09, RSMF+12, SK09, SRL+14, TK10, VS11, WK20, XY17, Yil21a, ZYZ+12, ZZL+20, ZLW+20, BD219, CSC+17, DAL15, EDB08, LF15, LXY+16, LHC+07, M17, MS17, MT20, TZK16, WTN07, dOPB021].

Optimum [KA22, KK22, SS17b].

option [CCO15a, HLCW15, LL16a, TTP16, ZO14].

options [DCJ12, PW12, ZK12].

Opto [PWH18].

Opto-electric [PWH18].

opus [SVB19].

ORC [IP20].

orchestration [CI20, JDB16, LM08, MK15a, PB22, PB+15, RB15, SH14].

order [BB17, CCM+17, KHH13, LSLQ22, LW13, LLM21, MSV+10, PCT04, WFKS18, ZC21, RC09].

order-based [PCT04].

ordering [KBY17, RMHM15, ZTM21].

organization [SYRS+22, XXZ+16a].

organizations [CG10, GRBSB09, PCH+08, ZYN+07].

organized [KOO12, KJM17, LAM+09].

organizing [GFPT21, HM16, PB12, RIFR10, XDE+04, WZWM12].

orientation [AAEA20].

oriented [AM01, AHRW04, ACS10, BR10, BGM03, BAVM11, BM08, BML08, CL01, CCPP21, CLTT13, COZ21, CGS15, CLH+08, CBIGL19, DMRS15, DLH01].
Pamprint [SC19]. PAMPAR [GSG20]. Pandemic [PKVS21].
Panels [WWY19]. Panoramic [VB21]. Pansharpened [Yil21c].
Papers [AHP+13, BHD13, BKK+13, CWZL13, CCCW13, dOCPFJ13, CCLT13, CCRK13, CAG+13, CMT13, CS13, DRZ13, DRS+13, DVL13, DLM13, DH13, EBMD13, ETR+13, HL13, HMPPT13, HFTQ13, JGGL13, KM13, LXRJ13, LMTK13, LDXC13, LW13, MVL+13, MS13, MSP+13, MFG+13, MSV13, NSSAK13, ODS+13, PLY13, PRD+13, PB07b, PK08, Puf13, QLS13, RMP+13a, RHRB13, RTMZ13, SBF13, TWB13, VCW13, WAS07, WZZL13, WC08, WCL13, XW13, Xn08, XJRZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLN+13, ZHZ+13, GZ17, PDD14].
PAR-3D-BLAST [SL14]. Paradigm [BSEN20, CKL19, CKBB14, FJ05, FWW21, GED+18, HA21, KSK19, MG21b, MKS+20, OO20, PRS01, TBH+18, WW19, WMC21, XSSG20, ZBP06, ZF18, ZDC+09]. Paradigms [CdOO+20, CPH20, CS13, GWC+11, LMS18, MLS+12, Ogi20a, PRS01].
Parallel [AMHC11, ASL20, AMTM17, ANO15a, AT18, BGGS18, BKM+21, BQ18, BKK+20, BQ07, BQ15, BQ16, BQ22, BG14, BB02, BB04, Ben21, BCM+07, BFM+21, BD06, BV11, BKN16, BZB17, BCC+05, BD02, CML+10, CDA09, CT11a, CSL20, CLL+14, CLY+16, CNJK18, CCW04, CZL+17, CWL+20, Cho01, CGS15, CNP+15, CZL12, CSKM19, CLRB15, CCT15, CMT15, CRV15, DMS+21, DPP+06, DCJ12, DVB14, DLX+16, DPP03, DSO4, DdB01, DSS21, DR20, DCK12, DLM13, DDF+15, DZZ+17a, DZW+20b, DT01, EK20, EM01Y14, EFM17, EO+19, EAS22, EGS11, FBF+01, FJ05, Fcc12, FLY16, FMS15, FBV+13, FK+15, GWW17, GL19, GSG20, GMT07, GG09, GMS+21, GMMT17, GQ04, GD+12, GM04, GE08, GvDHS12, GWC+11, GPZ04].
Parallel [HKVW16, HMM+09, HPVRPF14, HvD13, HSHT14, HLO+16, HW16, ITP09, ID18, ISO+14, IPGCMW18, IT03, JC07, JK22, JML+16, JSZS22, JLC07, KGK17, KOB01, KHZN06, KM03, Kes04, KL12a, KTR11, KOOB15, KRS+14, KYB17, KRR1, LW05, LLRS03, LS22, LK03, LPH09, LM07, LM20a, LJP16, LKPM09, LS05, LTL+20, BBH07, MMW16, MKB01, MSD+18, MAG+20, MQOQOH01, MSK19, MVS+14, NO02, Nak02, Oh21, OLG+15, PCVZ+04, PIH04, Pla08, PPP10, PA08, QSMK04, RSM01, RTPPH12, RCS20, SPMP11, SKKK2, SG16, STS19, ST21, Str11, SN16, SEF+14, TTD+05, TFDA07, WZ04, WCH+07, WT15, YACG19, YA04, YCL+22, YT19, YWBS19, ZP07, ZLZ+17, ZZZ+15].
parallel [PGF19, PSS18, PT12, PAC17, PSCK15, PZ17, QW17, QH10, RR15, Ree01, RZL19, RLdO20, RR11, RGL15, RLVRG¹A14, SEMA22, SL14, SWCB20, dFMSPSW06, SPQM20, STISM21, SV09, SAB15, SJW18, SHT17, SRM13a, SRM13b, SER15, SK04, SV21, SMM18, SIS19, SMR21, SCBH09, IssCY17, SM03, SL18, SBDP15, STTW18, S ˙IM07, SGD18, SPHP21, SVS08, SLM05, SK18, ScdLV20, SNGR18, SS15c, TYL15, TLX17, TCSBMG17, TAB21, TBT21, TY15, TLS22, TKS18, TCH13, TSKM18, TF03, TBB18, USI21, VCP16, VGDF22, WLD15, WDG14, WCR14, WBO16, WWLD18, WZLL18, WLF19, WHX19, WLV14, WMDM07, WLL03a, WPL20, WS17, WS19b, XBPS11, XCHY13, yXILyGX21, XLL17, XLY17, YYCH10, YWC11, ZYW16, ZB17, ZGZ19, ZYLT06]. parallel [ZZ17, ZWL17, Zhu18, dCGKG06, dOOO12, vHvdSvL03, vHMB08, CM07b, JWY05, KT19c, PNL10, SMBT07, SJPB17, TL14, Ur07]. parallel-in-time [MCCD18]. parallel/distributed [MCSML07]. parallelisation [RVVPD17]. Parallelism [BPL12, VRSJ15, ABFL17, CS21, DS04, FJ05, GVC10, HJJ12, HYT15, JBBH21, MB14, NSN17, Nev17, OGA01, VB16, GDD04, MMS07, PGdCJ18]. Parallelism-based [VRSJ15]. Parallelization [GB07, HKB07, Hua20, Riz04, SS15a, SSK11, TRH15, ZZL17a, ZZL17b, AUGHJ19, CEM17, DT15b, FSG19, HC07, JSR19b, LF17, MUKY18, PNJP19, PSJM13, SMBT07, TRW07]. parallelize [SJVR15, SPW09]. Parallelized [GPV09, MKAKG14, PD20, RAK22]. Parallelizing [BHL09, BPHE14, CFP05, DK09, KSS17, LXW16, LJ17, LRRS19, BY12, DuT17, YTF01]. parameter [AAE09, BMK20, GG19, HML20, ISO14, KOÖG22, KHL17a, LLH19, RMCN07, SL18, TÖK21, TSL19, WZYG19, YGG14, YK10, Zhu18, dOPBdO21]. Parameterizable [ZCL14]. parameterized [CHM15, SS07]. parameters [BAG17, JCVU15, KCD19, MHPA21, OORVB14, WLZ17, YC19b, ZYW16, ZYL07]. Parametric [vEGW06, CMY21, IÆ11, KS04]. Parasite [LLRS03]. Pareto [KB17, MHLC05, Mal05, RLVARGÁ14, TJK16]. Pareto-based [KB17, MHLC05]. Park [Mar19]. parking [ÇG21, HZAA21]. }
MC^+08, NKKM21, PS10, SGR19]. partially [KC22, XLL^+15].

**participatory** [BvIF10, CGOF15, KAP20]. **Particle**

[KSS21, KHL17b, AA16, ASL20, AB21, AKRR20, BDY02, BDY03, dCPD13, CHMC21, CDP17, EN19, GC20, HAR20, HR18, LWQS19, MT21, MLVB05, PWH18, PJP21, QH10, RK15, SA22, SBB21, SKSP20, VDL^+15, WWL^+20, WZYG19, XDE^+04, ZHT08, ZT09, ZS17, ZZS^+21b]. **particle-in-cell** [AKRR20, MLVB05, QH10, VDL^+15].

[KC22, XLL^+15]. **particles** [SDSW21]. **particulate** [MZG19]. **partition** [BTCB16, DZL^+17a, DLW19, HWZ^+15, LZW17b, PZZ08, PZZ10, ZCZ^+19, ZTF^+20]. **partition-based** [ZCZ^+19]. **partitioned** [ZCZ^+19]. **Partitioning** [ST21, AD22, ACJ21b, ARPPM17, GPZ04, KFML20, LCKJ21, LZZ^+17, LLL^+19, PMAL14, SJW18, SKK02, SHC^+16, XWX^+19, ZLKK17, yZyWD^+21]. **partitioning-based** [GPZ04, SHC^+16].

**Partner** [HAJL16, HJTX17, MABP13, MBP16]. **party** [CT21, FIO15, HLC19, WLWX14, WLWX16, ZZC15, GN21a]. **Pascal** [CCO^+15b, LGP19]. **pass** [CH19, MCWL06]. **pass-through** [CH19]. **passenger** [KA21b]. **Passing** [AMHC11, SWL^+01, AJMJS05, BCM^+07, Cud20, DSS21, Gog11, NMKB03, OKW15, RMG^+10, RM11, SVS^+08, SSZ14, SRS^+21, HSBMR08]. **passive** [KJ19b, ZCL^+19]. **password** [Eng15, FIO15, SVY19]. **password-based** [FIO15]. **past** [DLP03]. **pasts** [BFU07]. **patch** [KSJK21]. **patch-type** [KSJK21]. **patching** [KJHM21]. **patent** [QZYZ16]. **Path** [DT15b, BM07, CSL^+18, CM21, DWZ^+20b, GKC¸22, HLZD18, KRKM22, KC18, LZH^+15, MSMA19, NQ21, RC09, SA22, SJ19, VO15, XZL^+20b, YZYT21, YYYH19, YF20, ZXW19]. **pathogen** [CSWC20]. **pathological** [LZY^+21]. **pathology** [TNP21]. **paths** [GP07, ZWXS19]. **pathways** [LTM^+14]. **patient** [HT21, dCJB20, Alm22]. **patient-centric** [dCJB20]. **patients** [Ano21h, KM19, The21, ZBZ^+15]. **Pattern** [SYJL20, TTR^+10, ATKH^+17, dRADFG17, BBG17, BLL18, CGS15, Dev21, DFCF08, FBC10, GdMK^+18, LIWSZ19, SAdb^+16, SM22, THQ19, WZ16, ZHC^+18]. **pattern-based** [BBG17, BLL18]. **patterns** [AAF^+07, CMT20, CT12, DT15a, GYS^+17, HHWZ08, LJPP16, SRR19, MWC21, WMDM07, ZJKL10]. **PAWN** [JNUH17]. **payload** [JNUH17]. **payload-based** [JNUH17]. **payloads** [CCPP21]. **Payment** [CDL08, Du18b, HH19, LHB^+19]. **PBlaman** [BWEB14]. **PBS** [Cla18]. **PC** [HON04, LKYS04, SNGR18]. **PCA** [CLX^+21, HYGF19]. **PCA-Flow** [CLX^+21]. **PCR** [ALYV05]. **PDA** [PB07a]. **PDE** [ALKD16, EFY17]. **PDE-based** [ALKD16, EFY17]. **PDEs** [CdOO^+20, CNKJ18, JN03]. **PDNOC** [XLL^+15]. **PE** [KSM^+19]. **peak** [LM08, SCL^+20, YZZ^+10]. **peaks** [FYH^+21, ZTF^+20]. **PEARC17** [DN19]. **pedagogical** [HKMS21]. **pedestrian** [CXT^+18]. **PEDISWESA** [FK19]. **Peer** [Man08, Zha08, BM10, BAZ18, CRC15a, DCEK15, DS07, DvNM^+11b, EDBS08, EB05, FG16, FPR05, GS08, GM21, LDXC13, LNKZ08, LFZ07, LAM^+09, MABP13, MME13, NET20, NR08, PGW^+08, QMK12, RGV09, SAC^+07, SG21, TLWX14, Tru15, XLL^+12, ZK08, ZCS06, dP06]. **Peer-to-Peer** [Man08, Zha08, BAI18, CRC15a, DCEK15, DS07, DvNM^+11b,
EB05, FG16, FPR05, GS08, GM21, LDXC13, LNKZ08, LFZ07, LAM$^+$09, MABP13, MME13, NET20, NR08, PGW$^+$08, QMK12, RGV09, SAC$^+$07, TLWZ14, Tru15, XLL$^+$12, ZK08, ZCS06, dP06. peer-to-peer-based [BM10]. peer-to-peer-distributed [EDBS08]. PeerfactSim.KOM [FG16].

PEAGUSUS [ST21, TBK$^+$15, KDG$^+$08, LPS$^+$09, MCD$^+$15]. PEKS [ZQD16], PEN [XL17]. penalties [GMN21, KF15, LFG05]. pencil [JKD19]. PENNANT [Fer15]. People [Li17, ZLC17a]. pepper [SS19b]. Peptide [MHLC$^+$05, WJP14]. peptides [MIGA18]. perception [JYW$^+$20, JTY$^+$21, MW18, TL21]. perfected [WWY19]. perfect [HLC$^+$21, JCVU15]. perfect [ZLKK17]. perforated [WW19]. perform [CBIGL19]. performability [MS17b]. Performance [AKEC20, ALKD16, AMRH21, AS22, AF14, AC06, AFG$^+$05, AM07, BA04, BB02, Ber07, BBdS$^+$17, BSP11, BY12, BD04, BUVS10, BLSP11, CGK$^+$16, CRCC09, CCW04, DDE$^+$12, DMA13, ESG11, FMM08, FGZ$^+$18, FK19, FN13, FJG$^+$13, GGCGS20, GG07, GLMT15, GMVRGS15, GS04a, GRS$^+$17, GXH$^+$21, Guo19, GHPR05, HJB12, HPH$^+$20, HKVW16, HKS$^+$12, HK01, HFR$^+$17, IHIB15, JFI$^+$08, JB21, JLHH14, KMBR19, KAL07, KS20, KS02, KC06, KYBV17, KSB$^+$19, KSM$^+$19, LBOE18, LRRS03, LSS05, LHL10, LGPL19, Li04, LWG$^+$15, LL16b, LHPG21, LJML10, LKYS04, MCT05, Mar05, MDH$^+$16, MLY10, MJ19, MWW10, MN10, MNL15, MWLS11, Ne05, NJ05, Oh21, OCC$^+$05, OAS$^+$15, PFU$^+$05, PG03, PHGK10, PW05, QB12, RAGA15, RK01, RMCN$^+$07, RVVPD$^+$17, SG19, SZT18, SFCAV16, SIOS02, SLC20, SWB12, SFN12]. Performance [SGR19, TSL$^+$19, TWIN07, TMR$^+$07, WKT08, WCCCC20, WXLM19, YWC11, YOBS16, ZPG10, APP$^+$21, AA16, AKK$^+$07, ABF$^+$10, ABDP15, AP10, AY21, ABMDAMF19, AAC$^+$15, AD1$^+$14, AC08, AKM$^+$06, AKRR20, BCC20, BR21, BCD$^+$10, BPAE20, BHJ$^+$16, BB12, BANT20, BFM$^+$10, BM08, BBM19, BS10, BTD01, BBD10, BDG$^+$10, BPT$^+$16, BWEB14, BXQ17, BDH15, BPD06, CMWO2, CC13, CHP17, CP$^+$16, DCPFJ13, CKOG10, Cha03, CLYC16, CNKJ18, CBPP02, CNG13, CXPL15, CLC$^+$20, CW22, CLS14, CL16, CEG$^+$05, CFP$^+$03, CDF$^+$21, CKD$^+$19, CRGR$^+$12, CMS17, DD17, DPPC20, DLVP07, Dam11, DIM18, DRZ13, DS20a, DC19a, DDX$^+$06, DS02, DMR$^+$07, DSD16, DL10, DMD16, DFLL14, DZM$^+$15, DLT$^+$16, DMMA17, DPP$^+$19, EGG$^+$04, EMS11, ESG17, EMS15, ETR$^+$13, FHB$^+$01, FEK20, FE17, FE18, FLYL16, FFLM21, FMP10, Fox12, FLP20, FBS16, GFBHR10, GSG20]. performance [GWV$^+$10, Ger05, GF07, GMT07, GO10, GFPGT21, GCS20, GMS$^+$21, GKR14, GAM17, GGM15, GMSM21, GCN09, GA08, GWVP$^+$14, GNMELC21, GLRB21, GTA10, GW15, GYP$^+$16, GVP$^+$14, HM12, HDDG09, HTHW16, HGX$^+$22, HMM$^+$09, HZY$^+$21, HSV$^+$19, HPS05, HT05, HvNJB15, HTZ$^+$22, HLHC12, HML20, HY12, ID18, IP20, JSA$^+$20, JCJ17, JYW$^+$05, dCJAAdOD21, KF15, KDC17, KA09, Kar14a, KHZN06, KHW05, KFKD22, KL12a, KFML20, KCB09, KSM$^+$08a, KPF$^+$20, KTR11, KW01, KF11, KAMB19, LLD19, LL05, LCKJ21, LM07, LSH$^+$16, Li18, LLH19, LLY$^+$19a, LJZ21, LSS15, LHBW15, LHH$^+$19, LHB$^+$19, LFH08a,
LQL+09, LAL02, LK+19, LL01, LKJ03, LSK04, MSA19, MBP16, MBM+20b, Mal05, MMP01, ML19a, MLVB05, MMSG17, MBC+14, MSPDP19, MSB17, MJD17, MOK04, MO02b, MG21a, Mit20, MDV07, MA15, MMG+18, MFC18, MKSS16, MB02. performance
[MM10, NNM+10, Not16b, OKJ+21, OFR+17, OWB+20, PSRR14, PLM+19, CSS+19, PGC+19, PS21, PPBB14, PKQD21, PLL17, SSS+18, PK17, PFB15, PS19a, QXXZ16, QWZ+19, RT21, RVDD10, RAK22, dRReCR16, RCB03, RZVC21, RMW19, RGL+15, RCLSK16, RM03, RGB+15, SM02, dFMSPSW06, SBK+20, SAB15, SRF13, SER15, SCC+10, SLGL16, SCBH09, ISsCY17, SCGZ19, SZG+19, SSK11, SWD+15, SM09, SIM+07, SPKK22, SSB+14, SS122, SFH13, SFT+17, SB17, SRL+14, STL+15, SK18, SLM+10, SWD+17, SS07, STJ+20, TTD+11, TKZQ17, TYHL12, TCSEBM17, TPT+18, TTPJ16, TRW07, TSS18, TF03, UA18, VS02, VJK13, VDL+15, MK1, VS05, VS21, VBM+21, VRB21, WFE+17, WHX19, VY02, WK07, WTN07, WCL+10, WTL+16, XWD+12, XJAJ18, XZZ+16a, XR21, YKW20, YLT+21, YYS15, Yil21a, YBC+07, ZJF14, ZZG+06, ZCL14, Z16], performance [ZL12, ZLZ+19, ZDD+17, ZWX21, ZJ15, ZHWY22, ZDX12, ZWZ+22, dCMM21], performance-aware [KL12a, LFH08a].
permission [KF11]. PERMIS [CZO+08], permission
[CJC+18, YW+17b], permission-based [CJC+18]. Permissioned 
[BANT20], permutation [AMTM17, MCB14, PS+11], persistency 
[DFLP07]. Person [CLT+21, CQ17, KWZ+21, MG21b, XLX+21].
Personal [KPM20, CGOF15, GMX13, HDX20, SVY19, UX8+20],
personalization [FFHI15, WLDL08]. Personalized [BKY20, LNW17, AMBT17a, AMBT17b, CLMM12, God12, JJZ+21, LNC+20, Yu18, ZQR+19]. perspective [CLW+15, FD20b, WDW+15, YLLC18, ZSL+10]. Perspectives 
[Ano21-41, LZWD15, VRJ15]. perturbation [PZHS18], perturbations
[MC20]. pervasive [CGZ+16, JQSP08, RCY+04], pessimistic [ZQW+17].
petaflof [GKS09]. petascale [EDB+14, HPH+20]. Peter [OS09]. Petri
[DP07, EB10, GBH+06, MRMC15, MS19, PP17, TDL+18, WDO+18, 
XWD+12]. Petri-net-based [GBH+06], petroleum [ZQD+17].
petrophysical [BR+20]. PETSc [BBB+20c, MCD18], PG [JDG22],
Phantom [GBJ19], phase
[EA+M20, LW+16, Li19, MWLS11, XYLW21, ZCL+19]. PHAST [PB22],
phenotyping [DMD+20], Phi [CBIGL19, HYT+21, KKW+14, MLK16, Mit20, RMW19]. phishing
SPQ+17, SSPG20, TTA20, WRLS12, XL17, YLLL20, Yüc22, ZMYA18].

Power-aware
[EQORS19, KBB11, LBDm+16, MSP+13, TDM+19, FDY21, RHZ+17].

Power-controlled
[MS+20], power-saving [MFG+13], powered
[ADSV16, SR19b], powermode [WL10], PPAM [WT15], PPEM [LLM19],

PPLTCAM [WHX19]. Practical [EA12, FLYL16, JY+15, LSC+19, XW13, Ano21d, CSB+16, HWZX08, LFZ+17, ZYFZ19].

Practice
[Ano06, Ano21-41, DN19, KQR+17, TH10, XZ20b, AS21b, BCCM16, CHPvdG07, Fox12, GTL06, Hun15, JCK+13, LJC21, LWC17, RKS02, RLC16, TT05, TDM+02, YDB+13, ZRB19].

practices
[CY22, DJF21, GRGP12, LME+19]. practitioners [HMPPT13],

PRAGMA
[PC17b, Arz17, IUCH+17, SWP17]. PRAGMA-ENT [IUCH+17].

praise
[ECP18].

Pre
[AdCPdSD17, ACJ21b, PWJ10, YWL+17a, Yüc22, BJ+19, SGC+09, WLP+17, YHHS16, ZFF+21]. Pre-determination [Yuc22].

pre-distribution
[BJ+19, SGC+09, YHHS16]. Pre-filtering
[ACJ21b].

Pre-image
[YWL+17a]. Pre-seismic
[PWJ10].

Pre-stack
[AdCPdSD17].

pre-trained
[ZFF+21].

pre-trained [ZF+21]. pre-transformation
[WLP+17].

prececence
[Hun15].

Precision
[BLDW16, ADF+19, BED+19, GCF+20, KD07, LCM+12, LP21, RO+19, ZCL+19]. Precision-tuning [BLDW16].

preconditioned
[ABF+17]. preconditioner
[JN03]. pre-conditioning
[ADF+19, HYG20].

predators
[BDK+22].

prediction
[YTN+20, ZFXJ19]. prediction-based
[ZFXJ19]. predict
[CDP17, KP+21, PP+20b]. predictability
[WZL11, ZSL+10].

Predictable
[BWS+21, HWW+16, LTK+17, MDX14]. Predicting
[BHA15a, DGM18, GLW21, SM+07, ZHW+20, DFC+12, FBC+10, WYY+19, XDL+11].

Prediction
[Alm22, CDS+21, DM+21, LLMX21, AD+02, ACCM17, AHT+20, BF22, BPL+12, BDT+13, CNG+20, CDW+17, DMR+07, DCM+07, DJ+19, FE+18, FM+20, GHR+21, GPV09, GKA+20, HOS+21, HGD+22, HWL+18, JF+08, JM+22, JH+20, KSS+21, KA09, KK+21b, KHL+17, LLX+15a, LSD+21, LS05, LL+22, LAC+21, MCT+22, MAV+16, MIt+17c, MIt+19, MRAM+21, MV+16, NK+07, OWM+20, PRR+14, PRD+21, RM+21, RT+21, RZ+21, SL+10, SZG+21, Soo+16, STL+15, SM+22, SK+21c, TZL+15, TT+22, VGN+16, WZ+17a, WKL+19, cWsTh+19, WJ+21, WWL+20, WSL+20, XDL+21, XY+21, XDP+18, YFF+20, ZMT+12, ZYS+16, ZAC+16, ZHX+19]. predictions
[XDH+20].

Predictive
[GMK+21, SMF+18, GED+18, HML+20, LL+19, RA+21, ZXX17].

predictor
[BCKP09, RA+22, ZBY+18], PreDiKT
[uZKH+20].

PreDiKT-OnOff
[uZKH+20]. predistortion
[SZ18]. predistribution
[SCS17a], preempt
[MS21b], preempting
[SBJ+14], preemption
[BM+20, KW11]. preemptive
[BO+06, FRdOR+19, KW11].

Preface
[BM+12, LL+13, NAS+10, NM+10, LS+14]. preference
[RB+17], SZG+19]. preferences
[TLQ+21, ZSL+17b]. prefetch
[HK+21].

prefetching
[BCKP09, CM+05, LIA+16]. prefix
[PPR+19, WBO+16].

prefix-doubling
[WBO+16]. Predelg
[JR+19]. pregnancy
[LCC+18].
probable [BRCV16].

probe [MKKB04, SS07]. problem [ABESEh20, APP+21, AMTM17, ABV05, ASMS21, ACIC+13, BKD22, BPL12, BIK+11, Bok12, CKRO13, CGK14, CZ21, CS16, DRZ13, DdB01, Fio20, GNM21, GP07, GADM20, HC07, JPHW02, KK21a, KÖ22, KH12, KHL17b, LSXL17, LAC, LWK15, LZQ+22, MCB14, MME13, QW17, RGX+17, RM03, RLVRGÁ14, SDB02, Shu22, SL18, USI21, WBD+19, WLLL15, WLLL16, WHXB19, WZYG19, XLHT17, XA22, YIN19, YA04, ZTM21, Zhu21, vSB06].

problem-solving [JPWH02, LAC+08, SDB02]. problems [BA18, BWD15, CW07, ČSMK17, CSMK19, CG01, CMA+21, CEM+17, GF07, GFA21, LZZ+15, MSB17, MM21, PCsHL18, SAPC21, SSIH19, SD15, YDS+14, ZS17, ZSX21, dOdMC+20]. procedure [KKK10].

Procedures [FZC20, NFG19, Ogi21]. Proceedings [Run10]. Process [AKZA22, ASMK21, BR10, ABMMR19, CWZL13, CMB06, CMD11, DCK21, GWHJL19, HAN19, HRR+11, HY12, ITK09, KSPM12, LZC21, LPC+21, MNR+22, MM21, MBB19, May10, M´IM19, ON01, ON02, PMS+21, RAND21, RR19, RW10, Shi22, SB17, TPV17, WFHT17, WDQ+18, WXL21, XLZD13, YLZ+18, ZLYS21]. process-based [MNR+22].

Process-oriented [BR10, RW10]. processes [Ano21e, BBB+20a, ES20, FABE11, HLDZ18, IÁE11, IÁBE11, Jos05, KMS+21, KY20, KÇ22, SGG07, TALT16, XZHWO9]. Processing [LSXL17, SMBT07, WT15, AB20a, ATVML14, ACC+12, ACJ21a, AS22, ABA22, ADF+13, ACJ+1b, dRADFG17, BG17, BFM+21, BDW14, BHQOS15, CLNR18, CY15, CRB09, CGIP16, CP14, CPSP17, CTAB16, CS13, DDP+06, DBS+22, DCJ12, DCJ14, DDB+21, DG11, DZJ+15, DZL+17a, DWG19, DL07, DT15b, EMS11, ENB+20, EPA15, GWW17, GGV14, GLZ19, GLRB21, HG21, HWL18, HH19, JPL22, JQL+15, JZL21, JZMD19, JdD12, JZZLO6, Kar1a, Km21b, KC13, KKL06, KLP+08, LBOE18, LPS+09, LTL+17, LPH09, LOSJ17, LPM09, LDZ+15, LGL+17, LLH+15, LWLZ11, LSJ16, LZY+20, LLC+22, LMDP19, LP14, MAS16, MS17a, MS18, MBMB18, MBM+20b, MCB14, MK12, MPSGD14, MLKD20, MWL+15, MCXP15, MMG+18, NDBP22, Ogi20b, OLG+15, PSRR14, PPST09, Pha08, PSCK+15, QS20, RMP+13a, RP19, RLZ15, RS11, RLoD20, RCA+11, RHD+16, RCR+15, RK15, SNH15]. processing [SPMP11, SKH+21, SPZ+10, SAD13, SK04, SPO+21, SMD+21, SSsCY17, SL18, SCS17b, SRC+21, Str11, SEF+14, TVCB19, TBT+21, TNP21, TQKH12, USI21, VDL+15, VB21, VQDF22, VCV13, WJT+14, WCX16, WJY16, WCLC13, WCCC20, WZB21, XPBS11, XCHK14, xXIY Gy21, XLHT17, Xu19, XZT+11, Yos06, ZLLL11, ZWL+13, ZO14, ZHGX16, ZWL+19, ZDG+14, dRCD10]. processor [ABDP15, AFGL09, CLRB15, GSG06, KD07, LHC14, LL01, MGBK16, MCP+12, NS19, Puf13, RS20, RRR04, RMW19, YL01]. Processors [AS19, SSV19, ZHY09, AAc+15, ADMQO14, AV21, BH+12, BbdS+17, BHKW12, CPEA18, CGST17, CLF+19, CSWB11, DLZ16, DLK+18, DRC10].
produced [Aka22b].

product [AB20b, BBF21, CYZ+21, ER12, HAA+21, HFR+17, JR22, Li20, Ona21, PLR+14, SZT19, VFG11]. Production [BPS19, CJY+20, CZ21, GED+18, MSPDP20, NTK08, OWB+20, PSL+16, RLS+09].

productive [GBFP09].

Productivity [MLS+12, YBC+07, KSM+19, LLY19c, TFG+12].

products [Ano21f, CHX+19, HAJL16, Yan19a].

proficient [SPKK22].

profile [KWK05, MSG10, OZI19, SL10, SKNH09]. profile-based [MSG10].

Profiles [MG09b].

Profiling [CSPM13, BWTJ20, BM07, BAVM11, Ona21, PLR+14, SZT19, VFG11].

Profit [ACC+20, DPM17, LFPP17, Yan19a, ZS17]. Profit-aware [ACC+20].

Program [JWY+05, BP20, BPdM06, CLZ+17, CRV15, HM04, KL02, Kim21b, KB18, OKW18, SLM04, SLM05, TNIB17, TRH+02, TBK+15, YYS15, ZJL15].

program-to-program [BPdM06]. programmability [DP14].

programmable [CSWB11, FRKS12, NNH+14, TAB21]. programme [TWB13]. programmed [CGZ16]. programmes [ADK+17]. Programming [BH16, BL17, CLTT13, CGH+06, Dev21, HSO+21, MCP+12, Oh21, PA08, RWK+02, SRdS09, SF10, SCH22b, UR04, VFAD17, ALVY05, Ano21-36, BB02, BAVM11, CAD+18, CLYC16, CYC21, CNP+15, CLRBI5, CMY21, DK09, DWC+15, EK19, EBGS01, EB05, FJ05, FMS11, GL19, GA08, GrDH08, HX+17, HvNJB15, HR06, JDF21, JZZL06, JLCA07, KOB01, KIM+03, KSG11, Kes04, KHL+17a, KD22, KS05, LL05, LCFkL05, LWB13, MLS+12, MHH16, MKIO04, MTT15, MGS+20, MMSG17, MGS19, MSB17, MRH14, Mon21, NO02, PRG15, PBF15, Pre01, RRR04, RG08, SK04, SCH22a, SBP06, TFG+12, TMAG03, TBH+18, WO14, YIN19, YWC11, YB12, ZDB+14, ZWT+18, ZDC+09, vNMW+05]. programs [ABF+10, ADK+16, ABS16, AUHWJ19, BHA15a, BB04, BV11, BJWY20, BK05, BL04, CL10, DSS21, DAL15, Dut17, EFG+03, EL01, EHSU07, FSPC+02, FSG19, FLB+05, GB20, GRS06, GM04, HL13, IKT09, KOB06, LL16c, LZC+02, LCC+03, MTFV14, NA15, PAdS+17, PAC+17, PS07, RR15, RS07, SVS+08, SSZ14, TLM17, TF03, VJHB05].

Progress [FS07, BKM+07a, BKM+07b, KKM+06]. Progressive [LLZ+21b, CCGN20, SZS20].

project [BBB+20b, CFR+21, GKM+08, GSWJ19, US21, WNN+15, ELM+16].

projection [MZJ+19, SP21b]. projections [KAMB19, YSW19]. projects [DJF21, KKM+06].

Proof [AR19].

Prometheus [ACG18].

promote [KLJ21]. promoting [CNP+15]. promotion [THW21].

pronunciation [JKKL21].

Proof [JB21, SZXG19, XHZ+21, XZL+20a, YL16, ZLH+15]. proofs [WLZ+18].
public-resource [LMOT10], public-safety [ZHM+17]. Publication [HLB10, LXYY21], publications [GWD15, PB19a, WDGK15, WDM14].

Publicly [KYP21, ZLO+21]. publish [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publish/subscribe [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publishing [HCG07, LXW17, WYAB07]. PUEA [EZJ+18]. pull [DT17].

Publicly [KYP21, ZLO+21]. publish [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publishing [HCG07, LXW17, WYAB07]. PUEA [EZJ+18]. pull [DT17].

Publicly [KYP21, ZLO+21]. publish [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publishing [HCG07, LXW17, WYAB07]. PUEA [EZJ+18]. pull [DT17].

Publicly [KYP21, ZLO+21]. publish [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publishing [HCG07, LXW17, WYAB07]. PUEA [EZJ+18]. pull [DT17].

Publicly [KYP21, ZLO+21]. publish [BBPV05, MWPL15, MWPX17, NET20, TKK+11, XSGL20, YPO21].

publishing [HCG07, LXW17, WYAB07]. PUEA [EZJ+18]. pull [DT17].
[HV21, PMB15, BH09, LLH+09, LC18, NNK+07, NNvD09, RF21, YL20a].
rebroadcast [KBDA19]. receive [Gog11]. received [LLKS21]. receiver
[AR16, LCZ+20b, WWL18]. receives [LWZ+17]. rechargeable
[CSWZ22]. recipe [WLDL08]. Recipes [DH15]. recirculation [FDY21].
reckoning [CH04]. Reclaiming [ABDR13]. reclustering [HM12].
recognition [BCI+18, BYL20, CCLP19, CCGN20, CLY+21, Du18b, DSC+21b, FAM22, GZC+22, GQR16, JWL20, JYC+21, JTY+21, JWW17, JPO+21, KS19a, KE21, LN20, Li21, LLW+21, LZY+21, MSA21, PDZ+21, RMS22, SS21, SZqW20, SPKL22, TWXL21, TUD21, WCZ+18, WQG+18, YL20b, YLWL20, YSL+21b, ZLW+21, ZZS18]. recognize [AAK+21a, PB21]. Recognizing [JHD+21]. Recommendation
[LLS+21, AMBT17a, AJ21, BKL20, CDF+17, FM20, HLF+17, HCD+18, HDX20, JY20, JKKL21, KT19c, LH17, LSLY20, MLZ+20, OZI19, PMS+21, RLZ+21, S22, SP22, TLQ21, TWXL21, WZL+17a, WWG+20, YGZ+21, ZX09, ZT+18, ZLYS21, XLL+18]. recommendations
[Ano21h, EVVR21, Kum21, PRS16, RKuH+20, RBDI17, WWW+20]. recommended
[Yan19b]. Recommender
[VCS+21, AMBT17b, CYQ+20, DS21, FVRM15, RSJ21, SZT19, XWX+17]. Recommender-as-a-service [VCS+21]. Reconfigurable
[BKA19, FHH+20, HGX+22, CGB+06, KHZ+15, LGL16a, LGQ+17]. reconfiguration [HK21, PZHS18, TZG+19, VG20]. reconstructed
[ZHW+16]. Reconstructing [CPE+19]. Reconstruction [ZF+20, FMS08, KSM15, MTL01, SBC15, TLH+22, XYSW18, ZGZ19, ZX21a, XWPM19].
record [LH14, PK22a, YLM21]. recordings [CMT13, LML+18]. records
[Ano21-43, DXWC16, KRK21, SHZ20, SGL+17]. recoverable [XHST20]. recovery
[BDB+13, KCS07, LZZ+20, MG09a, MB18, NKKM21, PGB03, SP21a, XZH+17, YLLZ09, ZXW16a]. rectangular [HLS+20]. rectified
[OKJ+21]. Recurrence [CM05, JZMD19]. recurrent [SG+22, YF20]. recurring [SP16]. recursive [DIK14, DPLL14, NSN+17]. Recursively
[YYCH10, YYC10]. Recycling [WGG+07, CYZ+21]. red
[HW14, KC13, BUYS10]. red/black [KC13]. Redesign [CJY+20].
Redesigning [BBD10, RS21]. Redistribution
[DT01, CW11b, HR18, RS20, RCKV12]. Reduce
[Dev21, AJY+15, ADGT22, CCC12a, DI4K, GGLD11, GNMEL21, GHT20, LLdA08, NPL19, PYC+20, MWW08]. Reduced
[TDL+18, GN21a, GA09, LHC14, TJD+17]. ReducePartition [GHT20].
Reducing [AV21, CMMB13, DBI+17, Dra17, KMRT18, LHY+20, OKW18, V17, BKBK11, ESQ+11, HK21, MHL+20, MTT20, NSSAK13, NSSAK16]. reduction
[AOACAQ21, BCM15, BN19, BXLJ16, CEN22, CBQ+11, DCK+18, JM22, LXY21, LLX+15a, LFWJ22, LML+18, PL21, RMCA12, Roj19, WML+19, XZH09, ZBZH11, dARP17]. reduction-based
[LLX+15a]. reductions [BTG06, GPZ04]. redundancy [TLX+17].
redundancy
[ASE+17, FED03, MSN+19, PWMX17, SC07a, WBB21, XLYX11a].
redundant [KSP21, ZWH+17]. Reed [CSWB11, KCS07, QNZP22].
Reengineering [MMS07]. Refactoring [CM06, JBBH21, WZZL13].
reference [ABtGT+12, AP06, HWR03, JAU19, vdABST10]. referencing
[PAM+15]. refined [KS19a, KGP+19]. refinement
[HvNJB15, LB11, SWCB20, VLJ17]. refining [IS10]. reflection
[Arz17, SN18]. Reflections [SvDO15]. reflective [CBP+04, HGB+08].
regarding [KS19c, SWH08]. region
[AT14, BTT21, GR14, MZS+10, PB19b, XCC+20, ZJT+19, Ano21f].
regional [cDrLyC+19, GHRM21, PNL10, WN21]. Regions
[BKM+21, AZI20, PMR+21]. Regions-of-Interest [BKM+21]. Register
[WLL14, CCC12a, LHC14, LYL07, LLYL09, Mit17b]. registration
[PAM+15]. registries [FM08].
regression [AA22a, AAK21c, ADA22, BPS19, BBA18, HAA+17, KV22, LAKA21, OU22, PSRR14, SAB22, SM21, The21, YJY+20, ZLH+18, WSL+20].
regulating [SCS17a]. regulation [JJZ+21, YLLC18]. regulatory
[EHST21, KHM+11b, LTL+20]. regulator [MQEK21]. rehabilitation
[YHL+21]. reinforced [KCOB17]. reinforcement
[BHD13, CCCW13, DR21, DXXL20, KS22, KHHK21, KMRR20, LZQ+22, NSpd021, RBWB21, WZZ+20, YLW+22]. reinsurance [BRCV16]. related
[CZ19, KIHW+22, LLL16, MHK+18, MZ19, SDV16]. relation
[BWW+20, HLH+20]. relational [cDrLyC+19, SC07b, ZSWS18]. relations
[XLMH14]. Relationship [ZYL10, XZZ+16a, ZWCS20]. relationships
[AFLG09, HmLG03]. Relative [SC+07, BLL+19, HXY+22]. Relativistic
[HW14]. relay
[DZ13, SCLK15, TKHA13, WRLS12, ZPG10, ZJL+13, ZZY+19]. relay-based
[ZJL+13]. release [JW10]. Relevance [GOLL17, MS22a, WFS+19].
relevance-based [WFS+19]. Reliability [Da09a, SZMF19, BD19, CAG+13, FPHZ20, HML19, MST13, XSMZ16, ZWZ+22]. reliability-based
[BDZ19]. Reliable [PP20a, DA15, HKA+15, KK+06, MSMA19, PYKL16, SL20, SS18, SM19a, VO15, XZH+17, YLY04]. relief
[MHL+20]. remanufacturing [CYZ+21]. Remote [HMFK15, NMMS01, ASWR12, AHM06, DXWC16, HT21, HWR03, LYW+21, MWL+13, MWL+15, MKO+17b, PJJW+14, PRS01, RSC+15, SHST13, SIRP17, SS19c, TAB+06, WYAB07, XLHT17, YJJ+14, ZWL+13, ZYLT06, BVGVEAFG11]. remote-sensing
[LYW+21, ZYLT06]. remotely [Pl80, SPM011]. Removal
[SS19b, ECP18, LZF20, MRS+21, RC09, ZWW14, ZZZ+15, XZD21]. removing
[LFG05, PP21, LXYL11a]. Rendering
[SZG+19, ASWR12, WJ09, ZZC+17]. Rendezvous [Kri13].
Rendezvous-based [Kri13]. renewable [KT17]. rental [GCZ+17].
reordering [CCB+19, GKK09, MUKY18, SAB15]. REP [PS+20].
repackaged [AMSS15]. Repair [PS+20]. Repairing
[PWMX16, AS17, XGC19]. Reparallelization [KBG+09]. RePast [MT08].
**RT-1.1** [SKD+04]. **RT-JADE** [FRdOR+19]. **RTS** [SWLJ17]. **RTSJ** [HTI05, KW11]. **Rule** [KT19c, YTL19, AA22b, AYKE21, DBH+17, FSM+19, JM22, LH+09, LZZ+15, MS22b, SM21, WG+20]. **rule-based** [FSM+19]. **rule-sets** [LZZ+15]. **rules** [BTCB16]. **Rumor** [BDR22, KM21a, LMCL19, LC21]. **Run** [LH05, VHBB03, WS21, AA19, LCH+06, OHRS21]. **Run-time** [LH05, VHBB03, WS21, AA19, LCH+06]. **Running** [ZQD+17, Bao19, CML+10, MOO17, PSS+18, RMP+13a, SL20, SVN12]. **Runtime** [CEG+05, GB20, LSJ16, MST13, SSPG20, ADI+14, BEDK18, BKH08, CSC+17, CCCO6, DT15a, GFBR10, GA08, JK13, LLdA08, MFG+19, RK21b, RMCA12, STL+15, SWD+17, TMAG03, WRC09, WMvP+09, YLZ+21]. **Runtime-aware** [LSJ16]. **runtimes** [JFI+08, MD19]. **rupture** [LOKW+10]. **rush** [LWSZ19]. **RV** [MP05]. **RW** [BDH16]. **RW-safe** [BDH16]. **RWS** [LPA+08].

**S** [GKP+09, GKS09]. **S3BD** [WS19a]. **SA** [ZZZ+20]. **SaaS** [AMBT17b, FHH15, SK18, SK20b, WY20]. **SaaS-based** [FHH15]. **SABR** [TZKH12]. **SaC** [SSB+14, ZLN+13]. **SaC-FRAPP** [ZLN+13]. **SaC/C** [SSB+14]. **saddle** [KSA+21]. **Safe** [vRGNP09, BDH16, KCM+22, WL11b]. **Safety** [RS12, SDH+17, WCWB19, CG01, HHH+21, LZG+19, Liu21, Man21, SYR+22, WSL21, ZHM+17, HL13, LWC17, WK12]. **Safety-critical** [LD+22]. **SAHARA** [May18]. **Sakai** [SHG+07]. **sale** [WFS+19]. **sale-ranking** [WFS+19]. **sales** [COZ21]. **saline** [WYY+19]. **saline-alkali** [WYY+19]. **Salp** [VG21]. **salt** [SS19b, SZD19]. **salt-tolerant** [SZD19]. **sample** [JyLdZ+18, YWL+17a]. **samples** [CNG+20, PLR+14]. **Sampling** [LPC+21, CS22, CSBL12, dCPFJ13, CYQ+20, FSM+19, WJXZ18]. **SAMRAI** [HK02]. **Sandboxing** [WJKS18]. **sandwich** [FP09]. **Sandy** [VDL+15]. **SAP** [AK01]. **Sapphire** [HM03]. **sarcasm** [PS22]. **satellite** [LA+22, SMBT07, Zou19a, ZWJG21]. **satisfaction** [GSWJ19, JZL15]. **satisfaction-aware** [JZL15]. **satisfiability** [CW07]. **saving** [CPEA18, CJ21a, HLL+21, MFG+13, ZQD+17]. **SAVM** [ZYFZ19].

**SC-OCR** [SS17b]. **SCADA** [ALZR11, LWS19]. **Scalability** [CSM19, DGJ11, KR11, LL01, AYN+14, BHD13, BCA+10, BZB17, CCS14, FE18, GB07, HKB07, HKAC14, LKYS04, LSK04, RVRD10, RLRG15, SGCA+16, VRMB13, VddN+07, YLY04]. **Scalable** [AD15, BMA03, CLE+20, GEJ+08, GM10, GKP13, JQL+15, JR19, KC22, KKT13, KMRR20, LB11, MB14, PY19, SCR1V11, SMS+19, UMD+13, ZW17, AKTH+17, BBF21, BB02, BLL18, BWD15, BKH08, BDF15, BKLH09, BWHS18, BMPP17, CFPJ+17, CTAB16, DCM21, DMS+21, DLM13, FPXM21, FBV+17, GHJL19, HRR+11, Kar14b, KHM+11b, KMI14, KSB+19, KSC12, LXRJ13, MWPL15, MTT15, MCG18, MWW10, MSB+20, NMM+10, NMQ22, NMM21, PBD+21, PSG03, PSLC11, QLL10, RTET15, }
RKuH+20, RZL+19, SRF13, SMR21, SGC09, SD15, SS07, TMP16, TAI+11, WYZ12, WLFX17, YY20b, YLH+19, ZLN+13, ZIC15, ZGS17, dMd+17, QH10].

**scalar** [CSTV06, FNBS16, HFR+17]. **Scalarm** [BRK+17]. **Scalasca** [GWW+10]. **Scale** [KSM+19, PDD14, RIP18, AHP+13, ANP+20, AML+15, BH09, BFL+10, BMK+20, BCM+07, BBB+14, CLL+18, CH15, CBQ+11, CNG15, CWM18, CPS+14, CDH+15, DVD+12, DLX+16, DP19, DZJ+15, DZM+15, EN16, EBGS01, ERZ+11, EJD17, FAPC16, HFDJ10, HTR10, HWQ+16, HLF+17, HWL18, HSHT14, Hua20, JAA08, JCK+13, JWY+17, JPWH02, KV20, KBT+14, KCZ+05, KSB+19, LW05, LBV16, LXRJ13, LXW+16, LGL+21, LCZY20, MZJ+19, MvWvM+17, MSCS18, MCY+10, MB14, MJD15, MJ17, Mos19, NKKM21, NWT21, Not16a, PTL+16, PAM+15, QZY21, QLS13, RBWB21, RLRG15, SNH15, SK09, SLV12, SM18, SCBH09, SGCO9, Shi22, Shu22, TJIb, TJI7a, TRH+02, WJ12, WYZ+17, WZX+12, WSWL12, XBS13, XLL+21, YLEB14, YMLR16, YLL+18, YOT+22, Zha19, ZYZ06, ZZQ+22, ZHGX16, ZHWY22, dCRS11].

scale-free [CLL+18, JWY+17]. scale-out [ZHWY22]. **SCALEA** [TF03]. scaled [LB21, ML19b]. scaled-down [ML19b]. **ScaleReactor** [ZHWY22]. scales [WQS+16, ZXL+21].

Scaling [Hey19, SPH13, ADGT22, CLLB20, DMM17, EK20, HWZ+15, KS19e, LSLY20, PDY14, RPK08, SL+12, XLQ18, ZLF19, AMAB17].


scheduler [BM08, BL22, CLQ+17, EME19, GD22, JSP20a, JSP20b, KMRT18, KAM11, ME08, PGC+19, PK17, SKH+21, SO16, YZPL21, ZJL15].

schedulers [ADI+14, AV21, KKWZ15, LL16b, NvV09, RO12a, RO12b, ZF14]. schedules [KBE07, LLH+18, RRR15].

Scheduling [ANAMSAR21, AAF17, AS17, BKSM+15, DJM12, EJF+16, GRS06, IQQvdG13, KLD10, LL10, LDCD22, SSSR20, SRS09, SF10, SK02b, WXCY20, XLY17, AB20a, AZM20, ABSEh20, AA21, ALBZ21, AJY+15, ABC+06b, ALMT19, Ang08, AB21, AMS17, ATNW11, ASMK21, BKS22, BFm+06, BKN16, BL22, BZL+22, BAGS02, BM02, CSC+17, CCC21, CHP17, C21b, CCC12a, CLT+16, CZY+18, CPXA06, CL07, CTTW11, DSO+01, DSC+21, DR20, DXXL20, DAXM+17, Dra17, DKJ13, DRF07, EB18, EK20, ESZ09, EQW+18, EABVGV14, EFA+17, FRRdOR+19, GWGR20, GDJ16, GQ19a, GS06, GQ04, GMVRGS15, GMN21, GA09, GLS+19, GAS19, GSVS21, HKS19, HAR20, HZHP09, HLG17, Hua15, IHA+15, IAA20, JSA+20, JZL14, JZL15, KS19b, KV12, KKB17, KKK21, KB17, KW01, KQR+17, KSPM12, KRB+20, KO06, KKV13, KR11, LF15, LHL10, LLKC08, LHC14, LWFL14, LGY17, LCZ+20]. scheduling
JPWH02, KSSK22, LSE+13, LMH+14, Lan17, LL05, LPH09, LS19a, LGL16b, LTKF11, LNCY11, LHLH16, LZBF17, LFH+08b, MMMP01, MOF15, MMW+12, MYDM06, MCD+15, MRJ+14, MM10, MFA+21, NSPdO21, NAK+15, ODS+13, OCC+05, PB19a, Par02, PFC+09, PGO+04, QLD+11, RSSM06, RCXS09, RC09, RB17, RRWS08, SM02, SKB+20, SAB15, SZZ+21, SM09, SD11a, SGA07, TMF+10, TQ21, TMP16, TCBR+10, TCBR11, TC12, WRC09, WCSSG20, YWBS19, YK10, YYL+12, ZBZ+20, ZP06, ZW+15, ZJS+17, ZCLZ+19, ZDL07, dOOO+12, rVKS03.

Securing [GMP+20, LNG+16, VT15, XLIWZ11, LNBL17, SDR20, YLM21]. Security [AKK+07, BM04, Boe12, HNS+21, HJTX17, JH21, KV12, Kno04, LB19, NPM19, SK08, WZC16, WCWB19, XZ09, XAK16, XSMZ16, XBK17, XBM14, YWT+12, Zha08, AI17, AAHA18, AMS17, BTDJ21, BXQ17, CGOF15, CI20, CJC+18, CYC21, COC18, CGI17, DWX16, EABZB21, FPC15, Gho21, HJT+20, IZXM09, JMY21, KKK10, KKK+19, KJȘ+15, KK22, KWXY18, KSLC21, LSZ19, LZC14, LSL15, MCW16, MM22, MKX+15, Nam19, NSK21, NLY12, Nis18, OKO18, OK18, Ogi20b, Ogi20c, OO20, Ogi21, OLF21, OEP+15, PHY+18, PVCS18, PMB15, PMG19, PK22a, SGJ+17, SV21, SLG+20, SVY19, SW09, SWHL16, TWZ+19, VBM+21, WTEG17, WAD12, WR17, WT18, XHZ12, XADLC15, XBCW19, YZXW17, YMLR16, YJZZ19, Zha19b, HYQ17]. Security-aware [KV12]. security-level [KJȘ+15]. Sed [TLXX21]. Sed-Dedup [TLXX21]. SeDaSc [ARFA21]. SEED [JZL14]. seeking [HAN19]. segment [FJZ+14, FXX22]. segment-based [FJZ+14]. segmentation [AAEA20, ALVY05, AMM+20, BABS21, BC¸G14, CWLL20, EMEY14, GCF+20, KSS21, LYL+19, LLZ+20, LW20b, LLLX20, LLZ+17b, LGT+21, NBS+22, NSBT21, SBB+20, TNP21, WJ12, XLL+20, YHJ+14, ZFZ+20]. Segregation [Ang08]. Seidel [LL19c]. Seidel-based [LL19c]. Seine [ZP06]. Seismic [JW10, ACC+12, GLRB21, PWJ10, RSTV05]. seismicogenic [MZS+10]. seizures [AHT+20]. select [DRM22b, SS19a]. Selected [WC08, Xu08, GZX17, PDD14, XYS17, YWA07, WAS07]. selecting [EAGVBVDS11, MMB+17, PTL+16]. Selection [DLT+16, HJTX17, PB07b, PK08, APM+21, BDY22, BV16, BKKD16, BFVRC15, CDA09, CKKK20, CEN22, CW10, CEB+18, DZL+19, DDZ+20, DK19a, ECIB20, GYM14, GLMT15, GMVRG15, HAJL16, HAA+17, JM22, KT22, KJHM21, KOOB15, KK22, KC18, KTM+09, LHWT20, LLZ+21a, LLMX21, LFH08a, LLC+21b, MAB19, MABP13, MBB18, MQEK21, MS21b, MBC+14, MS21c, MSE+14, MC20, SNVdA09, NBH22, PKC+20, PWH18, RR19, RAK22, SKB+20, SS22a, SV21, SAMS19, SDDY20, SK18, SLHW20, TPV17, XY17, XWW+21, YYC10, YLD13, YFF22, ZK08, ZLY+13, ZX20, ZZQ+22, ZZY+19, ZLW+19, ZFXJ19, ZWL+17, Zhu21, dRdSC21, vdSC21]. selective [FSM+19, Jon09, LZC14, WFJ+17, ZLZ+19]. Self [CLL+19, DCC21, GC21, HHA14, MO15, MO05, VD05, VGDF22, WLZ11, WFHC21, XLT+17, XWX14, AA19, AM15, ALR22, BL22, BFVRC15, Bri16, CEM19, CSL12, DHV03, DK19b, DYY+19, EGB21, FMS11, FKO22, FGPT21, HM16, KF15, KO12, KK21a, KYY17, KKK21, LAM+09, LJM10, LAC21, LZQ+22, ML19a, NSBR07, PB12, RPK08, RVRD10, RS16, RIFR10, SR19b, SS22, TNP21, TS22, VH12, WFHT17, XDF+04, XJZ13, YDL09, YWC11, YY17, ZZZ+20, ZWMT12]. self-adaptable [ML19a]. Self-adaptation [VGDF22, WFHC21, XLT+17, ALR22, WFHT17]. self-adaption [ZZZ+20]. Self-adaptive [HHKA14, BFVRC15, CEM19, CLL+19, SS22, TS22].
Ngu21, NQL+17, OEP+15, PMB15, RJ22, RKJ21, SCS17a, ŠŽH17, SWS+18, SCGC09, SSM+21, SR60a, SC07a, WTEG17, WBZ10, WZS+15, XBW+15, XGH15, YBO10, YKD+15, YLGY20, ZPG10, ZW+21, ZGX11, dCHMJ12. **sensor-cloud** [ZW+21]. **sensorial** [dOdMC+20]. **sensors** [BTDD20, DFH10, MH07, SCS17a, ZGH+22]. **sensory** [PYC+20]. **sentence** [KBBH21, YHASZ19, YLZ18]. **Sentiment** [DBD22, GC18, LWP19, Ona21, BABLH21, CZG+20, CK21b, HAA+21, Ha+20, KTHA18, KBBH21, KJ20, RSJ21, SZGR21, XGX+21, ZLCL21]. **sentiment-embedding** [KBBH21]. **Sentinel** [SPHP21]. **Sentinel-1** [SPHP21]. **Seoul** [WKL+11]. **separable** [IK22]. **separating** [ZWX21]. **separation** [Cla18, KGE+20]. **Sequence** [BS04, SHH+14, AMHC11, BA20, CPS+14, EASR22, JNMG21, KT19c, LLB04, LZX+20, LMCL19, LS15, M5P17, NMM21, PQKDT21, RV21, SCRV11, SRF13, SAL22, XDH+20, rSN21]. **sequence-based** [rSN21]. **sequences** [BWD15, CL14, dFdOSR+19, HSHT14, JBCI20, LYSC21, LS15, SV22]. **sequencing** [KT20, KMJ14, MSL+14]. **sequential** [AUHWJ19, Dut17, MO02b, SK04, SM19a, SLM05, TNIB17, YY22, ZTM21]. **service** [MZW+16, MK15a, MPVT17, MLVBW12, NSKS21, NLFA19, ORdSL13, ORDG15, PSM+20, PKK21, PPC+15, PPBB14, PK22a, QEB+10, RG18, RBO+02, RHS17, ST017, SBBE07, SFCAV16, SGD15, SAMS19, SYV19, SKJ17, SB21, SPSNvS07, TASA+19, TTV08, TZLC15, TLPS18, TW+19, TPV17, VT15, VCS+21, VBW06, VGN+16, WRJ20, WZZL13, WSL15, WFHT17, WS+18, WLCW20, WFHC21, WHW10.
WXLM19, XDL+11, XWD+12, XHZ+21, YSL+15, YLD13, YT15, YS07, YFF22, YF13, YCW07, YLJZ13, ZLY+13, ZDC15, ZLC21, ZM13, ZFT08, ZBZH11, ZHGX16, ZFWJ19, dRL10, vdKEL10, CWZL13, DHC13, FTR15, MCCG11, TKB16. **Service-aware** [SKRS21, STO17]. **service-based** [CM06, EAGVBVDS11, GKP+09, PPM+20, SBBE07, SGD15, WFHT17, YT15]. **service-level** [BZK+21]. **Service-oriented** [ROA+07, RDP10, WBHW08, AAHRW04, ACS10, CLTT13, CLH+08, EABVGV14, HFTQ13, K´S+15, LFH08, TTV08, WZZL13, YLJZ13, ZFT08]. **Services** [HF05, HFFA20, AMBT17a, AMBT17b, ACF+07, ABR+06, ACMM06, Ano21-40, AAB+05, BCX15, BAZ18, BHA+15b, Can06, CV07, CSL+18, CPB07, CEMR19, CTY15, CR12, CT12, CSL08, CGL+06, CYDW20, Cux11, DCY+08, DJ20, EKS20, FHH15, FMP+02, FAB+07, GCSB19, HFDJ10, HM16, HCD+02, HL20, HLB10, Hus15, Jun16, dCJAAdOD21, KGGT12, KBB11, KKP20, LM08, LWYM16, MS21b, MG09b, MGGA20, MAK18, NAP+07, PSLC11, PYC+20, PRD+13, PGP+10, PCS+12, RBP12, RHS17, SACRGL18, STO17, SDB02, SM04, SPJ14, SFH13, SB21, SAM+17, TSL15, VSC17, WBC+02, WL02, WGG+07, XXX15, YESG+17b, YESG+17a, YJZZ19, ZIC15, ZZ18, ZWF+06, AFPO08, CEH+06, GM09, MSL+14, PWWR05, WGP+15]. **services-based** [HFDJ10]. **servicing** [OK15]. **servlet** [BPdM06]. **SERVmegh** [KSK17]. **SeShare** [HZY+19]. **session** [AMAT22, JK10]. **sessions** [AG17a, TAB+06, YLY04]. **set** [AP22, AD22, BGM03, BXLJ16, BHBD13, CSMS+19, FJP+05, KUL14, LHC14, SYJL20, WCR+14, YLWZ18, YY19, vRKS03, TJD+17]. **set-neural** [YY19]. **set-oriented** [BGM03]. **sets** [BZdR+10, LZZ+15, MKKB04, PMC+21, RKS02, YWBS19]. **setting** [GSWJ19, MML16, WLZ+18]. **settings** [GSK19, KHL+17a, KABE+20, WW08, ZQR+19]. **settlement** [KSB+19]. **setups** [HXY20]. **SEV** [ZCX+21]. **SEV-Net** [ZCX+21]. **Seventh** [BL17]. **several** [dCPD13]. **severity** [ZCX+21]. **SGAM** [ZLH+15]. **SGI** [GEJ+08]. **SGAS** [GEJ+08]. **SI** [LL01, LKJ03, LSK04, PIH04]. **shadow** [LTT19b, ZZZ+17]. **Shafer** [ECP18, JLQ+17]. **shale** [CNAQ18]. **shallow** [VLF+13]. **shallow-water** [VLF+13]. **Shanghai** [WZ20b, WZ21]. **ShanghaiGrid** [WL+16]. **Shannon** [PSIP16]. **shape** [QML+17]. **shaping** [MB15, WLLX21]. **sharding** [NAR+22, XHST20]. **shared** [BOF15, BTP+21, BB02, BDV02, CdOO+20, CFPJ+17, CBPP02, Cud20, DIK14, Kes04, KC06, LCA+19, LHC14, MVWJ14, MLC04, PCVZ+04, PSLC11, RAFD14, TBT+21, WK20, XCL09, XZL+20a, YNX+16, ZP06]. **shared-memory** [CdOO+20]. **shared-space** [ZP06]. **Sharing** [RPM22, ADM06, ARFA21, BGdC21b, BVS20, FYH+21, Gha20, GVK12, HZY+19, KRK21, KY12, LLLJ14, LFWS15, LWB3, LLDA08, Q018, OT20, QQ21, PRP+15, RSKK19, SACRGL18, TYHL12, TC17, TBN07, Tru15, WLY11, WLL+17a, WMC17, WL11b, XDH+20, YCZ+13, ZZ15, ZHM+17, dRCL10]. **sheet** [WJLC21]. **shell** [LLY+19a, MO02a]. **shift** [Ano21-37, PS22, ZJKL10]. **shifting** [SZ21]. **Ship** [SPHP21, LSL20, XCY+20]. **SHMEM** [LSK04].
NAR+22, ORdSL13, PK22a, QGZL18, RLC16, SS17a, ŠŽH17, SR20b, SB21, SWZ+18, TAH22, WZ21, XZJ11, XYS17, YLW+21, ZBC+21, ZOS+21, Ano21f, MZG19, YYWQ19, ZP19. Smart-grid [AAT21], smart/micro [KN19]. SmartGridRPC [BDG10]. smartphones [MGGA20, ZQR19, CMCAA17]. smartwatches [GMP20]. smear [PAN22]. SMiShing [Gho21]. Smith [RGB15, ZDX12]. smoke [ZXLD21]. smoothing [TZLC15, THT20]. SMOSA [ZGLS21]. SMPs [BB04, LPC14, SSB14]. SMTs [BHL09]. SMT [PAdS17]. SMT-based [PAdS17]. Snapshot [CS09, NKKM21]. snapshots [GCO14]. snippets [XLYX11a]. snowflake [JWT20]. SOA [LW20a]. SoC [CYK21, ZAB19]. Social [CM18, DFG+18b, LC21, LLC+15b, OZI19, QZH16, WLYX14, YL20c, YGZ+21, AQRA+18, AAAHA18, AADAR+17, AMP+18, Ano21-35, Ano21-39, BA18, BA19, BV22, BKM+21, BWTJ20, BKLY20, CCK17, CWYX17, CDF+17, DBD22, DA19, DGM18, DGM21, EVVR21, FLG19, GZG+16, GX1+20, God12, GM21, GCC9, HNS+21, HLF+17, HBB20, HCS18, HGMK21, HLW+19, JS22, JZB20, Jun16, KM21a, KJHM21, KT19c, KWWX18, LJKP16, LCM+17, LGJ17, LL19a, LSQW21, LWZ+20, MTGZ17, MLZ19, MS17a, MZA19, PS22, PWC14, PLJ18, PDCA17, PCD15, PGW+08, PRP+15, QMK12, RSV17, RJS21, RNAD19, SKSB20, SR19c, TC17, VS19, VRDTB16, WHXL15, WWL+17a, WZL+17a, WMC17, WYN+20, XBK17, XBCW19, XZH+16, XZC+21, YL20c, ZYSW18, ZACG16, ZHdX16, ZFW+17, uZKH20, WLYX16]. social-based [PCD15, PGW+08]. society [CPH20, XXY16]. Socio [SZ11, ZX11]. Socket [KW01]. Sockets [KKJH03]. SoCs [MCL20]. SOF [DH13]. soft [BDW14, CPH20, EZJ+18, KCL+20, JZ20, PSM03, TTPJ16, GCW15]. softmax [RP21b]. Software [DHM14, HY12, TCA+19, UF+21, Akt18a, AMR+21, ACS10, BLCC19, BPL+19, BDH15, CNG+20, CBPP02, CJZ+15, CLL+19, CJ12, CLRBR15, Cud20, DVL13, FO18, GGH16, GY20+20, GKM19, HLL+21, HPVPF14, HCD+02, HLG17, JK10, KT22, KTr11, KF20+06, LLC+15a, LKKL616, LCZ+20a, LZZ21, LGLZ20, MST+05, MJ11, MFM19, MK12, MD02, MM10, MGR02, NTK08, PRS16, QH10, RBO+02, RSZ1, RVVP+17, SKK01, SBB21, SPO+06, SGD+18, SGHL20, SRTG+07, SDR20, VEJD17, WY20, WSP17, WVF+09, XWFH08, YY20a, YLW+22, YLL+18, ZDR+18, ZTGW17, vLRF+02, Par02]. Software-based [DHM14]. software-defined [FO18, HLGL17, LCZ+20a, SDR20, YY20a, ZTGW17]. software-distributed [Cud20]. software-intensive [GGHR16]. SOGC [JM19]. soil [RM21, WY+19, LM20b]. solar [AAT21, ADSV16, JZL14, MAVG16, NNVD22]. Solaris [YL01]. Solid [Kum21]. Solidification [HSO+21, HOS+21]. Solomon [CSW11, KCS07]. solution [ASE+17, BJ01, BEQOR17, Bok12, BLDW16, CNAQ18, CSTV06, CS16, DPO07, DE20, GQIL18, GNMELC21, GADM20, He19, HSHT14, HC07, JN03, JL01, KMZ+20, KSA+21, LHHJ18, LTZ+19, LZZ+15, MSK19,
NDT+16, PCsHL18, SGD15, SPJ14, YHK09]. solution-based [BLDW16].

Solutions
[ZQH12, BDH15, CG01, ORP21, OS21b, PUL20, WJJM17, ZKA07]. solve
[AMTM17, CNK18, SSH19, YT19]. solver
[BDE+19, BZB17, BHP14, CL18, DVD+12, DdB01, FYKW15, GPS+07, GB07, HKB07, KMJ+17, LXRJ13, MCCD18, MSB17, MJD15, PS10, SSK11].
solvers
[AAC+15, ABF+17, ABC19, ADF+19, BdL06, ČSMK17, CSMK19, KSA+21, KHV17, MQOQH01, MB14, MAK18, NO02, Nak02, RHBBK11, SK09].
solves [LH+17]. Solving
[ABV05, BDR+17, vSB06, ASMS21, BKD22, CMY21, DMS+21, GFA21, JPH02, KD07, LAC+08, LWK15, LZZ+15, MM21, PIAH12, RLVRA14, SDB02, SD15, WBD+19, WLL16, XA22, ZS17, ZLT+16].

SOM [AAARR20, YYZ+17]. Some [ZQK15, CG01, KA21a]. Sommon [RT21].
[KVNH11, PSHL11, HTBR12, HTBR16, PPdSTB17]. sorted [WBD+19].
Sorting [ABV05, BDR+17, vSB06, ASMS21, BKD22, CMY21, DMS+21, GFA21, JPH02, KD07, LAC+08, LWK15, LZZ+15, MM21, PIAH12, RLVRA14, SDB02, SD15, WBD+19, WLL16, XA22, ZS17, ZLT+16].

Spam [IZXM09, AMJK21, LL18]. spammer [ZHC+18]. spamming
[WWL+17b]. spanning [DLM13, NJ15]. Spar [vRKS03]. Spark
[ABA22, AN21j, dOPBD01, ASL20, DLT+16, GC19, GW+19, GHT20, LXP18, RCR19, RCS20, SHT18, TVCB19, WDL+17a, WZLL18, WGW+20].
Spark-based [ABA22]. Sparrow [WWG21]. Sparse [AKL16, LH21, PMG19, YLG20, Akt18b, ABC19, ADF+19, BdL06, BHP14, CLF+17, CXC+18, CNP+15, DE20, ER12, FZ+14, GW+19, GFT+20, GW15, HZL19, HYG20, HZL19, JSS07, KS21b, LHH+17, LCL+20, MUKY18, MNL15, NA15, OAS+15, PHCR09, PLR+14, SAD13, SLB08, TDM+15, TLP18, VFG11, WZ04, WGW+18, XLL+21, YSW18, YZ14, ZDG+14]. sparsity
[MLZ+20]. sparsity-tolerant [MLZ+20]. SPASC [XHZ+21]. spatial
[ASE+17, CLW+15, HLL+15, Jun16, KKH1C13, PKB22, SB19a, WCA08,
Spatial-temporal [ZMYA18, Zhu18, ZXLD21]. Spatial-temporal [MS22a, PLJ18, CLWX21, XCD+20]. Spatio-temporal [LP21, WLZ+21b]. SPCA [NWZ+21]. SPD [YT15]. speaker [LLLS18]. Spearman [XYER16]. SPEC [GPW05, MvWL+10]. Special [ABZS20, AS19, AHP+13, Ang07, Ano02, Ano21-41, AM07, BA04, BL17, BHD13, BM04, Ber07, BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13b, BL18a, CWZL13, CCCW13, CCJ+16, dOCPFJ13, CLTT13, CR13, CS18, CC09, CW11a, CR13, CL13, Che19, CKRO13, CAG+13, CS09, CS06, CMT13, CM07b, CS13, DN19, DRZ13, DRS+13, DVL13, DLM13, DH13, DKJ16, Du18c, EL01, EBMD13, EH18, ESG17, ETR+13, Fed13, FK19, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, Fox17a, GG07, GM10, GTGT11, GvHKK11, GZX17, GMP01, GHPR05, HL13, HYQ17, Hqo01, HF05, HvdV13, HTBR12, HMPPT13, HFTQ13, HuS15, JB20, JC21a, JAC+21, JJGL13, JX06, JSLL20, KS21a, KS02, KM13, KR06, Kni06, KLL+21, KB12, KXY18, Lee09, LBW14, LBS15, LBT16, LBT17, LBFS17, LXRJ13, LMKT13]. Special [LB19, LV12, LDXC13, LW13, LG21, MWL+13, MS13, Man08, MSP+13, Mar05, MFG+13, MISV13, MYS19, MLY10, MN10, MLA+08, NPM19, Nar05, Ne05, NSSAK13, ODS+13, OKG18, OEP+15, OM06b, PLY13, Par02, PRD+13, PHKG10, PW05, PJ21, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, QLL10, QLS13, RMP+13a, RRHB13, RK01, RB12, RTMZ13, RT20, Run10, SHT11, SN06, SCNH07, SANB08, SRdS09, SF10, SRF13, STS19, SCH22a, SCH22b, SBC20, SD11b, TM01, Tho07, TH19, TP14, TH10, TWB13, TFD07, TSS18, TBH+18, Tur04, UA18, Ur07, Vin21, VCV13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wis02, WYZAD20, Xha18, Xz09, XLWX11, XBXS13, WX13, Xa08, XJZ13, XY17, XZ20b, XZ09a, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, ZLN+13, Zha08, ZYH09, ZQ11, ZQ12, ZH12, ZHZ+13, ZL09, vds06b, AF14]. Special [CSW20, DC19a, FD20a, GWD15, HF17, LL13, LXX20, MH18, PDD14, PCC17, RHT13, WR17, WJS21, WCWB19, WD15, XBCW19, XXY+16, ZRB19, ZZ17, ZC19, BM12, DDE+12, HTW14, SFN12, VK12, WDM14]. Specialization [DAB09b]. Specialized [BP17, MPR04]. Specializing [JSZS22]. Species [CC+16]. Specific [CDN+21, MH16, RO12a, RO12b, SBGC21, ZS10, ZY16, ZH+20, ZLC17b]. Specification [BB07, GF07, AAW+12, BCC+05, CWZL13, Cog03, FGG+18, HM04, KCG+19, MYDM06, M22, MPHL03, PS05, YGL05, YP10]. Specifications [AAP13, BBG17]. Specifying [HL13, MLL+11, VH12]. speckle [MRS+21]. Specmaster [WJP14]. Spectator [LSQW21]. Spectator-filter-spreader-stifler [LSQW21]. spectra [WPL20]. Spectral [HCKF15, PKB22, AT01, CSBL12, HKB07, JTY+21, MLZ+21a, PPP10, RZL+19, YSW19, Yil21c, ZQW+21]. spectral-based [RZL+19]. spectrum [LP19]. Spectometry [WJP14]. Spectrum [MSL+20, CNKJ18, DK19a, EZJ+18, JPN21, LCMY13, TYHL12, WRDZ13, WLX21, YCZ+13, YY22]. speculation [CG19, MGI17, PSJM13]. speculation-friendly [CG19].
speculative [LZW17b, PSJM13, WZLL18]. Speech [JTY+21, SS21]. speed
[DPK10, DA15, IC19, LZZ+19, MS21a, MB16, NBK22, TT22, UGM18,
WLF19, ZGS17, ZKJ+07, ZZZ+20]. Speeding [LTM+14, MT09, PIAH12].
Speedup [ZSQ22, GR14, TWB13, TWB13]. Speedup-Test [TWB13]. SPH
[ZLL19]. SPH-based [ZLL19]. sphere [BKA19, JKV+15]. spherical
[PZ17, SEF+14]. SPICE [LWY+16]. Spider
[RK21b, ZGLS21, HGMK21, MS17a, SKSB20, FSPC+02]. SPIHT [KSK+20].
SPIHT-based [KSK+20]. spiking [DLC+21]. spillage [AZA20]. spilling
[WLL14]. split [MTD+20]. SPIRIT [BFK+17]. spleen [ZBC+21]. split
[SV21]. splitting [MLWA19]. SPMD [AAW+02, LG08, RRR04]. SpMV
[GW15, CBIGL19]. spoke [ZDL19]. sponge [XZW19]. spoof [CSL+19].
sports [Che18, Yu18]. spot [CG21, VTM+09, TKB16]. Spotting [ZHC+18].
spread [BA20, HLW+19, RCA+11]. spreader [LSQW21]. Spreading
[TLWZ14, HLO+21, BJ19, LWY+17]. spreadsheet [Boe21]. spreadsheets
[WOH+13]. SPRINT [MSM+14, PSM+11]. SQL [CLW+18, IP20].
SQL-on-Hadoop [IP20]. SQORE [UAW09]. Square
[LWZC21, CLT+21, DCM21, RM21]. squares [ABV05, DMC+18, ZF18].
squares-based [ZF18]. SR [RJ22, SCLK15]. SSAE [XLL+21]. SSAE-MLP
[XLL+21]. SSD [ABFL17, LLW+21, LH+17]. SSDs
[AMABS18, CPLX21, ZWX2]. SSE [AB01, VS1]. SSO [SKSB20]. SSR
[DEF08]. stability [DA15, FCZ20, JZB20, LLO21]. stability-aware [DA15].
stabilization [CSL2, CHM15]. Stabilizing
[BCM+07, DHV03, KK21a, KA16, KKM21]. stable [JP21, LM08]. STAC
[FNBS16]. STAC-A2 [FNBS16]. stack
[AMRT+21, ADCPdSD17, Gog11, GE06, YLL+18]. Stacked
[XLL+21, TYL22, ZLW+21, ZQW+21]. StackSync [SACRGL18]. stage
[AAD20, GHT20, WLL21a]. Staged [WLL21a]. staging [ZJS+17]. stale
[EBO]. stale-value [EBO]. Stampede [KK+14]. Standard
[SKD+04, TH22, BDB+13, CPSP17, LZL+12, ZSL+15]. standardized
[EGB21]. standardizing [SKNN09]. Standards
[GBG+14, ET09, JZK03, MRJ+14, vdSTC21]. Standards-based
[GBG+14, ET09, MRJ+14]. STAPL [TTD+05]. star
[AB20a, KA16, STISM21, ZQK15]. StarPU [ATNW11]. start
[OKW18, TW+19, WSL12, YL20a, RM03]. start-up [OKW18, YL20a].
starvation [SHBC20, WS09]. State
[CFR+21, MR08, BKZ+13, CI20, DZL+19, DHC13, HHJH19, HLCH20,
HH15, JOK+18, KA09, KT19a, Ktm21, LWG+15, LWS19, MG09a, MT19a,
SBB+20, WCWG20, YP10, ZQD+17, ZLW+18]. state-
[YP10]. state-of-the-art [BKZ+13, CI20]. state-owned [HHJH19]. state-space
[KA09]. stateful [MLG15]. States [ST21, CY07, TBK+15, XRD+17]. Static
[KHPH20, KSB+20, NZZ21, AS22, Auo06, BFR05, CA06, GM04, KBB17,
KMA04, LOKW+10, RAK22, SKK02]. statically [STWSP12]. stationary
[MNR+22]. stations [LLC21a, LHZX19]. Statistical
[PRNM19, SZS20, ZWJG21, AMHC11, DPS21, HSHT14, KF18, SKB+20,

steganalysis [SLHW20]. steganography [CCD+20a, DG21, PMG19, SKSP20]. Steiner [LWK15]. STEM [KLI21].


stimuli [JJZ+21]. STMs [ASP19]. Stochastic [FMP10, CCCR21, CMD11, DPS07, DLZ16, EB10, HKS19, JLH+16, LLRS03, LS05, MKSS16, RTFPH12, SR19a, SS17a, SB17, SHP14, TLF17, WSM+20, WLL03b, WLDW22, XWFH08, XWD+12, ZLZ+19, WSL+20]. Stock [SZGR21, DFC12, XY21]. Stokes [FBV+13, DbD01, GSV03, HKB07].

stomach [ZBC+21]. stone [GNMELC21, RSM01]. stopping [HM03].

Storage [AS19, AV07, AAE+09, BGG10, BD08, BRW06, CLH+16, CCL+17, CCW+15, CSWB11, DZL+17b, DT17, DZX+16, ERZ+11, FXX22, GJQL18, GFG20, GCWE15, GN21a, GLS+19, HMKF15, HGT14, HP11, HCG21, HYX05, HMK08, HG11, HHPL16, ID18, JL10, JLL18, KRK21, LZZ+17, LZW+16, LCW+19, LLJR21, MLG15, MB18, MCL+20, MSB+20, PLC+19, PSB+20, PWMX16, PWMX17, PK17, PPR19, QGZ18, RM19, RCC17, SIST18, SGJ+17, SFCAV16, SFW+16, SCLK15, WLZ+18, XHA18, XGC19, XDJL18, XGXM19, YDL09, YXL17, YSC+17, YZCT17, YWQ+21, YSS+21, Yu18, YYL+12, ZNT+16, ZBZ+18, ZWO+20, ZLO+21, ZFJ16, gZW+20, ZWZ+22]. storage-based [Yu18]. store [KM03]. stores [FCMM20, STISM21, ZHZ+13, ZFXJ19]. storing [An20+43, YSS+21, ZZC+17]. Storm [BUVS10]. Straight [NA15].

Straight-line [NA15]. straightforward [QMC+20]. Strassen [DS04].

Strategies [OGA+01, SRdS09, SF10, VSK17, ABC19, AZF+12, BGGS14, BGV+01, BD04, BDV02, CMT20, CWC10, CHZ10, CHZ12, DT01, Fer13, GSO8, GRGP12, GMT15, KLI21, LLR+21, LHL10, LFH15, LCMY13, MB16, MCAB+02, NdsSNS20, PLC+19, PCF+17, RVVPD+17, SM11, SSIH19, Wan20, YOBS16, ZABP18]. Strategy [XHZ+21, APM+21, BG4CCA11, BPL+19, CSL+19, CMW02, CH21, CCL+17, COZ21, CCZ+21, CACK17, DXG13, DRS+13, DSO7, DC19b, FCY17, GDJ16, HKS19, HAS+22, HBMK21, IAQ20, JML+16, KJ13, KC18, LLC+15a, LCW+19, Li19, LFWJ22, LZZ+20, LCY08, LNCY11, LHH+17, LPZ+22, LYG+21, MYZ18, MFB+17, MB18, MW18, NSPdO21, NA22, PMAL14, PGL+17, PLW+18, PSV19, RF21, RM03, SV09, SCLL19, SBPD15, TYH12, TL19, TAH22, WDG+14, WWX+19, XDJL18, XWH+17, YCL11, YLC11, YYZH19, YSL+21a,
YJY + 21, YYL + 12, ZLZ15, ZLH + 15, ZZY + 19, ZLZ + 19, ZDL + 22, dOOO + 12].

Strategy-proof [XHZ + 21, ZLH + 15]. stratified [CS22]. Stream
[MY17, RS11, ACJ21a, ACJ21b, dRADFG17, BA20, CLNR18, DDB + 21, DS20a, ENB + 20, LBOE18, LSJ16, LLC + 22, LMDP19, MYY18, QXXZ16, RHD + 16, SKH + 21, SCS17b, TJI17a, VQDF22, ZWL + 19]. Stream-based
[MY17, MYY18].

Streamlining [WZB21]. Streams [CJP + 21, BMPP17, DZM + 15, EPA15, HMPT13, LOSJ17, PS22, FI12, SSSR20, TJ17b, TVCB18]. strength
[JSPE15, LLKS21, ZWCS20].

Streamlining [WZB21]. Streams [CJP + 21, BMPP17, DZM + 15, EPA15, HMPT13, LOSJ17, PS22, FI12, SSSR20, TJ17b, TVCB18]. strength
[JSPE15, LLKS21, ZWCS20].

Streamlining [WZB21]. Streams [CJP + 21, BMPP17, DZM + 15, EPA15, HMPT13, LOSJ17, PS22, FI12, SSSR20, TJ17b, TVCB18]. strength
[JSPE15, LLKS21, ZWCS20].

Streamlining [WZB21]. Streams [CJP + 21, BMPP17, DZM + 15, EPA15, HMPT13, LOSJ17, PS22, FI12, SSSR20, TJ17b, TVCB18]. strength
[JSPE15, LLKS21, ZWCS20].
subscriber [TKK +11]. subscriber-defined [TKK +11]. subscription
[ZABT +20]. subscription-based [ZABT +20]. subset
[Bok12, CS16, WLLL15, WLLL16]. subset-sum
[Bok12, CS16, WLLL15, WLLL16]. subspace [LXT +22]. subspaces [Eke22].
substitute [PPMH15]. substitution [Yil21c]. substitution-based [Yil21c].
substrate [BCD +02, WZHL21]. subsumes [BBC16]. subsystem [MO02a].
subtype [ZZQ +22]. subtypes [HL13]. subway [XSZ +20, ZTZ +18]. success
[CWDM +21]. suffix [WBO16]. Sugeno [LSD21]. suggestion [XLYX11b].
suitability [PB19b, ZCW +18]. suitable [GZC +21, SKB +17, yXLyGX21].
suite [DS02, GMT07, GPW03, MM10, MvWL +10, SPQ +17]. suites
[GPW05, KG19]. sum [Bok12, CS16, WLLL15, WLLL16]. summarization
[ACJ21b, CKL20, SL18, YHASZ19]. summarizing [CZ19]. summary
[LLZ +17a]. Sunway [CLF +19, DLK +18]. Super
[EEK +04, Shi22, BBSW17, LCW +19, SYT +21, XYSW18, YC19b, ZYY +21].
Super-process [Shi22]. super-resolution [SYT +21, XYSW18, ZYY +21].
supercomputer [CLF +19, DAD +18, EDB +14, FG06, GKS09, JKL19, KS +19, LW +16, LHPG21, MV +16, PIH04, SNEP14, SB +18].
supercomputers [JOK +18, LZW +16, LGL +17, MSPPD20, PSL +16, Roj19, RGL +15].
supercomputing [HCC +15]. superlinear [GR14]. Supernodal [ZDG +14].
supercalibration [ML20]. superposition [JVMN19]. Supervised [CMK22, AQRA +18, DLJ15, DH13, KT19c, LML +18, TJ17a, WLL +21b, YSW19].
supervision [LZG +19, Lin21]. supervisory [KMN21]. supply
[CHX +19, DSO +01, HAJL16, HLL +15, LS19b]. supplying
[MABP13, MBP16]. Support
[GED +18, WCC105, WSL +20, AHB +10, ACMA07, ANO21c, ANO21h, BBCG02, BPL +19, BP03, CC10, CRC15a, CRC +15b, CK21a, CWL03, CCI12b, CJP +21, CGK +07, CMA +21, DBD22, DP22, DS02b, DCK21, DKL14, DVL13, DHI +13, FG3 +21, FP02, God12, GMS09, GC20, HGB +08, JMF09, JMY21, JKS20, KPJ +21, KSPM12, LL +19b, mLGP03, LFZ07, MCG +08, MYT21, MS19, NAP +07, NDP +05, OSK +01, PB22, PCD15, RCMA12, RCXS09, SS21, SKK01, SAD +21, SO16, SE01, SWD +17, SP21b, VRDTB +16, WJ12, WZJD13, WAY +21, WJLC21, WLLZ20, WBB +07, YWA07, YY22, ZJS20, ZJS21].
Supported [SNM15, XZ09, DGL +12, RCM12]. Supporting
[ABB +15, CGOF15, DFPT06, GDD +04, GB16, LK03, LCT16, LWB13, MMG03, SGG07, Cuz11, ET09, GKP13, HKA20, HAA +07, JKL10, JKL19b, KAI11, MHP21, PLY13, PC17a, WLDL08, ZHH +13, CWZL13]. Supportive
[ABMMR19]. supports [KL21b, LLY07]. sure [LLO21]. SURF
[HPVRPF14]. surface
[Ako22b, CLY +21, DCD +14, LLJ +22, WLLX21, WZL +22, WLX21]. surfaces
surrounding [xZGCJ20]. surveillance
[ABK +18, CLDY21, EKS20, JH21, Q17]. Survey
FK20, PWS19, AMABS18, AMD20, BBB +20b, BHKW12, DSSM +15,
LTK17, LCH+06, LLQL14, LDS+08, MWPL15, MBP16, MGB016, MG09a, MSP+13, MG5+20, MJ11, MP17, Men03, MSB17, MME13, MSK19, MWW10, MvWL+10, MV16, NET20, NKKM21. systems [NLYZ12, NR08, Ogi20b, ORP21, OM06a, PVR+09, PLC+19, PB22, PWMX16, PWMX17, PC14, PRG15, PCJ17, PPSTB17, PRPD21, PT12, PQP13, QB12, RE03, RS16, RMCA12, RHT13, RHZ+17, RCA+12, RBWB21, RG17, RBHK11, RHL+18, RCT03, SGS21a, SRS16, SJB14, SK09, SZMF19, SJISVR17, SAD13, SLV12, SDH+17, SLD+12, SBC15, SABL13, SAD+21, SGZ19, Shi22, SCS17b, SK17, SSI22, SFH13, SFT15, SW09, SO16, SD15, SSMB15, STWSP12, SS07, SZT19, TYL+15, TLF17, TL19, TKK+11, TVCB18, TWN07, TW07, VLMP+18, VDPC03, VH12, WS09, WAD12, WML+19, WHZL21, WJS21, WFW+22, WCC04, WST+17, WTN07, WS21, XPS+15, Xha18, XWFH08, XWX+17, XGC19, XCHY13, XPFW15, XBXS13, XXLL17, XLYL17, XDH+20, XBM14, XLY+16, XWPM19, YTF+01, YWY+10, YCL11, YGG14, YZW+15, YLM21, YSS+21, YHH13, YZR14, YLL+18, YYL+12]. systems [ZJ21, ZLKK17, ZTT+18, ZTZ+18, ZQW+21, ZLTX21, ZQZ+16, ZABP18, AA21, ALBZ21, ABF+17, ABC19, AHM06, ATNW11, BDK18, CCCR21, CLT+16, CGS15, CFTT17, CMY21, CoO+11, EB18, FKO22, GBBS21, GWGR20, GDJ16, GZ+20, HZH+19, Hun15, KRRK22, KKK21, KQ+17, KO06, KZY15, KZY+18, KR04, LDZ14, L YF+17, LLX+21, LK22, LQ+15, LLH+20, LALMGLG20, LSL+17, MS17a, MS18, MSP+13, MB14, NFG19, PCGE18, PSS+18, PBF15, PV15, RR15, RR19, RZCA21, RBWB21, SWCB20, SABL15, SPJ14, SKJ17, STL+15, TQKZ17, TTY+15, TLF17, TF+12, TJF14, VG21, XLHT17, YL+21, Yos06, ZJS+17, ZWT+18, ZCZ+19, ZLTX21, ZCH+18, dSGD14, HR06, PB22].
Task-allocation [LB21]. Task-based [ABC+16, MM21, NdSSSN20, BEDK18, CMY21, LSL+17, MB14, PSS+18, STL+15, TFG+12].

tasks [AJY+15, Ano21g, BM08, BKSM+15, DR20, HK21, KR11, LDCD22, MÖO17, NPTT06, PB12, PPMH15, PB22, PRV11, RF15, SRS16,
SR19a, Sha15, SK20b, TS21, ZS17, ZLW+20, NB12]. TASUS [CCJ+16]. Tat [LPY+08]. Tat [KKK21, CY08, GQ21, MKS+20, NNvVdA09, RRBB11, RB17].


tc [DZL+19]. TCP [AAN+21, KW01, NIIU17]. TCP-Socket [KW01].
technical [XS19].
technical [JA21, AD22, Cog04, DDH+20, EB18, EPB14, EMEY14, EHST21, JLT06, JM22, KC15, KNS21, KFKD22, LYS18, LWZC21, MIGA18, MTT20, MRS+21,
Mon21, ML15, Nam19, PYKL, PVCS18, PB19b, RS07, SS21, SA22, SVB19, SNGK21, S22, TS21, MKL21, W002, WWL+17b, ZO14, ZHJ19, ZHJ20].

Techniques [JB20, LB19, NNON02, SRdS09, ZX20b, A17, AAK+21a, AOACAQ21, AMABS18, Ano21c, ASA+21, ANH+19, CO21, BFM+21,
BLSP11, CGST17, CYY22, CP14, DA22, EL01, HJT+20, HZ+21, HPCK22, HPS05, JSYAA20, KBG+09, KJ20, Li18, LLdA08, MAVG16, MBC+14, MJ11,
MFG+13, M17a, M17b, M17c, M19, MM19, NBS+22, OO18, PB03, PMR+21, PGP+10, PK22b, ROQL18, RDB22, RLZ15, RCM12, SK20a,
SM19a, SRG+21, TS21, The21, VB21, VJ19, WJH06, WmV+09, Xha18, XZ20a, ZLW+20, dO+20]. technological [YLLC18]. Technologies

Ang07, BZEM20, CS06, Fox17b, HTW14, Nar05, STS19, SNM15, VK12, ZBEM18, ZC19, BTDD20, BC+15, CY15, CI20, COC18, DR15, DKJ16,
Fox17a, GRTX18, LL16, MM+20b, PPST09, QD17, RBP12, RHT13, RS13, SRM13a, SFH13, Sod07, VRSJ15, VS+15, XADLC15, XYS17, Zen19b,
ZBE17]. Technology

Ber07, C19, ZH09, AM20b, Ano21-43, Boc19, BG04, CM20, Che18, DCY+08, Du18b, EDB+14, HM16, JGW20, KJ19a, KLJ21, Kin04, LWL15,
LLY19c, MCY+07, MST+05, NK19, WT18, Xu19, ZDC+09, ZH12].
tectonic [LOKW+10]. Tegra [CYK+21]. telecommunication

[Ano21c, AKW04]. telecommunications [BF22]. telecoms [NTK08].
telehealth [PBD+15]. telemonitoring [LCC+18]. telesharehabilitation

[PBD+15]. Telescope [RVVPD+17]. temperature

[CCC12a, RS20, XLL+21]. template [KTU+21, SC19]. templates

[KB09, LH14, MWL+13]. Temporal

[MLZ+20, WQQ+18, ASE+17, MS22a, CL01, CY07, CLWX21, DLH01, DZC16, KTK20, LNCY11, MS05, PLJ18, RA22, XCD+20, ZMYA18, Zhu18, ZLW21].
Temporal-aware [MLZ+20]. tenancy [TSL15]. tenant [DIM18, RAaB21, SMFM18, VGN+16]. tensor [XGX+21, ZF18, ZXLD21].


Testbed [BNNH19, IUCH+17, SWP17]. Testing [Low17, Ur07, ABS16, BBA18, CTY15, CL114, DSS21, DLH01, EFG+03, EHSU07, LSLY20, PSM+11, SVS+08, SSZ14, VGL16, YSL+15].
threading [SB22, QB12, YA04, Tan12]. threads [Bou06, FBV+13, PSM03, ZDR+18].


Time [AdCPdSD17, ACCM17, CJP+21, Fox17b, HTW14, KMZ+20, NET21b, Tur04, VK12, WXCY20, ACC+12, AT01, AWR17, ALBZ21, AA19, ABK+18, Ano21e, ARS22, BGVVEA11, BLA+14, BWS+21, Bri16, BMPP17, BJC17, CDMS15, CY22, CJ21b, CY07, CHX+19, CLX+21, CG21, CN16, Cuz11, DBD22, DFG+18b, DVB14, DLH01, DJ19, DWZ+20b, EN09, EPA15, EAGVBVSD11, EABVGV14, FM20, FRKS12, FrdOR+19, FO18, FLB+05, FAB+07, Fox17a, FOTW04, GGS+16, GFPGT21, GFL04, GCZ+17, GMK+21, HZHP09, HCH+21, HHC+22, HGDD20, HPS12, IAO21, JLQ+17, JAC+21, JTD+19, KOW12, KHM+11a, Kal11, KGC17, KD15, KVS+14, KBB11, KZY15, KSR14, KMRT18, KTH+18, KWW05, LL10, LH05, LXX+15a, LS19a, LWB13, LZC09, LLC+15b, LZX+20b, LLH+20, LLO21, LTK17, LCH+06, MWPX17, MGBC16, MSP+13, MJJ01, MG17, MQQOH01, MFF04, MCD18, MS+19, MOO17]. time [Not16a, OSK+01, OKW18, PD20, PB12, PSM03, PYC+20, PZH+15, PMR+21, PWW11, PuF13, PRU14, RS16, RF15, RHT13, RKhH+20, RTM13, RVVP+17, RCS20, RK15, SK21a, SKS+08, SMD+21, SSM04, SZJ21, SC07a, SK18, SK20b, SK21b, SPS17, SZR16, TS21, TSS21, TJD+17, TLM17, TY15, TBTZ18, VHBB03, WYZ+17, WYZ+17, WCZ+18, WSJ+21, WJS21, XLY+16, XHD+19, YLL12, Yut22, ZTM12, ZXX17, ZT2+18, ZGQ4, ZK21b, ZGRSC10, ZGH+22, NDP+05, SKD+04]. time-aware [DFG+18b, FM20].

time-interleaved [ZX21b]. time-limited [KTZ+18]. time-multiplexing...
null
DNB19, DZ13, EMB11, EAvm20, FIO15, GSB$^{+12}$, GMP$^{+12}$, HLHC12, HML20, ITO21, KÖÖG22, LLKC08, LLH19, LCJ14, MJD15, RVD$^{+12}$, RBDI17, SCBH09, TKÖ21, TBK06, Tru15, MKL21, WLLL15, WLL21a, XYLW21, YTN$^{+12}$, ZZC15. two-bit [MKL21]. Two-dimensional [YZY12, GSB$^{+12}$, ITO21, TBK06]. two-hop [DZ13]. two-layer [CSWC20, Tru15]. Two-dimensional [YZYT21, GSB$^{+12}$, ITO21, TBK06]. two-hop [DZ13]. Two-dimensional [YZYT21, GSB$^{+12}$, ITO21, TBK06]. two-hop [DZ13].
using \[ZHW^{+20}, dOPB^{dO21}, vdSTC^{21}\]. **USVs** \[WZL^{+22}\]. **USVs-Sim** \[WZL^{+22}\]. utilitarian \[SM^{+21}\]. **Utility** \[LPSF^{+11}, CL^{+07}, JZL^{+15}, OISS^{+07}, PC^{+14}, TAB^{+06}\]. 

**Utilization** \[KCKC^{+15}, KC^{+15}, TK^{+10}, YT^{+20}, ZXW^{+19}\]. utilizing \[MvWvM^{+17}, Roj^{+19}, ZYH^{+12}\]. UWB \[CM^{+20}, ZX^{+21}\].

V \[WKL^{+14}\]. **V2** \[MAH^{+02}\]. **V2G** \[BT^{+18}\]. v3 \[CJP^{+21}\]. **V8** \[MGI^{+17}\]. **VAED** \[MPVT^{+17}\]. **VAED** \[MPI^{+17}\]. validated \[AFG^{+16}\]. Validation \[BZB^{+17}, Dut^{+17}, PBD^{+21}, CY^{+08}, RGAK^{+15}, SC^{+07b}, TÖK^{+21}, vdABST^{+10}\].

valuable \[HLW^{+19}\]. valuation \[KBJ^{+21}\]. Value \[KCKC^{+15}, KC^{+15}, TK^{+10}, YTN^{+20}, ZXW^{+19}\]. utilizing \[MvWvM^{+17}, Roj^{+19}, ZYH^{+12}\]. UWB \[CM^{+20}, ZX^{+21}\].
Vessel [DKC+21, WJL+20, WLLX21]. vessels [WZL+22]. VFS [PLL17]. VI [BBCG02]. via [Aka22b, ANPR16, CLX+21, DCK21, DXHL17, ET15, EBM13, GHRM21, GBXL17, HTHW16, HMFK15, HLH+20, HW16, JHZ20, LXY21, LH14, LYL+19, LPY+08, LLMZ21, LLC+21b, MLZ+21a, MHLC+05, MB14, MWL18, OKW18, QZDJ16, RBC20, SEMA+22, SWLJ17, SIM+07, TZLCl5, WML+19, WLZ21a, WKL+22, WW08, WLL14, XWX+17, YXLZ16, ZHX+21, ZWX21, ZXLD21]. vibration [Xu19, YHL+21, Zhu19].

Victim [HA21, WFJ+17]. Video [ZYY+19, ZXLD21, CDF+17, DZM+15, EKS20, IHB15, KCS07, KSP21, PMG19, TSBR10, WYZ21, WGQ+18, ZYY+12, ZJJ+19, ZHM+17].

cities [APM+21]. view [CWZL13, CY22, DPFC20, HLX+16, KSM+08b, LLF08, MML+17, NDT+16, RK21a, VRSJ15, ZWLY16, ZYS06], views [YLZ20].


Virtual [ARC22, BP03, CKSC10, EN09, GBB+15, LTK17, MW18, RIP18, SGV12, WLP+17, ZS01, ZWF+06, ZLYL18, AVS+19, AFT01, AMAB17, ABC+21, AMB+17, Bao19, BB12, BB15, Boc19, BDF15, BAZ09, CSMB15, CWDM+21, CLR18, CG10, CCL+17, CH04, CVF+08, CPE+19, CCdc21, DFC12, DXM+17, DCA17, EDB+14, EB14, EMS15, GRSB09, GJK+20, GPW03, GE06, GCPS+14, HKS19, HG11, IRB19, JvAB+15, KDI0, KBI21, KS20, KTB17, KBB11, KCKC15, KMG+18, KBT+14, FV18, LLL15, LHLH16, LPZ+22, LMDP19, LSPMV15, LHL+19, MS17c, MHPA21, MST15, MVMVL11, MRS+09, PLY13, PCH+08, PCB+18, RC05, RMP13b, RKL21, SA22, SJB14, SEM+20, SLCL20, SYMA17, TB12, VGL16, WKT08, WZZ+20, WGGY20, WZHL21, WDT18, XHCL15, XTB17, XLQ18, XA22, XXY+16, YBB+15, YYC+19, ZXW16a, ZYN+07, ZLZ15, ZLH+15, ZBP07, ZZZX19, ZWH+17, BBGA03, GKP+19].

Virtual [GGR+10, KKH03, WL02]. virtualization [AKK+07, Che18, EdPG+10, IPRS21, MMG+18, QZDJ16, RSC+15, SIRP17, WYZAD20, Yu20].

virtualization-based [QZDJ16]. virtualized [ABiGT+12, ACG18, CIZJZ10, HTZ+22, JCI17, LJHL10, QLS13, RGAK15, RHZ+17, TZY+19, WTL+16].

Virtualizing [WSP17]. virtue [LFW20], virus [MJL01]. virus-structure [MJL01]. visibility [BTP+21, Str11]. visible [ZDJ+21].

[cwcdm+21, Dik07, JK22, LCW21, LYG+21, LG21, MCT22, MSA21, TL21].

visibility-based [MSA21]. Visual [BLA+14, OTO18, PDY14, UYO+22, MS22a, BCI+18, CLDY21, CP14, JJZ+21, LWQS19, LH21, MYDM06, PSS+18, Q17, SBG21, THW21, TL21, WLZ21a, WBC+17, LSY+12].

Visualization [ZLL19, ASWR12, BDI+07, BDY03, BSML21, BPM07, CMD17, FCT+02, GAW09, KSM+08a, LS19a, MCY+10, PSLC11, PPO+04, SLV12, TL21, WBHW08, ZHL16]. Visualizing [SHH+14, WT10, vLDA07]. visually [SHT+17].

Viterbi [LDZ14b, Reo01]. VLab [NAP+07]. VLCC [FAM+18].

VLDB [PB07b, PK08, PB07b, PK08]. VLW [GSG06, HBA106, KBO6, KBE07, KL12b, LHC14, LYL07, LLYL09]. VLSI [RK21b]. VM [ZYFZ19]. VMBackup [ZW16a]. VMI [MPVT17].
VMI-assisted [MPVT17], vocabulary [mLGP03]. Voice
[GRGP12, EABZB21, KBDMA19, PCL17, YJL12]. void [SWS+18]. VoIP
[GMK+21, Mon21, PCL17]. volatile [AKZA22]. volatility
[DCJ14, DLZ16, ZHX+19]. volcano [LTT19b]. volume
[FPZH19, Pan20, AMAB17]. volumes [AAEA20, MBM+20b]. volumetric [VˇS11]. voluminous [BMPP17, SMS+19]. volunteered [AMGCC17, SNGR18]. volunteer
[AMGCC17, SNGR18]. volunteered [CR12, ZCLL19]. Vote
[Ano21d]. voter [ZTM12]. Voting
[SDR20, BV16, NRP+20, BF07]. Voting-based
[SDR20]. VP9 [ZJT+19]. VPP [SKvW02]. VR
[Che18]. VRSA
[WWC+19]. VRSA-based
[WWC+19]. vs [AKEC20, ASP19, GGCFS20]. VSIPV
[ASS+09]. vSwitch
[TZG+19]. vSwitch-enabled
[TZG+19]. vs [AKZA22]. Waals [BDTdS13]. WaGe
[CL08]. WaGe2007 [CC09]. wait
[IR11, SWCB20]. waiting [MV16]. wake [LSQW21, MTT20]. wake-up
[LSQW21]. walk [ANPR16, Li04, TT22]. walkabouts [GBJ19]. walking
[ZWT+18]. wall [SSV19]. want [AYD21]. wants
[AYD21]. warehouse
[JWT+20, PaCmS+12]. warehouses [MRS03]. warning [YWLQ18]. waste
[HHXH20]. Water
[YHYY19, DSO+01, DWZ+20b, DWY+21, LM20b, VLF+13, VAC+07, WJL21, YGW17, ZW17]. Waterman
[RGB+15, ZDX12]. Watermarking
[HAK19, KDL20, KSK+20, KSP21, SAL22, TSG21]. Waters
[KB18]. Watershed
[RHD+16]. Watershed-ng
[RHD+16]. wave
[OFR+17]. waveform
[RSTV05]. wavefront
[GDMP+18]. wavelength
[WBD+03, YSWZ17]. Wavelet
[RHBK11, AS20, KSP21, ZJT+19, WHZL21]. Wavelet-adaptive
[RHBK11]. waves
[RDB22, SPZ+10]. way
[DGW16, GCZ+17, Mar19, Pre01, dRC10]. WBAN
[XXC+19]. WBANs
[PK22]. WdCM
[LZC08]. Weak
[JKZ+03]. weakly
[BF07, WLL+21]. wear
[GHLS19]. Wearable
[BGFQ21, PYC+20]. wearing
[HFH+21]. Weather
[BPAE20, ARS22, KCM+22, MAVG16, VCW13, ZBC+07, ZDC+09, ZCD+12]. Weaver
[BYT+12]. WEb
[FK19, DZW+11, DHC13, HBBH02, MSL+14, WGP+15, AS21, CLLB20, CMA+21, CPSP17, GMPT15, GHD22, IPGCMW18, KMBR19, KQR+20, KTF+21, LFHT15, MLZ19, MCY+10, MM19, QCB17, RV21, RG18, RDB22, SS15a, SMR21, TK10, WLDL08, YYY+19, YLEB14, vHKT+11, SAM+17, ATKH+17, AC02, And13, AHH14, ADD+05, AAI12, BvF10, BAZ18, CTY15, CRC+15b, CWL03, CLZX10, CW07, CDL08, CHZ10, CHZ12, DCY+08, DWC09, DK19b, ET15, FABE11, FHH15, FM20, FN13, FMP10, FP09, GHRM21, GH08, GRTX18, GMS09, HFDJ10, HKAC14, HF05, HL20, KXR+21, KGGT12, KG19, KSC+12,
wisdom [KJ19a]. WISP [BBG17]. within [ACC+15, BPB08, BHA+15b, CPE+19, DvdS06, LHWT20, MGS+20, PCG+21, PPC+15, YDB+13]. without [Hey19, HM03, ON02, SBS19]. witnesses [ZOS+21]. witnessing [LBJ+19]. WLAN [LWZ+19, YYZ+17]. WLANS [XHW+19].

WM_INPUT [LYL20]. WMSC2010 [CR13]. WMSNs [VO15]. Wolf [BJGF20, KB17, LSL20, AB21, DFSJ22, NNVD22, SFJ+21, TS22, UDS21]. word [GSG06, HLW+19, HLH+20, JKKL21, Oma21, RP21b, YFL18, YLZ18, YT21].

word-interleaved [GSG06]. Word2Sent [KBBH21]. words [HV21, HLW+19, XLYX11a]. Work [ADK+16, GLM+16, STTW18, APL+21, CZG16, CZ19, DKKL06, FMS11, FRU12, GMMT17, LXT+22, MTHK14, MRS+09, SRM+15, TSBR10, VB16, JB21]. Work-efficient [STTW18].

work-stealing [CZG16, VB16]. workflow-based [CDN+21, RCLSK16]. workflows [BMK+20, BML08, BPB08, BRL+20, BYT+12, CCCR21, CLTT13, CHMC21, CMD11, DCG11, DKKL06, DT17, DYW16, GSZ+20, GAE+06, HPHB+15, Hoh06, JBL16, KVV20, KCKC15, KSSK22, KTM+09, LPS+09, LX08, LS19a, LZC09, LXLZ+11, LNCY11, LBZ17, LAB+06, LGD15, MTT+15, MDB+17, MWHW16, OGA+06, OKP16, PLY13, PVR+09, QLD+11, RHRB13, RHuR+19, RCXS09, RC09, RCLSK16, RRWS08, SFW08, SD11a, SPBL06, SRL+14, SK21b, SW11, TKB09, WKT08, WRC09, WL11a, WZZL13, WCLC13, WCG20, XHZW09, YPL11, YYL+12, ZWL+15, ZCZ+19, ZF14, dSGD14, CR08]. workflow-based [CDN+21, RCLSK16]. workflows [BMK+20, BML08, BPB08, BRL+20, BYT+12, CCCR21, CLTT13, CHMC21, CMD11, DCG11, DKKL06, DT17, DYW16, GSZ+20, GAE+06, HPHB+15, Hoh06, JBL16, KVV20, KB17, LPSF11, LGL+17, LG16b, LCY20, LZC08, MWJ+10, MMW+12, MYDM06, MCD+15, NSPD01, NAK+15, ODS+13, RB17, Slo06, SGD+18, TMF+10, TCBR+10, TCBR11, TC12, WGG+07, YLYL17, XWH+17, YCQF19, ZJS+17, ZHI5, daAWS12, dOOO+12, dOPBdO21]. workflowgroup [KW21]. Working [GG07]. Workload [BDV02, HWL18, SCC+10, ZF14, CMT20, DTV07, DSH+21, HKA14, KHW05, LLT+19a, MGF+13, PCF+17, PGC+19, PKM21, SLC20, SW09, YJY+20]. workload-aware [PCF+17, PGC+19].

workloads [BPT+16, CYX+21, GGS+16, IPRS21, JSP20a, JSP20b, KMB19, MOF15, MCC16, PSL+16, PCGE18, RGAK15, WQS+16, ZHY22]. Workshop [Ang07, BL17, BJ18, CL08, CC09, CW11a, CR13, CS06, DDE+12, DMD16, Kni06, LM20a, Mar05, PB07b, PK08, QFG14, ZZ16, DC19a, Fox17a, LXZ20, MSO+17a, OKG18, BL17, CR08, FK19, Qiu11, QFT14, QFT14, SBB20, TCR07, TH10]. Workshops [WDGK15, GWD15]. workspace [CBHTE11]. workstations [RCLSK16]. WorkWays [NAK+15]. world
 REFERENCES

[Del08, DvNM+11b, FBH+01, GL19, HSRN11, HM03, LSL+17, RLS+09, SIOs02, SYT+21, VP22, WLJ20, XLWX20, BBGA03, ZC19]. world-wide
[RLS+09, BBGA03]. WorldCIST [ZC19]. Worm [CWXM16]. wormhole
[NSM20, ZLC17b]. worms [GCG19]. Worst [HPS12, LLN+14]. Worst-case
[HSR12, LLN+14]. Wound [LLJ+17b]. WPAN [CLH+11]. Wrist [LLJ+22].
write [MWRK18]. Writing [GBFP09]. written [MLVB05]. WS
[GMS09, HLZD18, PWWR05, XDL+11]. WS-BPEL [HLZD18]. WS-CDL
[XDL+11]. WS-GAF [PWWR05]. WS-Naming [GMS09]. WSANs
[ECIB20]. WSCAD [DC19a]. WSGE2006 [CR08]. WSN
[KL18, DS22, HLS+20, LCW21, PCR21]. WSNs [Dra17, MMB+17]. WSPE
[RGV09]. WSRF [Sl06]. WSRP [YVA07]. Wudi [WYY+19]. Wuyi
[LLY+19b]. WVSN [LG2M21].

x [RS16, Boz22, KCL+20, MRGP22, Ros06, SBC15]. X-Folders [Ros06].
X-ray [Boz22, SBC15]. X-rays [KCL+20, MRGP22]. X.509 [BFG14]. X10
[MRH14]. x86 [CL16, CL16]. x86-Android [CL16]. XC
[CKD+19, DAC+18, KMRR20, MWRK18, MGs+20]. XC-40 [DAC+18].
XC40 [Cla18, HPH+20, HLA+18, HCD+18, SSSR20]. Xdraw [DLW19].
XE6 [KB18]. XE6/XK7 [KB18]. Xen [RGAK15, RHZ+17]. Xen-based
[RGAK15]. Xeon
[CBIGL19, G4MK+18, Mf20, HYT+21, KKW+14, MTK16, RMW19, SSK11].
XeonPhl [COC+15b]. Xevolver [KGE+20]. XK7 [KB18]. XML
[AFO08, CT11b, DXG13, SW12]. XMT [BBB13, BCG14]. XMT-2
XSEDE16 [DN19]. XSL [CCC12b]. XSS [GCG19, GSK19]. XtremeFS
[HCK+08]. XVIII [DC19a].

Yang [ADA22]. Yang-Chang [ADA22]. yard [gZW1+20]. YARN [LL16b].
year [PJ21]. yellow [MCT22]. YHGS [JGW20]. yoking [SZX19].
yoking-proof [SZXG19]. YOLO [FAM22]. Yunnan [MZS+10].

Z [WFKS18]. Z-order [WFKS18]. zero [CAKH17, MVWJ14, MZK16]. zero-
[DvNM+11b]. Zynq [ZAB+19].

References

REFERENCES


REFERENCES


[AAIA18] Suliman K. Almasoud, Ahmad Almogren, Mohammad Mehedi Hassan, and Iehab Alrassan. An efficient approach of improv-
REFERENCES


Ahmad:2021:AAR


Acosta:2013:HLS


Alrubaian:2017:RBC


Ahmed:2022:QAT


Abdulkadir:2021:SGS


[AB20b] Naif Alzahrani and Nirupama Bulusu. A new product anti-counterfeiting blockchain using a truly decentralized dynamic


REFERENCES


Amar:2009:RGA


Agosta:2015:OPP


Aupy:2013:RES


Abdel-Basset:2020:MHW


Adhianto:2010:HOT

Aliaga:2017:CTP


Alencar:2017:DSN


Ashworth:2005:HTC


Ayuso:2013:GBA


Amanatiadis:2018:RTS

Alencar:2019:DJJ


Abdel-Basset:2019:ITS


Amoretti:2006:DGS


Arora:2016:SRA


Al-Balasmeh:2022:FDP


Afgan:2012:RMD

REFERENCES

Alonso:2005:SBT

Abdel-Basset:2020:SIR

Aloisio:2002:WBA

Anglano:2006:PAH

Anglano:2008:FMH

An:2009:DPC
REFERENCES


**Aloisio:2007:GRB**


**Abdelkhalek:2012:FSM**


**Afgan:2015:ECB**


**Anglano:2020:PAC**


**Artes:2017:TAG**

Arnold:2002:ING


Alameda:2007:OGC


Ananthakrishnan:2015:GPS


Anglano:2015:FEF


Anglano:2017:FFC

REFERENCES


REFERENCES


Asadpour:2015:SPP


Arunpandian:2022:EIC


Awwad:2022:DRO


Alves:2017:APS


Atkinson:2005:WSG


Avros:2017:BDT


Antoniu:2006:HBT


Alonso:2014:MPE


Almeida:2019:GPD


Amato:2016:DAA


REFERENCES


Almeida:2005:PHS


Agrawal:2021:DLB


Agarwal:2010:DCC


Ashraf:2014:EAD


Anzt:2015:EAM

REFERENCES


REFERENCES

Al-Jaroodi:2012:MSE


Al-Jaroodi:2005:JJO


Al-thebyan:2015:EMR


Aleksy:2001:ASB


Agrawal:2021:CSG


Abubaker:2022:TDT

[AKA+22a] Zain Abubaker, Asad Ullah Khan, Ahmad Almogren, Shahid Abbas, Atia Javaid, Ayman Radwan, and Nadeem Javaid.


REFERENCES

2006. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


[ALKD16] Abdelfattah:2016:POS


REFERENCES


Awan:2007:SIP


Alaya:2015:FOB


Abdellatif:2020:EMI


Ahmadpour:2020:NUD


Abbasi:2022:CBA


Asgarnezhad:2022:NHF

Arroba:2017:DVF


Alsalibi:2018:STA


Abusukhon:2022:ASM


Auler:2017:HIP


Afify:2017:ESM

REFERENCES

and Experience, 29(8):??, April 25, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


Akli:2014:TEO


Ali:2006:RBS


Arunarani:2017:FSC


Arellano:2014:PCS


Aldini:2015:DRM


Alekseeva:2017:PMC

REFERENCES

Andujar-Munoz:2017:ASA


Attal:2019:PDC


Al-Najjar:2021:SWJ


Andrade:2019:DAC


Anderson:2013:CAW

REFERENCES

Anglano:2007:SIS


Anglano:2008:SSP


Abawajy:2016:VRI


Azhir:2019:DND


Astsatryan:2017:EOM


Anonymous:2002:SIA

REFERENCES

Anonymous:2006:EBR


Anonymous:2012:R


Anonymous:2013:N


Anonymous:2014:IIa


Anonymous:2014:IIb


Anonymous:2014:IIc

Anonymous:2014:IId

Anonymous:2014:IId

Anonymous:2014:IIf

Anonymous:2014:IIf

Anonymous:2014:IIf

Anonymous:2014:IIf

Anonymous:2014:IIf
Anonymous:2014:IIk


Anonymous:2014:III


Anonymous:2014:IIIm


Anonymous:2014:IIIn


Anonymous:2014:IIo


Anonymous:2014:IIq

Anonymous:2014:IIr

Anonymous:2015:EAP

Anonymous:2015:ENa

Anonymous:2015:ENb

Anonymous:2015:EN

Anonymous:2015:IIa

Anonymous:2015:IIb
Anonymous:2015:IIC


Anonymous:2015:IID


Anonymous:2015:IIE


Anonymous:2015:IIF


Anonymous:2015:IIG


Anonymous:2015:IIH


Anonymous:2015:III

Anonymous:2015:IIj


Anonymous:2015:IIk


Anonymous:2015:IIl


Anonymous:2015:IIm


Anonymous:2015:IIo


Anonymous:2015:IIp


Anonymous:2015:IIq

REFERENCES


Anonymous:2016:IIf


Anonymous:2016:IIf


Anonymous:2016:IIf


Anonymous:2016:IIf


Anonymous:2016:IIf


Anonymous:2016:IIf


Anonymous:2016:IIf

REFERENCES

Anonymous:2016:IIm

Anonymous:2016:IIn

Anonymous:2016:IIo

Anonymous:2016:IIp

Anonymous:2016:Iiq

Anonymous:2017:Iiia

Anonymous:2017:Iiib
Anonymous:2017:IIc


Anonymous:2017:IId


Anonymous:2017:IIe


Anonymous:2017:IIf


Anonymous:2017:IIg


Anonymous:2017:IIh


Anonymous:2017:IIi

Anonymous:2017:IIj


Anonymous:2017:IIk


Anonymous:2017:IIm


Anonymous:2017:IIn


Anonymous:2017:IIo


Anonymous:2017:IIp

|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
REFERENCES


Anonymous:2018:IIg


Anonymous:2018:IIh


Anonymous:2018:IIi


Anonymous:2018:IIj


Anonymous:2019:IIa


Anonymous:2019:IIb


Anonymous:2019:IIc


Anonymous:2019:IIk


Anonymous:2019:IIl


Anonymous:2019:IIm


Anonymous:2019:IIn


Anonymous:2019:IIo


Anonymous:2019:IIp


Anonymous:2019:IIq

Anonymous:2019:IIr


Anonymous:2019:IIr


Anonymous:2019:IIt


Anonymous:2019:IIu


Anonymous:2019:IIv


Anonymous:2019:IIw


Anonymous:2019:IIx

REFERENCES


Anonymous:2020:IIh


Anonymous:2020:IIi


Anonymous:2020:IIj


Anonymous:2020:IIk


Anonymous:2020:IIl


Anonymous:2020:IIm


Anonymous:2020:IIIn

Anonymous:2020:IIo


Anonymous:2020:IIp


Anonymous:2020:IIq


Anonymous:2020:IIr


Anonymous:2020:IIs


Anonymous:2020:IIt


Anonymous:2020:IIu

Anonymous:2020:IIv

Anonymous:2020:IIw

Anonymous:2020:IIx

Anonymous:2021:AMI

Anonymous:2021:BAB

Anonymous:2021:DSB

Anonymous:2021:DPI
Anonymous. Design and practical implementation of verify-your-vote protocol. *Concurrency and Computation: Practice


Anonymous. IPDS: a semantic mediator-based system using spark for the integration of heterogeneous proteomics data.
REFERENCES


10, 2021. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Anonymous:2021:IIo


Anonymous:2021:IIP


Anonymous:2021:IIq


Anonymous:2021:IIr


Anonymous:2021:IIr


Anonymous:2021:IIt


Anonymous:2021:IIu

Anonymous:2021:IIv


Anonymous:2021:IIw


Anonymous:2021:IIx


Anonymous:2021:MCD


Anonymous:2021:NMH


Anonymous:2021:NLC


Anonymous:2022:IIa


Anonymous:2022:IIb


Anonymous:2022:IIc


Anonymous:2022:IId


Anonymous:2022:IIf


Agarwal:2020:AHM

Pratul K. Agarwal, Thomas Naughton, Byung H. Park, David E. Bernholdt, Joshua J. Hursey, and Al Geist. Application health monitoring for extreme-scale resiliency using


Aktas:2010:HPH


A:2022:MST


Antoine:2016:GAL


Autili:2021:HCD


Alqahtani:2021:HGB

Ahmadi:2022:FLB


Achary:2021:PSM


Al-Qurishi:2018:SGB


Alam:2016:ATB


Areias:2019:MDL

REFERENCES


REFERENCES


[AS22] Gargi Alavani and Santonu Sarkar. Performance modeling of graphics processing unit application using static and dynamic...


Al-Sawwa:2020:PPS


Azumah:2021:PMC


Aravinth:2021:HSI


Anand:2019:SPP


Alford:2005:IIJ


REFERENCES


Agrawal:2017:ART

Alaei:2021:HPF

Awan:2021:CCI

Aydin:2021:CWW

An:2021:CCD

Awan:2020:ECF
Aryan:2021:PAD


Aktulga:2014:ISS


Au:2014:SMV


An:2020:CSO


Apavatjrut:2012:EEA

Ajarroud:2020:CBA


Aba:2020:EAS


Bader:2004:SIH


Baeth:2018:ACP


Baeth:2019:DMS


B:2020:GPR

Sudeepa K. B. and Ganesh Aithal. Generation of pseudo random number sequence from discrete oscillating samples of equally spread objects and application for stream cipher

**Ben-Abdallah:2021:CCA**


**Baker:2021:AWB**


**Bacon:2003:KJD**


**Brookes:2015:GFI**


**Barbera:2011:GPR**

REFERENCES


REFERENCES

2021. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


Boeres:2019:NAH


Baldoni:2005:MPS


Burger:2017:MMS


Brown:2019:LMR


Bao:2016:LPP


Balaji:2021:CAR

Bekas:2010:ESC


Brightwell:2005:ASM


Bellandi:2021:DMM


Bellettini:2016:DCM


Barker:2002:DMC

REFERENCES


REFERENCES


REFERENCES


Bona:2015:DVH


Bassi:2008:TNA


Brady:2010:SNR


Buhr:2015:HPT


Buhr:2016:DME


REFERENCES


[BDBR+17] Marc Baboulin, Jack Dongarra, Adrien Rémy, Stanimire Tomov, and Ichitaro Yamazaki. Solving dense symmetric indef-


REFERENCES


Yogesh Beeharry and Ristin Tsokizep Fokone. Hybrid approach using machine learning algorithms for customers’


REFERENCES


Boeres:2006:EPS


Bernaschi:2010:FHP


Bentes:2021:NPP


Baraglia:2005:SMH


Biberstein:2007:CAA

REFERENCES


**Boton-Fernandez:2015:ISA**

**Brebner:2004:JEB**

**Bartolini:2014:EES**

**Bellas:2017:GPT**

**Barcellos:2011:CSP**

**Baboulin:2007:DPS**
Marc Baboulin, Luc Giraud, Serge Gratton, and Julien Langou. A distributed packed storage for large dense parallel
REFERENCES


Babik:2009:ODL


Balaji:2016:EPM


Babamir:2015:PPD


Brown:2015:FGF


Bouteiller:2013:CSC


Barrett:2013:SIP

REFERENCES


Bungartz:2014:PBS


Bianginesi:2015:EPC


Bishop:2005:EIJ


Bianginesi:2011:CFS


Bank:2001:NPD

Barbosa:2018:TSI


Bui:2017:GTA


Bahrami:2019:HKP


Bhaskar:2020:MBM


Bo:2020:BTS

REFERENCES


2008. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Boito:2016:ASA


Bharti:2018:CAS


Bhavadharini:2022:EEP


Bleuse:2015:SIT


Belloum:2019:BDO

Bilal:2013:SIP


Burrows:2004:FSV


Bouge:2009:SIEa


Bouge:2009:SIEb


Bouge:2011:SIEa


Bouge:2011:SIEb

REFERENCES

[Bouge:2013:ESIb]

[Bouge:2013:ESIa]

[Balaji:2017:EFS]

[Booth:2022:ASS]

[Blanton:2014:JFV]

[Ban:2019:PED]


[BM10] Udo Bartlang and Jörg P. Müller. A flexible content repository to enable a peer-to-peer-based wiki. *Concurrency and


REFERENCES


Bushehrian:2021:ACE


Baskaran:2019:TEL


Ben-Othman:2013:IHN


Bochen:2019:RIP


Bock:2021:PSE

Boehmer:2012:TTC


Balkir:2015:EGD


Bokhari:2012:PSS


Boussinot:2006:FMC


Bourne:2013:RLB


Bozkurt:2022:DHF

REFERENCES


REFERENCES


**Buis:2006:PCF**


**Bartoli:2006:RFP**


**Benitez:2012:PHC**


**Belgin:2019:DDS**


**Bragança:2019:RDM**


REFERENCES


REFERENCES

10, 2010. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Omar Behadada, Marcello Trovati, Ma Chikh, and Nik Bessis. Big data-based extraction of fuzzy partition rules for heart arrhythmia detection: a semi-automated approach.
REFERENCES


REFERENCES


REFERENCES


**Brown:2018:SDA**


**Brand:2021:PME**


**Benkhelifa:2020:ANU**


**Bruin:2008:JSG**


**Bai:2020:NDL**


Abdel-Hameed A. Badawy, Gabriel Yessin, Vikram Narayana, David Mayhew, and Tarek El-Ghazawi. Optimizing thin client caches for mobile cloud computing: Design space exploration using genetic algorithms. *Concurrency and Com-
Bae:2021:NDP


Bui:2012:SDS


Bricteux:2017:VSO


Bo:2016:ETK


Branco:2010:MVL


Govindasamy Chinnaraj and Arokiasamy Antonidoss. A new methodology for secured inventory management by average


[CAG+13] Evgenia Christoforou, Antonio Fernández Anta, Chryssis Georgiou, Miguel A. Mosteiro, and Angel Sánchez. Special issue papers: Applying the dynamics of evolution to achieve re-

**Chowdhury:2017:MHS**


**Cannataro:2006:NGG**


**Cruz:2019:MGR**


**Cohen-Boulakia:2008:APC**


**Carmichael:2011:BIC**

REFERENCES

Coronado-Barrientos:2019:ANF


Coulson:2004:ARM


Chapman:2002:APU


Choi:2011:BLS


Chen:2009:SII

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[CDH+15] Silvia Crivelli, Rion Dooley, Raquell Holmes, Stephen Mock, and The WeFold Community. Creating a gateway that enables large-scale science coopetition. *Concurrency and Com-
REFERENCES

Cohen:2008:PNN


Casanova:2015:SMA


Cruz:2015:CAT


Cordasco:2021:TDS


Cabral:2020:EMO

Cuomo:2017:CSP


Conoci:2021:PCP


Ding:2019:RCP


Cuka:2018:ENC


Cierniak:2005:ORP

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Carretero:2017:EAA


Cuenca:2017:GIB


Churches:2006:PSD


Chowdhury:2017:RHD


Cerotti:2016:MAP

REFERENCES


REFERENCES


[CGST17] Enrico Calore, Alessandro Gabbana, Sebastiano Fabio Schifano, and Raffaele Tripiccione. Evaluation of DVFS techniques on modern HPC processors and accelerators for energy-aware applications. *Concurrency and Computation:
Cai:2020:UHB


Chui:2004:ADR


Chen:2019:RER


Chellouf:2021:PCA


Chang:2003:OOS


Cheng:2018:AVC

Yuan Cheng. Application of VR computer image technology in 3D virtualization of sports human science. *Concurrency


REFERENCES


REFERENCES


REFERENCES

Chang:2018:TMP


Cleveland:2021:TVS


Chang:2019:IHA


Chen:2020:REL


Chen:2015:LSF


Yu-Cheng Chou, David Ko, and Harry H. Cheng. Mobile agent-based computational steering for distributed applica-


REFERENCES

Chunlin:2007:OAD


Chen:2008:SIS


Carver:2010:DRT


Chen:2013:ESIb


Chang:2014:LCG


Choi:2016:XAP


Chakraborty:2020:ESE


Chen:2017:EHQ


Chen:2019:IOD


Chu:2008:SOG


Chen:2011:ADH


REFERENCES

Chen:2021:PRI


Cesario:2013:SIP


Cui:2015:AEI


Chen:2018:QGB


Cao:2019:ADP


Cheng:2017:ISK


Chen:2010:AMS


Coulson:2002:QSD


Cahoon:2005:RAE


Chivers:2006:RSB


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Caceres:2010:PRR


Choudhury:2021:CAB


Chakroun:2013:RTD


Chen:2017:VME


Caromel:2008:POM


Cunha:2017:CCD

Carracciuolo:2021:AGP


Cugler:2013:SIP


Calzarossa:2020:ECA


Cardenas-Montes:2017:PEN

Miguel Cárdenas-Montes, Miguel A. Vega-Rodríguez, Juan José Rodríguez-Vázquez, and Antonio Gómez-Iglesias. Parallel evaluation of nonseparable functions by evolutionary algorithms on GPU. *Concurrency and Computation: Practice and Experience*, 29(5):??, March 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Cain:2002:CBS


Xingjuan Cai, Yun Niu, Shaojin Geng, Jiangjiang Zhang, Zhihua Cui, Jianwei Li, and Jinjun Chen. An under-sampled

**Chang:2018:PSP**


**Chretien:2015:USP**


**Crescenzi:2009:CBB**


**Bagavathi:2021:ETC**


**Choi:2018:IAS**

Coutinho:2011:MTC


Coglio:2003:IOS


Coglio:2004:SVT


Chen:2021:COS


Chessa:2014:GPU


Cardenas:2007:MCC

Yonny Cardenas, Jean-Marc Pierson, and Lionel Brumie. Management of a cooperative cache in grids with grid
REFERENCES

Chilipirea:2017:SON


Coro:2019:RVE


Cafaro:2018:PSS


Carneiro:2016:MIP


Choi:2020:NDM


Tinggui Chen, Lijuan Peng, Jianjun Yang, and Guodong Cong. Modeling, simulation, and case analysis of COVID-

---

**REFERENCES**

Chen:2021:EEC

Coro:2021:NIB

Couger:2014:ELS

Chen:2021:MSC

Coro:2017:CCD

Chronopoulos:2006:DLS

Chen:2021:MSC


REFERENCES


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[CSBL12] Marc Casas, Harald Servat, Rosa M. Badia, and Jesús Labarta. Extracting the optimal sampling frequency of ap-


Guorong Cai, Songzhi Su, Chengcai Leng, Jipeng Wu, Yundong Wu, and Shaozi Li. Cover patches: a general feature extraction strategy for spoofing detection. *Concurrency


REFERENCES


Cai:2021:POT

Costan:2016:TSD

Casado:2015:EEA

Cudennec:2020:AMP

Cuzzocrea:2011:FMS


REFERENCES


Chen:2006:DSI


Wang:2019:IPA


Chen:2016:WPM


Chen:2017:MDF


Cao:2013:SIPa


Chen:2018:ESC

Xinhai Chen, Peizhen Xie, Lihua Chi, Jie Liu, and Chunye Gong. An efficient SIMD compression format for sparse

Chen:2015:PMP


Cheng:2018:DDP


Chen:2017:TAS


Chen:2007:MSB


Chen:2008:TGW

Casado:2015:ETT


Chaudhry:2022:CCR


Cybok:2006:GWI


Chen:2021:OCA


Cao:2015:EBD


Cui:2020:SAR


Chu:2012:TMP


Chen:2017:APS


Chadwick:2008:PMA


Cheng:2017:ADD


Chen:2007:URM


Chen:2018:QES

Ling Chen, Yuliang Zhao, Yi Yang, Mingqi Lv, Donghui Chen, Yong Wu, and Jingchang Wang. A query execu-

[Dung:2015:SSA]


[Dashdorj:2019:HLE]


[Dhanalakshmi:2022:SRB]


[deAlencar:2012:PPS]


[Dabrowski:2009:RGC]


deAssuncao:2008:ICI


REFERENCES

May 2015. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES

Djenouri:2017:RTD


Devarapalli:2021:NAI


DeGrande:2013:DRA


DaherDaibes:2022:EUG


DeRose:2019:FSI


Wanchun Dou, Jinjun Chen, Shaokun Fan, and S. C. Chueng. A context- and role-driven scientific workflow development

**[DAgostino:2011:PIE]**


**[Duncan:2015:OIA]**


**[deCamargo:2006:CBP]**


**[delCid:2012:AML]**


**[Dang:2012:EGP]**

REFERENCES


Dey:2021:SDT


DAmore:2021:SKF


deCamargo:2021:CAH


Ding:2017:NAS


Campos:2013:EAM


deCamargo:2011:MGA


Ding:2012:MSN


DeSalve:2018:PAU


DeSalve:2021:EHC


Durand:2020:DLI


Diaz:2007:CBN


Dosanjh:2020:TQM


**[DHM14]**


**[Datta:2003:SST]**


**[Dikaiakos:2007:GBV]**


**[Dik07]**


**[DIM18]**

Diniz:2009:GE


Dong:2019:BPP


Drira:2020:NTA


Debbabi:2021:NSF


Dutta:2021:QAB


David:2012:SSA


Ewa Deelman, Tevfik Kosar, Carl Kesselman, and Miron Livny. What makes workflows work in an opportunistic en-
REFERENCES


[Devi:2021:OIT]

[Diesendruck:2014:ULI]

[Dolkas:2007:BAG]

[Daubner:2020:DQL]

[Drozdowski:2007:MID]

[Dickens:2010:HPI]
Phillip M. Dickens and Jeremy Logan. A high performance implementation of MPI-IO for a Lustre file system environ-
REFERENCES


[DLK+18] Wenqian Dong, Kenli Li, Letian Kang, Zhe Quan, and Keqin Li. Implementing molecular dynamics simulation on the Sunway TaihuLight system with heterogeneous many-core pro-


Zengyu Ding, Gang Mei, Salvatore Cuomo, Hong Tian, and Nengxiong Xu. Accelerating multi-dimensional interpola-


Djemaa:2019:ESS


Castro:2013:SIP


deOliveira:2020:MLT


Ding:2019:ESS


deOliveira:2012:APE

deOliveira:2021:TOE


Doallo:2014:EMC


Do:2019:LLC


Dennis:2022:DBN


DaCosta:2020:FMC


**Diamantini:2016:EDO**


**Diamantini:2021:ACL**


**Dwivedi:2022:LGL**


**DiStefano:2006:TIA**


**Drira:2015:EIC**

Dietze:2020:SBS


DV:2021:FTR


Dra15


Dragomir:2017:REE


Astorga:2017:GPP


dosReis:2010:CPU

Valéria Quadros dos Reis and Renato Cerqueira. Controlling processing usage at user level: a way to make resource

**doRosario:2021:SSO**


**Dumitrescu:2007:USB**


**dOrazio:2010:ACS**


**Das:2022:FHD**


**Das:2022:OST**


REFERENCES


[DS20b] E. M. Roopa Devi and R. C. Suganthe. Enhanced transductive support vector machine classification with grey wolf optimizer cuckoo search optimization for intrusion detection
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Xinnan Dong, Mei Wen, Jun Chai, Xing Cai, Mandan Zhao, and Chunyuan Zhang. Communication-hiding programming


Tingting Dong, Fei Xue, Chuangbai Xiao, and Juntao Li. Task scheduling based on deep reinforcement learning in a
REFERENCES


Dong:2016:EPP


Docan:2015:AED


Dong:2017:EAA


Dong:2017:TFS


Dai:2019:MLF

Ding:2020:MUR


Duan:2015:HPD


Dillon:2011:WTF


Dong:2019:CHP


Erguler:2012:PAI


Estevez-Ayres:2014:CSS

[EABVGV14] Iria Estévez-Ayres, Pablo Basanta-Val, and Marisol García-Valls. Composing and scheduling service-oriented applications in time-triggered distributed real-time Java environ-
El-Ashri:2021:ACM


Estevez-Ayres:2011:HAS


Esmat:2022:PHB


Ezhilchelvan:2020:NBT


Eugster:2005:OOP


**Elleuch:2021:LDM**


**El-Ghazawi:2004:PSJ**


**Enokido:2018:SIC**


**Elsayad:2021:PNC**


**Eytani:2007:TFB**


Engelmann:2016:NDR


Ebadi:2019:EAM


Elkhoukhi:2020:PAO


English:2015:SME


Escobar:2019:EAL

Ericson:2015:FRR


Eichinger:2014:DMD


Ezzatti:2019:PAC


Emmanuel:2018:COH


ElZein:2012:GOC


Erwin:2002:UGC

REFERENCES

Eyers:2011:CLS

Elloumi:2020:ARM

Evoy:2011:PDE

Escudero-Sahuquillo:2017:ESI

Escudero-Sahuquillo:2011:CEQ
Elghirani:2009:ISR


Elmroth:2009:SBG


Edstrom:2015:ISR


Exposito:2013:SIP


Exposito:2015:LLJ


Elangovan:2021:LBS

[EVVR21] Rajalakshmi Elangovan, Subramaniyaswamy Vairavasundaram, Vijayakumar Varadarajan, and Logesh Ravi. Location-based social network recommendations with computational

[Emami:2018:SCS]


[Faraji:2018:DCG]


[Fox:2007:MRT]


[Fabra:2011:DPD]


[Fayyaz:2018:VLC]

Mohsin Fayyaz, Khurram Aziz, Ghulam Mujtaba, Ahmad Fayyaz, and Saeed U. Khan. Very low computational complexity (VLCC) architecture for optical interconnect in data


Fournier:2013:MTP


Fuentes:2017:SST


Francisco:2012:MQL


Fan:2021:ADP


Ferretti:2020:FSI


Ferretti:2020:EBS


Feng:2021:MFP


Falch:2017:MLB


Falch:2018:ILS


Joel E. Fischer, Chris Greenhalgh, Wenchao Jiang, Sarvapali D. Ramchurn, Feng Wu, and Tom Rodden. In-the-loop or on-the-loop? interactional arrangements to support team


REFERENCES


REFERENCES


German Florez, Zhen Liu, Susan M. Bridges, Anthony Skjellum, and Rayford B. Vaughan. Lightweight monitoring of MPI programs in real time. *Concurrency and Computation: Practice and Experience*, 17(13):1547–1578, November 2005. CO-
REFERENCES

Fu:2019:EEM

Fan:2014:RRS

Ferreira:2002:PCI

Fragalla:2020:NLF

Fei:2016:PPA
REFERENCES

2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[FMS08] James Frew, Dominic Metzger, and Peter Slaughter. Automatic capture and reconstruction of computational provenance. *Concurrency and Computation: Practice and Expe-
REFERENCES


REFERENCES


Guimaraes:2019:OIQ


Gutierrez:2020:MAP


Graham:2006:CCM


Goldman:2017:ECA


Gupta:2019:WSU


Grimstead:2009:RRA

Goodyer:2007:PSI

Ghorbani:2020:RDT

Gordienko:2015:ISG

Gunen:2022:KSM

Gaffour:2021:NEM
Gu:2016:SMR

Guo:2009:WPS

Grunzke:2014:SBM

Gu:2019:PWC

Gomes:2015:EBN
REFERENCES


REFERENCES


REFERENCES

Gill:2019:RSC

Ge:2015:HSH

Gu:2017:RSI

Grosu:2006:ARG

Gores:2007:DDS

Gores:2008:MMF
Jürgen Göres and Stefan Dessloch. A metadata management framework for dynamic information integration. *Con-

Gupta:2022:NUT


Garriga:2021:BCC


Gourlay:2004:SBS


Ge:2016:TSS


Gomes:2018:CCE

Gonzalez-Dominguez:2012:ULP


Gregg:2006:OCC


Gravvanis:2008:JMB


Grebhahn:2017:VSC


Giannino:2018:PDS


Zhijie Guan, Francisco Hernandez, Purushotham Bangalore, Jeff Gray, Anthony Skjellum, Vijay Velusamy, and Yin Liu.


REFERENCES


REFERENCES


Garip:2022:SPP


Goldchleger:2004:IOO


Graja:2020:CSM


Granat:2009:PER


Geldhill:2008:MSM


Guimaraes:2021:HPI


Gu:2019:ACP


Gao:2021:UFP


Gao:2022:CCE


Gong:2019:ADL


Goswami:2004:PAS


Gupta:2021:PMH


Gmys:2017:IBP


Goudarzi:2021:MFH


Guerar:2020:SPB


Giunta:2015:PQS


Godoy:2012:OCS


Goglin:2011:NAC


Gopalakrishna:2017:RCP


Gualà:2007:ETM


Ganapathi:2020:UED


Gonzalez:2018:MOC

Goossens:2017:CMC

Gel:2007:CFN

Gracia:2009:PPH

Gonzalez-Pardo:2012:CID

Gregg:2003:PID
Gregg:2005:MLC


Gutierrez:2004:DPB


Goldman:2004:MPJ


Gupta:2020:OIT


Gupta:2021:TVA


Gai:2017:SCI


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Gittens:2019:AAS


Gomoluch:2004:PEM


Gundersen:2004:DSJ


Gaeta:2008:EFB


Gillan:2021:CIE


Gillan:2012:CIT

REFERENCES


REFERENCES


[GWVP*14] Ginés D. Guerrero, Richard M. Wallace, José L. Vázquez-Poletti, José M. Cecilia, José M. García, Daniel Mozos, and Horacio Pérez-Sánchez. A performance/cost model for a

**Geimer:2010:SPT**


**Gao:2017:NMG**


**Guan:2021:PAP**


**Gao:2020:IMB**


**Garbervetsky:2011:QDM**

REFERENCES


[Guo:2016:PPC]


[Gu:2017:NAT]


[Gong:2020:ITM]


[Gan:2020:EVO]

[GZ20] Haiqing Gan and Chuiyong Zheng. An electric vehicle operation optimization method based on demand-side manage-
REFERENCES

467


Gong:2021:TGS


Gao:2022:CER


Gao:2016:RSN


Gao:2019:SSE


Gao:2020:RBS

REFERENCES


Hasan:2020:TSI


Hassanein:2017:BGH


Haidri:2022:DAL


Hunter:2013:AQT


Ho:2020:DSN

Hesselink:2018:FME


Hernandez:2006:GGA


Haupt:2002:MCW


Heydemann:2006:UGT


Hughes:2007:EPI


Hernandez-Castro:2016:MLE

REFERENCES

*Hu:2015:QIM*


*Houstis:2002:MRP*


*He:2018:PNU*


*Howell:2007:CNT*


*He:2021:NDS*

He:2021:PTA


Hupfeld:2008:XAC


Hunger:2015:STB


Hong:2018:CBM


Hadjidoukas:2009:HPF


REFERENCES


Hashemi:2022:NMT


Hosseinalipour:2021:TTP


Hart:2014:NCA


He:2018:EDM


Haghi:2022:RSH


HGT14


REFERENCES


[Han20] Tao Han, Syed Rooh Ullah Jan, Zhiyuan Tan, Muhammad Usman, Mian Ahmad Jan, Rahim Khan, and Yongzhao Xu. A comprehensive survey of security threats and their mitigation techniques for next-generation SDN controllers. *Concurrency


REFERENCES


[Hariharan:2021:ARR]

[Hassan:2015:DEE]

[Handa:2019:DCE]

[Handa:2019:SES]

[Handa:2020:EPP]
REFERENCES


[HLC+21] Zhenjie Huang, Zhiwei Lin, Qunshan Chen, Yuping Zhou, and Hui Huang. Outsourced attribute-based signatures with perfect privacy for circuits in cloud computing. *Concurrency


<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>He:2021:JOE</td>
<td>Yihao He, Zebin Lu, Junru Lei, Shuhua Deng, and Xieping Gao</td>
<td>Joint optimization of energy saving and load balancing for data center networks based on software defined networks.</td>
<td>Concurrency and Computation: Practice and Experience</td>
<td>33(9)</td>
<td>e6134:1–e6134:??</td>
<td>CCPEBO</td>
<td>1532-0626</td>
</tr>
<tr>
<td>Huynh:2021:SSB</td>
<td>Hiep Xuan Huynh, Quy Thanh Lu, Linh My Thi Ong, Huong Hoang Luong, and Lan Phuong Phan</td>
<td>Simulating the spreading of brown plant hoppers based on cellular automata.</td>
<td>Concurrency and Computation: Practice and Experience</td>
<td>33(2)</td>
<td>e5261:1–e5261:??</td>
<td>CCPEBO</td>
<td>1532-0626</td>
</tr>
</tbody>
</table>
Huang:2020:SEW


Hu:2019:EWV


Huang:2021:FSI


Han:2016:III


Hu:2018:NQA


Haidar:2012:ADS

[HLYD12] Azzam Haidar, Hatem Ltaief, Asim YarKhan, and Jack Dongarra. Analysis of dynamically scheduled tile algorithms for

**Hu:2018:PDM**


**Hudson:2003:SCG**


**Huband:2004:PPD**


**Habib:2012:ONP**


**Hou:2016:CCS**


**Hedhli:2020:DBA**

[HM20] Ameni Hedhli and Haithem Mezni. A DFA-based approach for the deployment of BPaaS fragments in the cloud. *Con-


REFERENCES


REFERENCES


[HPH+20] Bilel Hadri, Matteo Parsani, Maxwell Hutchinson, Alexander Heinecke, Lisandro Dalcin, and David Keyes. Performance
REFERENCES


**Herres-Pawlis:2015:QCM**


**Hong:2018:CMI**


**Hey:2005:RPE**


**Huber:2012:WCE**


**Hidalgo-Paniagua:2014:CSP**

[HPVRPF14] Alejandro Hidalgo-Paniagua, Miguel A. Vega-Rodríguez, Nieves Pavón, and Joaquín Ferruz. A comparative study of


REFERENCES


REFERENCES


DongXing Huang, Yong Tang, Yi Wang, and ShuNing Wei. Toward efficient and accurate function-call graph matching of binary codes. *Concurrency and Computation: Practice
REFERENCES

HoseinyFarahabady:2022:EDI

Huang:2020:PIM

Hunold:2015:OST

Hussain:2015:ESI

Han:2021:RWH
Hanlon:2015:AAP


Hijma:2015:SRP


Howard:2014:RRB


Hung:2016:GBP


Hao:2021:TSP


Ho:2018:WPB

Li-Yung Ho, Jan-Jan Wu, and Pangfeng Liu. Workload prediction and balance for distributed reachability processing for large-scale attribute graphs. *Concurrency and Compu-
References

He:2016:EGK


Huang:2003:OOD


Huang:2017:EST


Huang:2015:ODP


Huang:2008:PMA


Guixia He, Renjie Yin, and Jiaquan Gao. An efficient sparse approximate inverse preconditioning algorithm on

**Huang:2019:PMD**


**Hand:2021:MLB**


**Hu:2019:TBC**


**He:2015:NAC**


**Hassan:2017:ESI**

Huang:2021:PSA


Hua:2005:CJE


Haque:2021:CAF


Han:2014:ERI


Han:2019:TMD


Mostafa E. A. Ibrahim and Alaa E. S. Ahmed. Energy-aware intelligent hybrid routing protocol for wireless sensor net-

**Imdoukh:2020:OSD**


**Ibanez:2011:CDF**


**Ibanez:2011:ABP**


**Ikram:2015:AIT**


**Ignat:2021:ERC**

Iqbal:2020:AIA


Iskra:2002:PCE


Ilango:2019:NAM


Inacio:2018:CGP


Idris:2015:CAS

Ikeda:2015:POL


Isunuri:2022:TCB


Innocent:2019:UGG


Ino:2012:CMG


Iosup:2011:PGP


Ivanov:2020:ICF

Inostrosa-Psijas:2018:SAA


Iserte:2021:IME


Igual:2013:SAB


Imbs:2011:LCC


Ilager:2019:EET

Ifill:2010:STR


Iwashita:2002:VFD


Ino:2014:PSA


Iizuka:2002:PSS


Isaila:2003:CFP

Ichikawa:2009:OPA


Ipek:2021:HHA


Ichikawa:2017:PEI


Islam:2009:SFN


Javadi:2008:CAM

REFERENCES

2008. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Jayabal:2021:PAD

Janjic:2021:RIT

Jung:2020:PIM

Jhumka:2015:FSB

Jander:2016:DMW

Jaimes:2007:MNP


REFERENCES

Jaeger:2015:FGD


Jahr:2015:FNP


Jaradat:2016:TAD


Juneja:2022:ACO


Jagode:2018:EDP


Jimenez:2012:TDT

[JdM12] J. Jiménez and J. Ruiz de Miras. Three-dimensional thinning algorithms on graphics processing units and multicore


REFERENCES


Yunliang Jiang, Yong Liu, Wenliang Huang, and Lican Huang. Performance analysis of a mobile agent prototype sys-


REFERENCES


REFERENCES


John:2017:ABA


Jin:2020:SIG


Jeyaraj:2020:IMSa


Jeyaraj:2020:IMSb


Jia:2015:EUI


Jing Jia, Geng Tu, Xin Deng, Chuchu Zhao, and Wenlong Yi. Real-time hand gestures system based on leap motion.
REFERENCES


[JyLdZ+18] Yong Jin, Hong ying Li, Dan dan Zhang, Jing Wu, and Maozhen Li. Compressive tracking combined with sample

**Jiang:2020:NSF**


**Jiang:2020:SSA**


**Jiang:2015:LMF**


**Jing:2014:SSE**


**Jing:2015:CSA**

REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


REFERENCES

Koyama:2007:EEZ


Khosrowshahi-Asl:2020:DFS


Kacsuk:2011:PGP


Katsaros:2007:PET


Kalibera:2011:RRT


Krishnamurthy:2011:TAH

Diwakar Krishnamurthy, Mehrnoush Alemzadeh, and Mahmood Moussavi. Towards automated HPC scheduler configuration tuning. *Concurrency and Computation: Practice

Kwack:2019:RAC


Knorreck:2013:FSL


Khan:2020:BEC


Karakostas:2014:HPE


Karakostas:2014:SAC


Karpowicz:2016:EEC

Michał P. Karpowicz. Energy-efficient CPU frequency control for the Linux system. Concurrency and Computation: Practice a
Kessler:2006:OIC

Krall:2012:SIC

Kurdziel:2013:FED

Khalili:2017:OSW

Kwack:2018:HHB

Karthikeyan:2021:EAS
REFERENCES


Kim:2011:PAP


Kaur:2017:DCS


Kasri:2021:WNL


Kanthavel:2019:DKB


Kessler:2007:CGS

Klemm:2009:RTM

Kong:2015:RWS

Kunszt:2015:ISG

Kim:2021:DDE

Ke:2021:CSD
REFERENCES

Kiss:2014:LSV


Klemm:2007:JIO


Krawezik:2006:PCM


Konstantinidis:2013:GPU


Kansal:2015:ABC


Kumar:2018:MDF


Kumaraswamy:2019:DKS


Kim:2015:UWM


Krawczyk:2020:PCS


Kumari:2022:AIB


Kang:2007:ARS


Kavanagh:2019:RAE


Kokangul:2022:CPG


Kajiyama:2017:HPC


Kim:2008:PTW


K:2020:DBQ


Kabbinale:2020:BES


Christoph W. Kessler. Managing distributed shared arrays in a bulk-synchronous parallel programming environment. *Concurrency and Computation: Practice and Experience*, 16(2–
REFERENCES 544


Kavas:2001:CWN


Kruger:2011:IPS


Kadirvel:2015:TSC


Kontoudis:2018:SAV


Krzywicki:2018:CAB

REFERENCES


REFERENCES

Kehagias:2012:OBM


Kalkov:2017:EPP


K:2019:IAM


Kamburugamuve:2020:TDB


Kato:2012:MGA


Kouge:2017:ADH

[KHF+17] Hiroaki Kouge, Takumi Honda, Toru Fujita, Yasuaki Ito, Koji Nakano, and Jacir L. Bordim. Accelerating digital halftoning using the local exhaustive search on the GPU. *Concurrency and...


REFERENCES


Kolaczek:2015:TBS


Kim:2020:ARB


Kamei:2021:SSD


Kasiselvanathan:2021:BER


Krishnamoorthy:2022:OSE


Kim:2021:SSA


Kim:2020:CNC


Kotenko:2012:ABS


Kolodziej:2013:ESO


Kanso:2013:ACG


Kuan:2012:CSV


Kandavalli:2019:DIC


Kurzak:2010:SDL


Kee:2021:IYB


Kosta:2021:SIH

Kotowski:2008:PQP


Kermarrec:2003:PHA


Khan:2013:SIP


Karthick:2019:FAI


Kandasamy:2021:DFR


Ko:2021:SMA


Klarqvist:2021:ECP


Kommaraju:2020:SRL


Kraemer:2018:RNR


Kallel:2021:RBF


Koulouzis:2020:TCD

REFERENCES


Koide:2006:NTS


Kara:2022:PNS


Kambites:2001:OLI


Kertesz:2014:CSB


Kakuda:2012:MRT


289–308, March 10, 2013. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Kristiansen:2019:UEA


Kaur:2021:BBF


K:2022:NFR


Korch:2011:SLE


KaczmarSKI:2017:PAC

REFERENCES


Kavitha:2020:PAA


Kalyanam:2021:ESG


Kozicky:2021:JDT


Karat:2022:ORA


Kruse:2021:PSS

Khan:2022:GCA


Kurte:2019:PAO


Kwak:2012:DIB


Kwon:2021:PFF


Kegel:2011:CPM

REFERENCES

Kang:2021:EPA


Kumar:2017:SFG


Khalid:2019:IUF


Kumar:2020:SBM


Kharche:2008:SCE

REFERENCES


REFERENCES

Kloh:2012:BCS


Korsholm:2014:RTJ


Kienberger:2017:PHC


K:2021:PSO


Kumari:2022:EAA


Kumar:2021:IDS

K. Pradeep Mohan Kumar, M. Saravanan, M. Thenmozhi, and K. Vijayakumar. Intrusion detection system based on

**Kanithan:2019:NEB**


**Kodabagi:2019:CBA**


**Kumar:2019:PSS**


**Kalaiselvi:2020:GES**


**Kannan:2022:EBT**

Durkadevi Kannan and Revathi Thiyagarajan. Entropy based TOPSIS method for controller selection in software defined networking. *Concurrency and Computation: Practice and Ex-
REFERENCES


REFERENCES


Kanimozhi:2022:OTF


Kolonias:2011:DIE


Kersten:2014:RRA


Koens:2021:BAD


Kathiravelu:2020:INA

Krintz:2001:UJC


Kim:2011:AFP


Korch:2018:AEO


Kaczmarski:2019:GRT


Krestenitis:2019:MCR

REFERENCES

Korch:2021:DIM


Kwon:2005:RJH


Keahey:2004:FGA


Kutylowski:2018:SIS


Kong:2021:IDD


Kang:2021:TBW

Guosheng Kang, Yong Xiao, Jianxun Liu, Yingcheng Cao, Buqing Cao, Xiangping Zhang, and Linghang Ding. Tatt–BiLSTM: Web service classification with topical attention-

**Kudo:2017:PAO**


**Khani:2017:SOL**


**Koikara:2021:PVT**


**Kang:2020:TCM**


**Kong:2015:NBM**


Noureddin Laban, Bassam Abdellatif, Hala M. Ebeid, Howida A. Sheheed, and Mohamed F. Tolba. Toward object alphabet augmentation for object detection in very high-resolution satellite images. *Concurrency and Computation: Practice and Experience*, 34(6):e6785:1–e6785:??, March 10,
Lukman:2022:KEL


Lukman:2021:KEI


Lobosco:2002:JHP


Lopez-Albelda:2020:HCT


Liu:2009:ERD

2009. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Lachhab:2018:PEL


[Lengauer:2015:ESI]


[Lengauer:2016:ESI]


[Lengauer:2017:ESIa]


[Lanc:2014:ABA]


[Lee:2016:HAA]

REFERENCES

and Experience, 28(5):1527–1547, April 10, 2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Lengauer:2014:ESI


Liu:2016:HBH


Li:2009:EGA


Luan:2017:EAQ


Liu:2018:GSI


Lin:2020:IQA


[Li:2017:CCF]


[Lu:2013:ASA]


[Lazrag:2021:ESR]


[Li:2016:SEE]


[Lin:2017:APD]


REFERENCES


REFERENCES


REFERENCES


Lage-Freitas:2017:CRM


Liu:2019:AFA


Levy:2020:UVA


Li:2022:DPR


Liang:2015:CPA

REFERENCES

Luo:2008:ESE


Li:2020:DSB


Liu:2007:USL


Li:2017:PCL


Liebrock:2008:MMS


Lu:2021:SIC

Latif:2020:CAB


Lindsay:2013:BGM


Lushbough:2015:LSD


Lanchares:2013:RBC


Lujan:2005:EJA


REFERENCES


REFERENCES

CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Liangxu Liu, Zhenghua Hu, Chaolan Zhou, and Guohu Xu. Research on the clustering algorithm of the bicycle stations

**Li:2004:PER**


**Li:2017:EIP**


**Li:2018:HPD**


**Li:2019:SCS**


**Li:2020:FIL**


**Li:2021:FER**

Hongbin Li. Feature extraction, recognition, and matching of damaged fingerprint: Application of deep learning network. *Concurrency and Computation: Practice and Experience*, 33


Leung:2016:PSN


Liu:2017:OOA


Li:2021:AIM


Lawlor:2003:SDP


Litzinger:2022:CGE

Luecke:2003:CPM


Li:2016:CSV


Li:2009:PSF


Luecke:2004:PSM


Luecke:2001:SPO


e6328:1–e6328:??, October 25, 2021. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Louati:2022:PFR


Li:2004:UHA


Li:2015:CFR


Liu:2015:SSE


Li:2021:EMS


Lv:2021:FIB

[LLC⁺21b] Yan Lv, Yaojin Lin, Xiangyan Chen, Chenxi Wang, and Shaozi Li. Feature interaction based online streaming fea-

**Lobato:2022:FAT**


**Lakiotakis:2019:INM**


**Lobosco:2008:ERT**


**Liu:2008:RSV**


**Li:2015:RMB**


Liu:2020:EAT


Li:2018:SEDa


Li:2018:SEDb


Li:2020:DLE


Liu:2022:WAP


Lin:2021:MRI

REFERENCES

Lee:2008:EFS


Lin:2021:DLB


Li:2015:CRE


Luo:2016:EBD


Liu:2019:GAB


[Llacketti:2018:MAT]


[LLMM19]


[Li:2021:PCB]


[Liu:2021:LLR]


[LeBeux:2014:OCC]


Jun Liu, Xiaoyong Li, Kaijun Ren, and Junqiang Song. Parallelizing uncertain skyline computation against $n$-of-$N$ data streaming model. *Concurrency and Computation: Practice


[Xiaoyi Li, Jiaqi Li, and Xiaolin Tian. A suspected lunar volcano identification algorithm based on convolutional neural network by the rapid location of light shadow impacts. Concurrency and Computation: Practice and Experience, 31(10):1


REFERENCES

Lu:2009:LGG


Liu:2017:SSA


Lu:2017:WIC


Li:2020:ITL


Li:2021:CBO


Li:2021:PDE

[LLZ⁺21b] Xiaole Li, Yingji Luo, Wenyin Zhang, Deqian Fu, Hua Wang, and Linbo Zhai. Progressive disaster evacuation in cloud
REFERENCES


**Li:2013:SIPb**


**Liu:2018:EDE**


**LoRe:2015:SRN**


**Lucchese:2010:MTP**


**Limet:2018:HCS**

[Sébastien Limet, Alessio Merlo, and Luca Spalazzi. HPC & Co strike back: Where are distributed paradigms heading toward? *Concurrency and Computation: Practice and Experience*, 30(9):??, May 10, 2018. CODEN CCPEBO. ISSN


Liogkas:2008:ERB


Langer:2010:NSQ


Lettich:2017:MGP


Lowe:2017:TL


Lee:2021:SDA

REFERENCES


[LRS15] Shilin Lu, Rajiv Ranjan, and Peter Strazdins. Reporting an experience on design and implementation of e-Health systems on Azure cloud. *Concurrency and Computation: Practice and
REFERENCES


Liu:2005:PRS

Loidl:2014:ESM

Liu:2015:GFG

Li:2019:BSW

Liang:2019:ICM

Li:2020:GBO
Shengpu Li and Yize Sun. Garden balsam optimization algorithm. Concurrency and Computation: Practice and Ex-
REFERENCES

Langr:2022:CPQ


Li:2019:PPP


Li:2021:HMG


Lakshminarasimhan:2013:IES


Li:2016:IPG

REFERENCES


Lu:2015:HGP


Liu:2021:SFS


Laure:2005:PED


Limet:2015:EHP


Lei:2021:RAB

REFERENCES


Lai:2017:PCL


Liu:2012:VCR


Li:2019:RIS


Luckow:2017:HTP


Liu:2011:MHS


Lee:2017:PQD

Jen-Gaw Lee, Whey-Fone Tsai, Lung-Cheng Lee, Ching-Yao Lin, Hsi-Ching Lin, and Ben-Jei Tsuang. In-place query

[Liu:2020:PGM]


[Li:2019:RPS]


[Lian:2012:SIM]


[Lagoze:2012:WBR]


[LWC12] Xuefeng Li, Ying Wang, and Xi Chen. Cold chain logistics system based on cloud computing. *Concurrency and Compu-
REFERENCES


REFERENCES

Li:2015:PAB


Liu:2015:IES


Li:2006:SIS


Li:2015:EBD


Li:2017:EAH


Lv:2019:ERV


REFERENCES

Li:2019:RCS

Li:2016:BED

Lin:2006:AFL

Li:2019:VCM

Lin:2015:PLP


[LXJ+22] Yuting Liu, Manman Xu, Guozhang Jiang, Xiliang Tong, Juntong Yun, Ying Liu, Baojia Chen, Yongcheng Cao, Nan-

**Ludwig:2019:OMT**


**Luo:2009:GSK**


**Li:2012:CCI**


**Li:2018:ATJ**


**Li:2013:SIPa**


Lee:2018:RPT


Li:2021:IEB


Li:2021:PMR


Liu:2017:DCC


Luecke:2002:DDM

Liu:2008:WWC


Liu:2009:ITM


Liu:2014:PKE


Li:2020:OSA


Lin:2021:GPU

REFERENCES


**Li:2020:IGA**


**Liu:2020:DMD**


**Long:2022:SLA**


**Li:2012:ESS**


**Li:2013:MMC**

REFERENCES


REFERENCES

Liao:2020:DCS


Li:2021:CED


Monnerat:2015:ESH


Muralidharan:2022:TCB


Maamar:2013:EMC


Martins:2010:DMU

Martins, Felipe S.; Andrade, Rossana M.; dos Santos, Aldri L.; Schulze, Bruno; de Souza, José N. Detecting misbehav-
REFERENCES


[Man08] Luigi V. Mancini. Special issue: Hot topics in peer-to-peer systems. *Concurrency and Computation: Practice and Expe-
REFERENCES

Manoharan:2021:OCR

Marinescu:2005:SIT

Marchiori:2019:LWC

Menasche:2014:ASS

Magoules:2016:GCG


May 2014. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


Martinez:2014:MPP


Machaj:2020:CIH


Mahmoudi:2020:MPU


Mahmoudi:2018:TSS


Mokhtari:2021:MFT

Matossian:2005:AOR


Maamar:2016:PEM


Mustafee:2020:CCA


Mohammed:2020:SSA


Mellor-Crummey:2002:AOS

REFERENCES


REFERENCES


McLennan:2015:HP1


McEwan:2010:GE


Man:2008:DLS


Mastroianni:2018:ESE


Morganti:2020:LPS

REFERENCES


REFERENCES


[Marozzo:2017:DAS]


[Mehrotra:2016:PEA]


[Murli:2010:MGD]


[Mohr:2007:FPA]


[Marin:2014:MAP]

REFERENCES

Mohamed:2008:KCA


Menezes:2003:RMO


Muller:2021:ADC


Moore:2018:LLE


McLean:2004:MRT


McGough:2013:SIP

Andrew Stephen McGough, Matthew Forshaw, Clive Gerrard, Paul Robinson, and Stuart Wheater. Special issue papers: Analysis of power-saving techniques over a large multi-

- **Moreton-Fernandez:2019:ARC**

- **Maloney:2009:SRC**

- **Merrill:2009:PCS**

- **Mamta:2020:EKD**

- **Mirtaheri:2021:OLB**


[MH18] Scott Michael and Yun He. Editorial: Foreword to the special issue of the Cray User Group (CUG 2017). *Concurrency and


REFERENCES


Mohanapriya:2019:PIV


Miao:2015:NHS


Miao:2017:AEP


Marinescu:2001:STT


Miao:2019:DPB


Jason Maassen, Thilo Kielmann, and Henri E. Bal. Parallel application experience with replicated method invocation. *Concurrency and Computation: Practice and
REFERENCES


Maris:2004:CCP


Meier:2004:DIP


Varalakshmi:2021:HP1


Maheshwari:2017:ERF


Montella:2017:ALA


REFERENCES


Miranda:2009:ADR  

Malik:2012:PGU  

Ma:2015:DRD  

Markidis:2005:IPP  

Munir:2012:PDT  


Mo:2021:KET


Mucci:2010:OSP


Melab:2017:EMM


Mittal:2019:STI


Myllykoski:2021:TBG


Mishra:2022:RSR

Monnet:2017:DWE


Marmol:2012:LLF


Meulpolder:2013:PUC


Moreira:2003:SMA


Montella:2018:MBP

REFERENCES


Ma:2016:PSJ

Mokdad:2010:SIP

Murtojarvi:2015:PTS

Mahajan:2022:GPB

Martinez-Noriega:2021:COE


Maheshwari:2005:BMO

Memeti:2017:COD

Menezo:2020:RCC

Muller:2003:MSF

Marongiu:2004:SHD

Mao:2011:OMB


REFERENCES

Moreira:2021:NFM


Mahajan:2022:CDU


Milthorpe:2014:PFI


Memon:2014:AUS


Malik:2016:NAO

Macia:2015:PNB


Miao:2018:CAN


Martens:2003:DQS


Milanes:2008:SAH


Murray:2009:EGV


Macías:2010:MRG

M. Macías, O. Rana, G. Smith, J. Guitart, and J. Torres. Maximizing revenue in Grid markets using an economically enhanced resource manager. *Concurrency and Computation:
REFERENCES


Mach:2013:SIP


Mahato:2017:BTA


Mahato:2017:LBT


Mann:2017:WBA


Mahato:2018:MAT

REFERENCES

Mukunthan:2019:MPN


Maniam:2021:AEH


Manju:2021:DDS


Mehta:2021:LBN


Amaresh:2022:STF

Meesala:2022:FBO


Moslemi:2021:CVB


Menouer:2017:LPS


Mu:2020:IHS


Martinez:2018:EFM

REFERENCES

Majd:2018:PIC


Mury:2010:TDM


Mikkelsen:2019:PRS


Madduri:2014:EBG


Mitchell:2014:PCF

M:2019:IPM


Marzulo:2019:DCE


March:2013:SIP


Murphy:2019:SRT


McIntosh-Smith:2019:PAF


Miller:2013:RFR


Missikoff:2015:OBM


Montes:2010:FOC


Minson:2008:DRA


Mustafee:2009:SSA


Masko:2019:AGS

Maurya:2019:EPB


Mahil:2021:CPS


Matsunaga:2007:SGM


Mock:2002:PCG


Marotta:2020:MLC


Marozzo:2020:SWT


Molnar:2014:DUG


Mostafa:2021:EAD


Mumcuyan:2018:OBS


Murali:2016:QAF

Moreno-Vozmediano:2011:EMW


Maassen:2006:MAD


Madarbux:2014:TZL


Muller:2010:SMA


Maassen:2017:CUL


REFERENCES


REFERENCES


REFERENCES

Ma:2010:SSE


Mao:2016:GBI


Neves:2015:SLP


Nazir:2022:DEE


Nagel:2010:Pa


Nakajima:2002:PMI

REFERENCES

Nguyen:2015:WIS

Namasudra:2019:IAB

Nacar:2007:VCG

Narasimhan:2005:SIF

Naresh:2022:PSS
e6553:1–e6553:??, February 1, 2022. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Nicholson:2008:DDR


Natrajan:2004:SPF


Natarajan:2017:ADC


Nelson:2022:DFA


Narasimhan:2005:MSR


Nesi:2020:TBP


[Nakamura:2021:TBL] Shigenari Nakamura, Tomoya Enokido, and Makoto Takizawa. Time-based legality of information flow in the capability-based access control model for the Internet of
Neves:2017:EFE


Nasirian:2021:DEL


Niu:2019:TTC


Nguyen:2021:MRP


Ning:2021:TDC


Nakasan:2017:SMO

REFERENCES


REFERENCES


Narasimhan:2001:IJR


Nazir:2022:DIE


Novais:2021:OCL


Nishiyama:2007:FSQ


Nagy:2014:AUF

[NNH+14] Zoltán Nagy, Csaba Nemes, Antal Hiba, Árpád Csik, András Kiss, Miklós Ruszinkó, and Péter Szolgay. Accelerating unstructured finite volume computations on field-programmable...

[Nassif:2007:JCP]


[Nishitani:2002:TCI]


[Natrajan:2002:LGP]


[Nagadurga:2022:GWO]

Nassif:2009:RSG


Nakajima:2002:PIS


Noble:2008:GMY


Notare:2016:ENA


Notare:2016:EWM

REFERENCES


[NQL+17] Bingxin Niu, Heng Qi, Keqiu Li, Xiulong Liu, and Weilian Xue. Dynamic scheming the duty cycle in the opportunistic routing sensor network. *Concurrency and Computation: Practice and Experience*, 29(17):??, September 10, 2017. CO-
REFERENCES

DEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[NS19] N. Nirmala and S. Sumathi. An area-efficient FFT processor for the OFDMA transceiver communication system. Con-

Nascimento:2007:DDS


Natarajan:2021:ASA


Nawrocki:2021:ACA


Neelima:2017:KGA


Nascimento:2021:IRL


REFERENCES


[OGA+01] José Oliver, Jordi Guitart, Eduard Ayguadé, Nacho Navarro, and Jordi Torres. Strategies for the efficient exploitation of loop-level parallelism in Java. *Concurrency and Computation: Practice and Experience*, 13(8–9):663–680, July/August 2001. CODEN CCPEBO. ISSN 1532-0626 (print),


REFERENCES

Ogiela:2021:TCA


Oh:2021:PPM


Olha:2020:EHD


Ormandi:2013:GLL


Oswald:2021:END

Ogawa:2007:GAF


Olsson:2015:UAR


Ogiela:2018:EBI


Oualhaj:2019:MDT


Olabarriaga:2018:SIC


Olimov:2021:WIB

[OKJ+21] Bekhzod Olimov, Sanjar Karshiev, Eungyeong Jang, Sadia Din, Anand Paul, and Jeonghong Kim. Weight initialization based-rectified linear unit activation function to improve the

**Olsen-Kettle:2010:MDS**


**Ogiela:2018:AKB**


**Ostermann:2016:MLS**


**Olsson:2015:TER**


**Olsson:2018:RDJ**

Ogiela:2021:TCS


Ortega:2015:PRH


Ossowski:2006:CSD


Ossowski:2006:SIC


Oguma:2001:LBL


Oguma:2002:LBL

[ON02] Hisashi Oguma and Yasuichi Nakayama. Lesser Bear: a lightweight process library for SMP computers — schedul-
Onan:2021:SAP


Ogiela:2018:LTC


Ogiela:2020:CSP


Ogiela:2021:NCS


Ortin-Obon:2014:CSO

REFERENCES

Och:2001:CDM


Olson:2015:LIS


Oliveira:2013:DSM


Ogiela:2021:HOS


OBoyle:2009:OPK


REFERENCES


Perez:2018:ELR


Pulagara:2021:IRC


Pacher:2016:TLE


Popov:2017:PHA


Pereira:2017:SBC


Picone:2015:CGR

[PAM+15] Marco Picone, Michele Amoretti, Marco Martalò, Francesco Zanichelli, and Gianluigi Ferrari. Combining geo-referencing and network coding for distributed large-scale information
REFERENCES

Pan:2020:RME


Palanisamy:2022:PSB


Parashar:2002:SIS


Paton:2008:ADM


Parkin:2007:PCC


R. Vishnu Priya and Rawal Bharat. A novel geometric fuzzy membership functions for mouth and eye brows to recognize emotions. *Concurrency and Computation: Practice and Ex-


Pokam:2004:SRP


Penmatsa:2014:CMU


Piccialli:2017:LBI


Plale:2017:EPR


Pickartz:2018:PCV


Plessl:2017:EFS

and Experience, 29(7):??, April 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[PCGE18] Víctor Peláez, Antonio Campos, Daniel F. García, and Joaquín Entrialgo. Online scheduling of deadline-constrained bag-of-task workloads on hybrid clouds. Concurrency and
REFERENCES


Park:2018:SSI


Perez:2004:OBA


Padial-Collins:2004:POC


P:2020:RTA


Peterson:2022:CEM


Perrot:2016:OGB

REFERENCES

Peng:2017:ADS

Porto:2012:MTD

Pierson:2014:EIS

Pawliczek:2014:VED

Pallickara:2012:EHD
Pierce:2009:UWS


Palmieri:2014:DAN


Pallickara:2005:PPG


Paul:2003:PCC


Penna:2019:CPE

REFERENCES

Pessoa:2018:GAB


Piernas:2019:LOD


Pinheiro:2011:AFT


Penaranda:2017:FTR


Porto:2004:CAM


Pierce:2010:QPS

Marlon E. Pierce, Xiaoming Gao, Sangmi L. Pallickara, Zhenhua Guo, and Geoffrey C. Fox. The Quakesim portal and services: new approaches to science gateway development tech-
REFERENCES


[PK08] Jean-Marc Pierson and Harald Kosch. Special issue: Selection of best papers of the VLDB Data Management in Grids

**Pirahandeh:2017:HPG**


**Pon:2022:BBC**


**Punj:2022:DDA**


**Papadopoulos:2003:NRT**


**Pathak:2022:SSJ**


Periasamy:2021:EHF

J. K. Periasamy and B. Latha. Efficient hash function-based duplication detection algorithm for data deduplication deduc-
CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Plaza:2008:PPR

Antonio J. Plaza. Parallel processing of remotely sensed hyperspectral imagery: full-pixel versus mixed-pixel classi-

Pascual:2019:EAS

Jose A. Pascual, Joshua Lant, Caroline Concatto, Andrew
Attwood, Javier Navaridas, Mikel Luján, and John Goodacre.
On the effects of allocation strategies for exascale comput-
ing systems with distributed storage and unified intercon-
nects. *Concurrency and Computation: Practice and Experi-

Park:2018:STQ

Jae-Hong Park, O-Joun Lee, and Jai E. Jung. Spatio-
temporal query contextualization for microtext retrieval in

Peng:2014:ACD

Yali Peng, Fang Liu, and Shigang Liu. Active contours
driven by normalized local image fitting energy. *Concurrency
and Computation: Practice and Experience*, 26(5):1200–1214,
April 10, 2014. CODEN CCPEBO. ISSN 1532-0626 (print),
1532-0634 (electronic).
Phuong:2017:PPE


Pavan:2019:EEP


Pichel:2014:USI


Peng:2018:WBS


Pei:2020:ECE

REFERENCES


[PP20a] Zong Peng and Beth Plale. Reliable access to massive restricted texts: Experience-based evaluation. Concurrency
REFERENCES


Parlavantzas:2020:SBF


Passerat-Palmbach:2015:TSS


Plaza:2010:PHC


Ponnuswamy:2019:FRS


Phan:2009:APP


Christian Prehofer. Feature-oriented programming: a new way of object composition. *Concurrency and Com-
Pereira:2015:PSP


Portella:2019:SAA


Punceva:2015:IRS


Platini:2021:COP


Puliafito:2001:WPS

REFERENCES


Pozniansky:2007:MEF


Paszynski:2010:GGD


Porto:2013:EDM


Poovendran:2019:AEL


Pradeep:2019:OMA


Perente:2021:MPC


REFERENCES

Perez-Sola:2020:BTD

Peters:2011:FPC

Perez-Serrano:2018:EBT

Popescu:2016:NUB

Puiggali:2013:DBS

Pakin:2016:PUP

[Paravati:2011:OSA]


[Pang:2003:PSR]


[Petrou:2011:OPP]


[Papan:2020:NMR]


[Pallipuram:2014:RBP]

Vivek K. Pallipuram, Melissa C. Smith, Nimisha Raut, and Xiaoyu Ren. A regression-based performance prediction framework for synchronous iterative algorithms on general

**Pinto:2018:VPA**


**Penha:2019:AAD**


**Pikle:2019:AFE**


**Pour:2011:MBD**


**Polze:2012:TCO**

Andreas Polze and Peter Tröger. Trends and challenges in operating systems—from parallel computing to cloud com-


Pandey:2009:GWE


Peszynska:2005:SIH


Pages:2012:GCF


Padmanabhan:2014:FCA


Peng:2018:OET


Peng:2010:PSC

Hanshu Peng, Zhongliang Wu, and Changsheng Jiang. Pre-seismic changes of noise correlation function (NCF) before

[Pei:2021:GSP]


[Pei:2016:RMF]


[Pei:2017:DRG]


[Pham:2019:SSS]


[Parastatidis:2005:WGF]


[Prill:2017:CPA]


[Peng:2021:CFA]


[Peng:2015:DNL]


[Pan:2018:EAR]


[Pan:2019:ERA]

REFERENCES

Peng:2008:TEW


Peng:2010:TEW


Qiu:2012:PWM


Qu:2017:MIS


Qi:2017:ENA


Qu:2010:TAW

Yenan Qu, Gordon Erlebacher, Evan Bollig, Julien Lafourcade, and Magali Lapeyre-Mirande. Toolkits for automatic Web service and GUI generation: KWATT. *Concurrency and
References


REFERENCES


Qiao:2022:TMC


Qi:2015:EFH


Quesnel:2013:SIP


Qiao:2019:RAM


Qin:2020:BRC

Qureshi:2012:TIE


Qu:2017:CFS


Quan:2022:EFT


Quach:2020:GSA


Quinlan:2004:POO


Qiao:2017:FAD

Yuran Qiao, Junzhong Shen, Tao Xiao, Qianming Yang, Mei Wen, and Chunyuan Zhang. FPGA-accelerated deep con-
REFERENCES


Qian:2016:GBH


Qiang:2016:SCF


Qiang:2016:ESN


Qu:2016:ILT


Rajangam:2021:TEU


Raouf:2021:PRM

REFERENCES


Raje:2002:QSB


Ranjan:2012:SSA


Raouf:2018:DDR


Rjoub:2021:DRL


Ren:2009:OEP


REFERENCES


REFERENCES


REFERENCES


[RHBK11] Diego Rossinelli, Babak Hejazialhosseini, Michael Bergdorof, and Petros Koumoutsakos. Wavelet-adaptive solvers on


putation: Practice and Experience, 29(8):??, April 25, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


**Rong:2016:EBD**


**Ribeiro:2020:OPQ**


**Rong:2013:EED**


**Reguly:2016:VUM**


**Rozar:2015:TMS**

REFERENCES


REFERENCES


REFERENCES

793


Reyes:2007:PCI


Rodriguez:2010:CCA


Raghav:2013:SIP


Riteau:2013:SEL


Retnamony:2022:EGL


X. Ren, M. Ong, G. Allan, V. Kadirkamanathan, H. A. Thompson, and P. J. Fleming. Service-oriented architecture

[Rojek:2019:MLM]

[Rais:2018:QIS]

[Ros06]

[Ramani:2019:IEG]

[Rajesh:2021:HAB]

[Rangriz:2021:LMF]
Emad Rangriz and Vahid Pourahmadi. Language mapping functions: Improving softmax estimation and word em-


REFERENCES


Ramesh:2020:CSD


Reano:2021:RRC


Reano:2015:IUE


Renjith:2021:SEE


Rao:2019:HGK


REFERENCES

Ravaei:2017:TCD

Roblitz:2006:RRF

Rajkumar:2020:ECB

Rasmussen:2006:BLG

Roy:2005:FWS

Romei:2007:KGG
Andrea Romei, Matteo Sciolla, Franco Turini, and Marlis Valentini. KDDML-G: a grid-enabled knowledge discovery
REFERENCES

Robinson:2020:FSI

Ramanathan:2021:MSF

Ramos:2015:NCS

Rizvandi:2013:SIP

Reuillon:2012:PSS


Ramirez-Velarde:2010:CCH


Rodriguez-Vazquez:2017:PSS


Ritson:2010:POA


Ramakrishnan:2002:PEM


Rojek:2017:SAS


REFERENCES


REFERENCES


[SBB19a] Hari Singh and Seema Bawa. An improved integrated Grid and MapReduce–Hadoop architecture for spatial data:


[SBG20] Anthony Skjellum, Purushotham V. Bangalore, and Ryan E. Grant. Foreword to the special issue of the Workshop on Exascale MPI (ExaMPI 2017). *Concurrency and Computation:
REFERENCES

Scott:2021:IDS


Shahand:2015:DCN


Schulze:2012:MCS


Sahasrabudhe:2019:NFR


Speer:2007:ERM


REFERENCES

Schreiber:2002:ISE

Schirmer:2004:AJP

Si:2022:SIPa

Si:2022:SIPb

Sun:2020:PPD

Sun:2015:DSL
Rong Sun, Xin Cai, Jingwei Liu, and Kyung Sup Kwak. Distributed SR–LDPC codes over multiple-access relay channel

Shan:2019:NIC


Schulze:2007:SIM


Shang:2020:CEC


Shree:2019:ERC


Sanchez:2011:SMA

REFERENCES


[Singh:2011:IRP] Gurmeet Singh and Ewa Deelman. The interplay of resource provisioning and workflow optimization in scientific applica-

Sun:2011:SIS


Song:2015:SAS


Schuchardt:2002:EPS


Schoeberl:2017:SCJ


Silva:2016:ARR


REFERENCES


Souza:2017:PEE


Sarkar:2018:TND


Spellacy:2019:PAP


Sagar:2021:MVA


Sathyasri:2021:EPT


Schuchardt:2008:ACM

REFERENCES


Simao:2012:CER


Shah:2015:EER


Semmoud:2020:LBC


Sodsong:2016:DPB


Severance:2007:USC


REFERENCES


Silla:2017:BRG

Seshadri:2019:DEP

Sangat:2018:SDM

Sakthitharan:2019:EEC

Salehi:2014:RPB

Santander-Jimenez:2017:APP
Sergio Santander-Jiménez, Aleksandar Ilic, Leonel Sousa, and Miguel A. Vega-Rodríguez. Accelerating the phylogenetic parsimony function on heterogeneous systems. *Concurrency and Computation: Practice and Experience*, 29(8):??, April
Sodsong:2017:JPE


Santander-Jimenez:2015:HAP


Saxena:2018:QCA


Seinstra:2004:UTF


Santos:2008:SDM

Sancho:2009:OMC


Sharma:2017:CFN


Stavrinides:2018:ICI


Savitha:2020:ADM


Stavrinides:2020:SRT


Savarimuthu:2021:UNN

Nickolas Savarimuthu and Shobha Karesiddaiah. An unsupervised neural network approach for imputation of missing

**Stavrinides:2021:CAC**


**Sundharamurthy:2021:CBO**


**Spampinato:2014:DBK**


**Son:2017:NOC**


**Samuel:2020:ARR**


REFERENCEs

Schloegel:2002:PSD


Sharma:2021:SAD


Smith:2009:HBP


Søndergaard:2017:CTD


Stefanic:2021:QSA


**Seelam:2012:EBS**


**Shankar:2020:AOM**


**Servat:2016:DSP**


**Sun:2020:ISB**


**Stamatakis:2004:APF**

Alexandros P. Stamatakis, Thomas Ludwig, and Harald Meier. The AXML program family for maximum likelihood-based phylogenetic tree inference. *Concurrency and Computation: Practice and Experience*, 16(9):975–988, August 10,
Stamatakis:2005:RIP


Stewart:2010:IPS


Slomiski:2006:UBE


Shi:2006:CTG


Schnorr:2012:DAR


Sakagami:2002:CCP


Shende:2003:IAT


Schulze:2004:GCA


Simon:2009:OAM


Schulze:2011:MSC


Shibu:2019:ARR


Saeid Seyedi and Nima Jafari Navimipour. Designing a multi-layer full-adder using a new three-input majority gate based

Sim:2001:EUC


Sanyal:2014:CBE


Saito:2021:PTB


Siakavaras:2021:RHG


Subhlok:2018:RPC

[SNGR18] Jaspal Subhlok, Hien Nguyen, Edgar Gabriel, and Mohammad Tanvir Rahman. Resilient parallel computing on vol-


REFERENCES


Suchithra:2022:LRB


Sparks:2019:EDH


Saeed:2021:IIR


Sirvent:2006:AGW


Serpa:2021:EEP


[SPKK22] Astha Singh, Shiv Prakash, Ankit Kumar, and Divya Kumar. A proficient approach for face detection and recogni-

Silvestri:2006:TSA


Sanchez:2011:PUR


Souza:2017:CBB


Sangaiah:2020:CDM


Schuchardt:2007:PBK

References


Strom:2017:HLR


Shojafar:2019:RAC


Szymaniak:2007:ESA


Sommer:2009:AEM


Schmidt:2010:MTW

Jessica Schmidt, Cécile Piret, Nan Zhang, Benjamin J. Kadlec, David A. Yuen, Yingchun Liu, Grady Barrett Wright, and Erik O. D. Sevre. Modeling of tsunami waves and atmospheric swirling flows with graphics processing unit (GPU) and radial basis functions (RBF). *Concurrency and Computation: Practice and Experience*, 22(12):1813–1835, August


Sivakumar:2020:QAE


Srivatchan:2020:NLC


Seshadri:2021:FIF


Simmhan:2016:ECC


Schulze:2009:SIA


Sebastiao:2013:SIP


Stein:2021:LAA


Sasikala:2022:TLB


Stanberry:2014:OHP


Schulze:2013:ELT


Schutt:2013:MSM

References


Stokes-Rees:2007:DLG


Strohmaier:2007:AMP


Seshadri:2015:PGC


Sonntag:2015:EFM


Szalkowski:2015:UDM


Sandhu:2017:SGN

REFERENCES

Subramanian:2017:SOS

Shang:2018:TMR

Sekar:2019:IFF

Selvi:2019:RSP

Sudarsan:2019:BDK


[SSK11] Fadi N. Sibai, Mohammad Saad, and Hashir K. Kidwai. Parallelization and performance comparison of the conjugate gra-

**Simmler:2004:RTP**


**Singh:2021:JDM**


**Soriano-Salvador:2015:OSN**


**Sampaio:2021:EHR**


**Sundriyal:2020:RPA**


Vaibhav Sundriyal, Masha Sosonkina, and Zhao Zhang. Achieving energy efficiency during collective communications.
Souza:2014:STM


Smyk:2021:DAG


Sundfeld:2020:UGA


Sangat:2021:NJP


Sun:2020:NST


REFERENCES


Tu:2016:FGA


Sanjay:2009:SST


Selvi:2021:EDS


S:2022:GCR


Sakthivelmurugan:2019:MOE

Shahand:2015:RSG


Sundari:2012:LIA


Souza:2008:STC


ShanmugaPriya:2019:PAS


Soewito:2009:CWM


Sun:2011:ACA

REFERENCES


Sun:2012:PBA


Simon:2012:PAI


Samfass:2020:LTO


Simakov:2015:AKH


Stolle:2017:UAR


<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Year</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES


Krishna Sudhakar, Yuhong Zhao, and Franz-Josef Ram-mig. Efficient integration of online model checking into a small-footprint real-time operating system. *Concurrency and


Vasileios Theodorou, Alberto Abelló, Wolfgang Lehner, and Maik Thiele. Quality measures for ETL processes: from goals


Thiyagalingam:2006:MLC


Tudruj:2015:PFD


Thamsen:2021:MHH


Touhafi:2018:CCB


Tylissanakis:2012:NCM

REFERENCES


Tao:2015:GAS


Torquati:2019:PAP


Truong:2003:SPA


Tourino:2007:SIC


Tejedor:2012:HPT


REFERENCES

[Tran:2020:CRE]

[Tang:2021:IPM]

[Tan:2017:SSI]

[Tan:2017:SLP]

[Tang:2017:RDS]

[Thoman:2014:CMA]
Peter Thoman, Herbert Jordan, and Thomas Fahringer. Compiler multiversioning for automatic task granularity con-
REFERENCES


REFERENCES


Tian:2018:TAN


Tang:2021:CBK


Tian:2022:APD


Tian:2014:SEM


Tang:2017:PMC

Tian:2021:SDE


Tari:2001:SID


Tremblay:2003:IEP


Tan:2010:CUT


Tolooee:2016:SFC


REFERENCES

Tabik:2015:DTB


Tesfatsion:2018:PPO


Tripathi:2017:IAN


Tang:2014:PAB


Tiampo:2002:PLS

Trunfio:2015:TLM

Tirumalai:2007:UPH

Talmale:2021:CFT

Tripathi:2022:EMB

Tajiki:2019:SDS
REFERENCES


[Rafael Keller Tesser, Lucas Mello Schnorr, Arnaud Legrand, Franz Christian Heinrich, Fabrice Dupros, and Philippe O. A.](#)


Thomas:2005:PPF


Taboada:2011:DLC


Thain:2005:DCP


Thain:2006:HML


Thulasiram:2016:NIS

Tora:2010:PIA


Talia:2008:WFD


Turan:2021:NMR


Turner:2004:SID


Tiwari:2014:OEI


Tellez-Velazquez:2018:CSI

Tellez-Velazquez:2019:SIP


Tlais:2007:DCM


Touati:2013:SIP


Tang:2021:NRP


Thoman:2022:MGR


REFERENCES


[TZG+19] Evangelos Tasoulas, Feroz Zahid, Ernst Gunnar Gran, Kyrre Begum, Bjørn Dag Johnsen, and Tor Skeie. Efficient routing and reconfiguration in virtualized HPC environments with

**Taheri:2016:GAF**


**Tian:2012:PBA**


**Tang:2015:CSQ**


**Tang:2013:FSS**


**Unat:2018:SIH**

Ungrangsi:2009:SOR


Ucan:2021:EAS


Utrera:2018:AIC


Underwood:2003:API


Urbani:2013:SRD


Ururalahy:2004:PCG

Cristina Ururalahy and Noemi Rodriguez. Programming and coordinating Grid environments and applications. *Concurrency and Computation: Practice and Experience*, 16(5):543–


Voorsluys:2007:FCB


vanAmesfoort:2012:PAC


Varisteas:2016:PAL


Vigil:2021:DPB


Vijayarangam:2021:ESP

REFERENCES

Venugopal:2006:GSB


Ventricinque:2016:EID


Vin:2020:PBT


Vasconcellos:2020:ASC


Verdu:2016:DWW


Vekaria:2021:RSC

[VCS+21] Komal Vekaria, Prasad Calyam, Sai Swathi Sivarathri, Songjie Wang, Yuanxun Zhang, Ashish Pandey, Cong Chen,


Vinas:2018:HDC

Vazquez:2011:NAS

Vizier:2020:CBB

Vivekanandan:2021:HHH

Vogel:2022:SAP
REFERENCES

Valcke:2006:PEE


Valadares:2016:DTD


Verma:2016:DRD


Vassev:2012:AAS


Veldema:2003:RTO


vanHemert:2011:GWB


REFERENCES


Valvaag:2013:CHP


Vitek:2012:ISI


Vishnu:2009:TAH


Valero-Lara:2017:RMR


vonLaszewski:2007:PVG


vonLaszewski:2011:EDF


vonLaszewski:2002:CSD


Venkatesan:2022:CDD


Valery:2019:CCG


vanNieuwpoort:2005:IFE


vonOheimb:2001:HLJ

Vinh:2015:SDB

Vignesh:2019:CLB

Verma:2022:AHA

Vysocky:2021:AIP

Villar-Rodriguez:2016:NML
REFERENCES


REFERENCES

Vondra:2017:MCA

Vashisht:2017:SRC

Vidal:2009:ASG

Varbanescu:2009:EAM

Varadharajan:2015:SWM

Voulgaris:2007:PGB
Spyros Voulgaris, Maarten van Steen, and Konrad Iwanicki. Proactive gossip-based management of semantic overlay networks. *Concurrency and Computation: Practice and
vanWaveren:2002:CGH


VanAalsburg:2010:IED


Vadivel:2019:ECS


Vochin:2019:IVN


Valentine:2021:PED

REFERENCES


[WAY+21] Kefan Wang, Jing An, Zibo Yu, Xingshu Yin, and Chao Ma. Kernel local outlier factor-based fuzzy support vector ma-


logic-based method for solving the scheduling problem in
the cloud environments using a non-dominated sorted algo-
rithm. *Concurrency and Computation: Practice and Experi-
ence*, 31(17):e5185:1–e5185:??, September 10, 2019. CODEN
CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

1289–1301, August 10, 2008. CODEN CCPEBO. ISSN 1532-
0626 (print), 1532-0634 (electronic).

[Welch:2010:ABS] Peter Welch, Neil Brown, James Moores, Kevin Chalmers,
and Bernhard Sputh. Alting barriers: synchronisation with
choice in Java using JCSP. *Concurrency and Computation:
CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (elec-tronic).

skew and prefix-doubling suffix array construction on the
ISSN 1532-0626 (print), 1532-0634 (electronic).

Two-level cooperative and energy-efficient tracking algorithm
in wireless sensor networks. *Concurrency and Computation:
Practice and Experience*, 22(4):518–537, March 25, 2010. CO-
DEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (elec-tronic).

tive distributed optimization approach for uploading data
with redundancy in cooperative mobile cloud. *Concurrency and Computation: Practice and Experience*, 33(7):1, April 10,
2021. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634
(electronic).
Watson:2008:SIS


Wang:2008:GCS


Wells:2004:LIJ


Wen:2020:PEI


Wei:2005:SOJ


Woods:2007:PFD

Brent Woods, Bradley Clymer, Johannes Heverhagen, Michael Knopp, Joel Saltz, and Tahsin Kurc. Parallel four-dimensional Haralick texture analysis for disk-resident image


REFERENCES


[WFJ+17] Jianfei Wang, Fengfeng Fan, Li Jiang, Xiaoyao Liang, and Naifeng Jing. Incorporating selective victim cache into
REFERENCES


REFERENCES

Wang:2018:TSF


Wang:2019:SLB


Wang:2020:OVR


Wang:2020:ULA


Wang:2006:CJS


REFERENCES


Wang:2018:SAO

Wang:2016:DLB

Wilde:2007:DHP

Wellings:2012:AEH

White:2020:OPP

Walker:2019:AMI


Weissman:2002:VSG


Wang:2011:DDA


Wittie:2011:TSC


Wang:2012:MCE


Wang:2020:GRA


Wang:2008:SKF

[WLDL08] Liping Wang, Qing Li, Guozhu Dong, and Yu Li. Semantic knowledge facilities for a web-based recipe database system


[WLLL16] Lanjun Wan, Kenli Li, Jing Liu, and Keqin Li. Efficient CPU–GPU cooperative computing for solving the subset-sum problem. *Concurrency and Computation: Practice and Ex-
REFERENCES

Wang:2021:USV


Wang:2018:SDF


Wei:2020:IDA


Wang:2017:VNE


Wang:2016:TCC

Willcock:2005:UMC


Wang:2011:AFG


Wei:2014:GMP


Wang:2014:SRS


Wang:2016:ESR


Wu:2021:NCM

REFERENCES

Wahid:2011:SSC


Wang:2017:KPD


Wang:2018:IGO


Wang:2021:OVT


Wang:2021:ECS


Wang:2007:MEC

[WMA07] Lan Wang, Geyong Min, and Irfan Awan. Modeling and evaluation of congestion control for different classes of network


Williamson:2014:PPP


Wolstencroft:2013:SAE


Withana:2012:SUR


Wu:2020:PGN


Wang:2018:GFB

REFERENCES


[Wang:2016:LBL]


[Wang:2017:EFS]


[Wang:2009:TBR]


[Wu:2013:DBD]


[Wakrime:2020:CSC]


REFERENCES


REFERENCES

Wheeler:2010:VMM


Wyrzykowski:2015:EIC


Wu:2018:HSS


Walid:2017:TSM


Wu:2016:IBP


REFERENCES


REFERENCES

Wu:2019:PFB


Wang:2019:NTB


Wang:2010:AAS


Wang:2020:SSP


Wang:2007:PPR


Wang:2016:POD

REFERENCES

Wei:2014:IDC


Wang:2013:BDS


Wang:2017:RCD


Wu:2019:MBM


Wan:2012:EBE


REFERENCES


[Wei2016:FFR] Wei Wei, Yuhong Zhang, Yang Liu, and Zhiguang Qin. FRP: a fast resource placement algorithm in distributed cloud com-


Wang:2020: MVN


Wang:2013: SIP


Xu:2022: NMB


Xiao:2020: OAC


Xiang:2015: EFT


Xiao:2013:SIP


Xie:2010:FAD


Xue:2020:UPD


Xhafa:2014:EAS


Xiang:2013:EAP


Xiang:2021:HNB


Xu:2015:EEB


Xu:2020:CBD


Xhafa:2018:ESI


Xing:2015:OIB


[XHZ\textsuperscript{+}21] Yao Xia, Zhiqiu Huang, Yonglong Zhang, Min Yuan, Shangguang Wang, and Yu Zhou. SPASC: Strategy-proof auction


REFERENCES


[XLL+20] Xiuzhen Xie, Lei Li, Sheng Lian, Shaohao Chen, and Zhiming Luo. SERU: a cascaded SE-ResNeXT U-Net for kidney and


**[XLWX20]** Xiaoliang Xu, Chang Li, Yuxiang Wang, and Yixing Xia. Multiattribute approximate nearest neighbor search based on navigable small world graph. *Concurrency and Computation: Practice and Experience*, 32(24):e5970:1–e5970:??, December


REFERENCES


REFERENCES

and Experience, 29(12):??, June 25, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Yunlan Xue, Lingyu Xu, Jie Yu, Lei Wang, and Gaowei Zhang. Event space model in virtual and real society based
REFERENCES

Xu:2017:OIA


Xie:2021:UFE


Xiao:2016:USC


Xie:2018:DAH


Xie:2021:AET


Xiao:2017:COG


Xia:2009:NRA


Xu:2011:GFC


Xiong:2020:MPM

REFERENCES


[Xie:2016:SRB] Min Xie, Hongyan Zhao, Nana Zhu, Chengju Liu, and Tianying Jiang. Study on the relationship between network posi-


[Yan19b] Qin Yang. A robust recommended system based on attack detection. *Concurrency and Computation: Practice and Ex-
REFERENCES

Yzelman:2012:OOB

Youn:2007:GPD

Yoon:2007:PPT

Yahya:2010:EEQ

Yao:2017:HCD


REFERENCES

Yu:2019:IBD

Yang:2008:EGC

Younas:2007:QAM

Yi:2020:BOF

Yan:2013:BBS

Yang:2013:SDI
Xiaoyu Yang, Martin T. Dove, Richard P. Bruin, Andrew Walkingshaw, Richard Sinclair, Dan J. Wilson, and Peter

**Yang:2009:**


**Yamazaki:2014:**


**Yebenes:2017:**


**Yebenes:2017EPD**


[YG19] Guo Yue and Getachew Nathan Girma. Research on the mass media effects to the learning efficiency based on so-


Yu:2013:QMB


Yang:2016:IHA


Yi:2014:EMC


Yang:2009:GBG


Yin:2021:CLL


Yan:2019:WIS

[YHY+19] Zhigang Yan, Jiazheng Han, Jieqing Yu, and Yuanxuan Yang. Water inrush sources monitoring and identification based on


Yu:2020:ICR


Ye:2021:EGA


Yu:2019:SSI


Youn:2010:MPS


Yang:2019:MGL


Yao:2015:PSL

[YKD+15] Lin Yao, Lin Kang, Fangyu Deng, Jing Deng, and Guowei Wu. Protecting source-location privacy based on multirings


[YLGY20] Li Yin, Cuiye Liu, Songtao Guo, and Yuanyuan Yang. Sparse random compressive sensing based data aggregation in wire-


Yang:2009:TLO


Yang:2021:BBA


Yang:2013:SIPb


Yao:2021:EAE


Yuan:2021:EFD

Yi:2022:EAD

Yu:2020:HGR

Yang:2018:IOP

Yoon:2004:SMM

Yao:2018:NSS

Yongchareon:2020:UUF
[YLZ\textsuperscript{20}] Sira Yongchareon, Chengfei Liu, and Xiaolui Zhao. Uni-FlexView: a unified framework for consistent construction of

**Yan:2021:EEE**


**Yu:2016:ERA**


**Yang:2021:DSC**


**Yang:2020:RRB**


**Ye:2021:NMM**


Yoon:2021:ESA

Yadav:2021:FAD

Yin:2015:DCC

Yao:2015:BAD

Yoosuf:2021:LFC

Yarmolenko:2007:TIE
Viktor Yarmolenko and Rizos Sakellarious. Towards increased expressiveness in service level agreements. *Concurrency and
Yang:2017:QAI


Yuan:2020:MSA


Yan:2015:DWS


Yang:2021:DQD


Yuan:2021:CNM


[Yelmewad:2019:PIH] Pramod Yelmewad and Basavaraj Talawar. Parallel iterative hill climbing algorithm to solve TSP on GPU. *Concurrency

**Yildiz:2021:IWE**

Yildiz:2021:IWE


**Yamazaki:2017:NGR**

Yamazaki:2017:NGR


**Yang:2001:UKB**

Yang:2001:UKB


**Yang:2019:REA**

Yang:2019:REA


**Yu:2020:TSM**

Yu:2020:TSM


Beytullah Yildiz, Kesheng Wu, Suren Byna, and Arie Shoshani. Parallel membership queries on very large scientific data sets using bitmap indexes. *Concurrency and Computation: Practice and Experience*, 31(15): e5157:1–e5157:??, Au-
Yang:2011:PBP


Yan:2017:PIS


Yang:2017:DMB


Yan:2018:FEW


Yin:2010:SMR

Yang:2021:DBE


Yan:2019:LPJ


Yu:2012:MAS


Yang:2010:DSP


Yang:2017:PPD


Xiao:2021:RSP

[yXlLyGX21] Shi yang Xiao, Cai lin Li, Bao yun Guo, and Han Xiao. A radix sorting parallel algorithm suitable for graphic process-
REFERENCES


Yang:2010:RDI  

Yao:2019:EVM  

Yang:2010:ARA  

Yang:2019:NPP  

Yuan:2012:DDB  
REFERENCES


REFERENCES

Yu:2010:PAE


Yu:2019:DAB


Yu:2021:MOE


Yang:2017:SKS


Yin:2021:ESH

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>


Zeljkovic:2015:EOD


Zhang:2018:SCM


Zhai:2020:DLB


Zhou:2011:ASP


Zolkiewski:2019:FSI

Zhou:2019:RHP


Zhou:2021:CAB


Zhao:2019:ECT


Zhuge:2006:TBP


Zhao:2018:CMT

Zhao:2021:SNR


Zhou:2017:EBA


Zhang:2019:GPB


Zhang:2022:RCP


Zhang:2007:APC


Zhang:2014:XPF

Zhou:2009:IIC


Zhang:2015:SEM


Zou:2014:SSC


Zerrouki:2022:ELD


Zhang:2018:EIE

Zhu:2021:MCA


Zhuge:2007:NSR


Zhang:2019:PHM


Zhou:2022:PSA


Zhou:2018:ACA

Zou:2012:OSP

Zhang:2010:SLB

Zeng:2019:ORA

Zeng:2019:MCB

Zakay:2014:WRP

Zdunek:2018:DGN
Rafal Zdunek and Krzysztof Fonal. Distributed geometric nonnegative matrix factorization and hierarchical alternating least squares-based nonnegative tensor factorization with the MapReduce paradigm. *Concurrency and Computation: Practice and Experience*, 30(17):e4473:1–e4473:??, September 10,


REFERENCES


REFERENCES


Zhang:2021:SSM


Zhi-Gang:2010:STP

Zhang:2017:DSD


Zhao:2008:MTS


Gao:2009:HCE

[ZGX11] Wen Tao Zhu, Fei Gao, and Yang Xiang. A secure and ef-


[ZH15] Wei Zheng and Shouhui Huang. An adaptive deadline con-


Zhai:2019:DVP


Zhang:2018:SRS


Zheng:2016:AAI


Zhou:2016:EGD


Zhang:2019:TDS


Zhang:2020:TDS

Maosheng Zhang, Ruimin Hu, and Lin Jiang. Three-dimensional sound reproduction in vehicle based on data mining technique. *Concurrency and Computation: Practice and


REFERENCES

3912–3914, October 2015. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


Zhongsheng:2020:TIT


Zhongsheng:2021:RTI


Zhang:2019:HCM


Zaharia:2008:GBS


Zhang:2007:GPS


Zhou:2007:HSN


**Zhizhin:2007:IMD**


**Zin:2017:ACI**


**Zhuge:2006:LAC**


**Zhuge:2009:SIW**


**Zhao:2012:PEF**


**Zhang:2019:IAQ**

Bi Zhang and Wei Li. Intelligent air quality detection based on genetic algorithm and neural network: an urban China


[ZLCL21] Chaoli Zhang, Dazhen Lin, Donglin Cao, and Shaozi Li. Grammar guided embedding based Chinese long text senti-


Zefreh:2017:DDP


Zhang:2019:VFS


Zhang:2011:ERQ


Zhang:2013:SIPc


Zhang:2021:IPV


Zhao:2018:TDM

[ZLQ+18] Taotao Zhao, Xiangfeng Luo, Wei Qin, Subin Huang, and Shaorong Xie. Topic detection model in a single-domain cor-

Zhao:2016:DCA

Zhao:2018:DCN

Zheng:2019:RHF


Zhang:2021:UIE


Zhao:2016:DCA

Zhao:2018:DCN

Zheng:2019:RHF


Zhao:2018:DCN

Zheng:2019:RHF


Zhao:2018:DCN

Zheng:2019:RHF


Zhao:2017:PAA


Zhao:2019:HPM


Zhao:2022:PEE


Zhao:2013:SLB


Zhou:2010:VSH


Zhang:2018:PLF

[ZMYA18] Wei Zhang, Gang Mu, Gangui Yan, and Jun An. A power load forecast approach based on spatial-temporal clustering of load
REFERENCES


**Zhang:2011:SMA**


**Zhong:2022:MCC**


**Zhang:2016:PMR**


**Zhang:2014:AOP**


**Zhou:2021:ETC**


REFERENCES


Zhong:2019:MBF


Zhou:2019:UAB


Zhou:2017:LSA


Zhang:2021:LSN


Zhao:2016:EMC

REFERENCES


Zechar:2010:CSE


Zhang:2015:EMS


Zhang:2022:SDF


Zheng:2018:RAD


Zhan:2018:UTL

REFERENCES


Zhu:2021:ONK


Zhang:2012:RTH


Zeutouo:2021:FSA


Zhang:2018:RTB


Zeng:2009:EBI


Zhao:2017:SSA

Zhipeng Zhao and Bin Wu. Scalable SDN architecture with distributed placement of controllers for WAN. *Concurrency and Computation: Practice and Experience*, 29(16):??, Au-


REFERENCES


REFERENCES


REFERENCES


Zhou:2021:WEN


Zuo:2022:EHR


Zhang:2009:WCM


Zhuge:2011:BOC


Zhang:2020:MOI


Zhang:2021:CIR

REFERENCES


REFERENCES


Zhou:2006:GGE


Zhou:2018:VMM


Zhang:2007:AFG


Zhang:2016:EPI


Zhang:2021:ISR

Zhang:2019:VDS


Zhang:2006:JEJ


Zhang:2012:OQE


Zhao:2016:PPU


Zhao:2017:STS

REFERENCES


[ZZL+18] Biaokai Zhu, Jumin Zhao, Dengao Li, Hong Wang, Ruiqin Bai, Yanxia Li, and Hao Wu. Cloud access control authentication system using dynamic accelerometers data. *Concurrency


Zhu:2021:MPS


Zhang:2021:FDR


Zhao:2015:MRM


Zhanjun:2019:FDR


Zhang:2010:SFE


Zhu:2015:PML

REFERENCES

