Title word cross-reference

(a,k) [LXW17]. (PU)^2M^2 [CSL^+18]. 0 [SSIH19]. 1 [SSIH19, VDL^+15].
16 × 16 [TPGC15]. 2 [CCW06, PDC16]. 2pq [CL14]. 3
[ACIC^+13, DCG11, EMEY14, KSM^+08a, MBP16, MCY^+07, MJL01, OLG^+15,
PSLC11, PSCK^+15, QSZL18, RWK17, TTR^+10, WSS^+18, YBC^+07, ZLKK17].
5 [AVS^+19]. 2 [YNX^+16]. T^M [YL01, ZJKL10]. n [LSP15]. T_P [LTK17]. c
[HW16]. ℓ [DHV03]. G(d) [WCA08]. K
[LFZ07, DHV03, GR13, KH12, PGL^+17, TLX^+17, XLL^+18]. LU [DFLL14].
N
[BDH15, CGK14, GGV14, SSB^+14, TL14, AS15, LLRS19, PGL^+17, PDCA17].
s [PGL^+17]. t [HJM^+11]. t/k [XYL18]. x [IR11].

-anonymity [LXW17]. -ary [PGL^+17]. -body
[CGK14, GGV14, SSB^+14, TL14]. -Cube [AS15]. -D [ZLKK17].
-dimensional [AVS+19]. -direct [PGL+17]. -gram [PDCA17]. -indirect
[GR13]. -nearest [KH12]. -of- [LLRS19]. -out-of- [DHV03]. -private

.NET [BHW05, HLB10].

/OpenMP [VDL+15].

1 [RMP+13a]. 1.1 [OA02]. 1.2 [CG01]. 1.3 [MP04]. 10th [Kni06, WT15].
128-processor [LL01]. 12th [Fox17a]. 1394 [HON04]. 14th [GJ17]. 1516
[MP04]. 15th [GZX17]. 1605 [Ano06]. 17 [Ano06]. 18th [PCC17]. 1940
[DKMM14].

2 [BS04, BB13, BÇG14, JLT06, LXW+16, LSK04]. 2.0
[CBHTE11, DWC09, DH15, FP09, LVN+12, MLW+15, PFC+09, ZL09, Zic12].
2.0-based [MLW+15]. 2.2 [HRR+11]. 2000 [LL01, LSK04, PIH04, Wis02].
[BL10a, NCD+08]. 2009 [BL11a, SHT11]. 2010 [BL11b, Bou13, HTBR12].
2011 [BL13a], 2012 [BL13a, HT14, Hou12, QFG14]. 2013
[AF14, LB14, PDD14, WD15, WT15]. 2014
[CCJ+16, FB16, HT16, LBS15]. 2015 [LBT16]. 2017
[Du18c, OKG18, SG19]. 2018 [Wu18]. 21st [BHJ+16]. 21st-century
[BHJ+16]. 2D [ZZZ+15]. 2D-DWT [ZZZ+15]. 2nd [FZ08].

3.0 [DBB+16]. 30.7 [SLM+10]. 369 [GKS09]. 3D [SL14, Che18, LXW+16].
3G [KCS07]. 3rd [CC09].

4.0 [JCP15]. 40 [DAC+18].

5G [GLL16].

6 [OCC+05]. 6.1 [ZMJZ10]. 6.2 [ZMJZ10]. 600 [LSK04]. 6th [Run10].

77 [AL04].

8 [KS19, SAdB+16]. 802.11s [BOB13]. 802.21 [WCL12].

90 [FSPC+02]. 90/HPF [FSPC+02]. 95 [vWAH+02]. '99 [TM01].

A-LDA [GLD17]. A2 [FNBS16]. AAA [BT18, MML+17]. AAA-based
[MML+17]. AAAA [WBB+07]. AAH [GQR16]. ABC [BPL12]. ABC-GA
[BPL12]. abnormal [GBXL17]. abort [ASP19]. ABS [SAdB+16]. abstract
[AHM06, CTY15, DBC09]. abstraction
Accelerate [YXLZ16, FBV+13, MTHK14]. Accelerated [ANPR16, BDW14, CGK+16, CMB13, CP14, DCD+14, IOOH12, JHL+16, LRL+17b, LS15, MCB14, MPSGD14, NSY+17, PGdCJ+18, QSX+17, RK15, SBC15, TDM+15, TPT+18, ZWL+17, ADK+16]. Accelerating [AdCPdSD17, BKLH09, DFTHD18, DMC+18, DCK12, EDB+14, GC19, KW18, KHF+17, LL16a, MKO+17b, NNH+14, PRCV16, RAC+11, SJISVR17, SNK+15, TB12, ZCD+12, BP17, CCO15a, ISO+14, PPdSTB17, SAD13, SIOS02]. Acceleration [ZO14, ABG+13, KC13, KPNS18, PZ11]. Accelerators [ADF+13, BKSM+15, BHKW12, CGST17, HJB12, HCKF15, SRF13, YOBS16]. Accelerometers [ZZL+18]. Acceptance [ALL+15, HLA+18]. Access [AK01, RCB+04, SW11, AFGL09, ATKH+17, AC02, AV07, AAF+07, BDI+07, BHA+15b, CSL08, CJC+18, CLH+16, DFC12, DKMV07, GvHHK11, GBSHA01, JSG17, KFS+06, LZW13, LLLS18, LCMY13, MLL+11, MTGZ17, MCB14, MD02, OTG+07, RR01, Sch04, SKNH09, SS07, SW12, SCLK15, TYHL12, sTzNL16, WLW11, WBS16, WFKS18, XHH12, YBO10, ZYN+07, ZXW16b, ZZL+18]. Access-controlled [RCB+04]. Accesses [LPC+14]. Accessible [OK15]. Accessing [GKP+09, Wit10]. Account [RSPV17]. Accounting [GEJ+08, HGT14, MAS+14, SAC+07]. Accounts [WBB+07]. Accumulator [LZY+16]. Accumulator-based [LZY+16]. Accuracy [DFLL14, EMF+14, TLM17]. Accurate [BCK+09, GW15, AAF+07, FOTW04, GQR16, MCC16, TCP+05, VB16]. Accurately [VSC17]. ACES [Run10]. Achieve [CAG+13, PQP13, YLLZ09]. Achieving [CBPP02, DP03, DFTLD14, SZZ13, WLW11, ZYN+07, XTLG08]. ACID [CEMR19]. ACM [Fox01, Fox05]. Acoustic [MS07, OFR+17]. ACPI [XRD+17]. ACPI-compliant [XRD+17]. Acquisition [CMCA17]. Across [AAE+09, BPD+06, CC15, XLQ18]. Action [WGQ+18]. Active [PLL14, RM11, ZHT08, ZTG17, BD18, DT17, Pre01, SM04, XM02, ZL06]. ActiveSpaces [DJ+15]. Activities [WWL+17]. Activity [BFH17, BDM+05, GQR16, Yu18]. Actor [BAT13, CWM18]. Actuator [ZCH+17]. Acyclic [AS17]. Ad [CNPP09, Den07, DA15, EB10, HKA+15, IHB15, KOO12, KKK10, KABD07, MTM19, MSMA19, MLRR09, QWW+16, Sha15, SK17, YWM+10]. Ad-hoc [Den07, IHB15, KABD07, MTM19]. ADAGE [YR15]. Adaptability [DT15a, SPS+17, ZBZH11]. Adaptable [CZL+17, dRL10, ML19, PG+04]. Adaptation [LLH+09, RCR+15, AAHW04, GFBR10, LW05, MvNK+06, RKW17, WO02, WRC09, WFT17, XL+17, Zhu18]. Adapting [LBTE14, ZHY09, KL02]. Adaptive [AWR17, ADF+19, DOCPFJ13, CZG16, EME19, FNI17, GVC10, KR06, LPS+09, LGQ+17, LCW+17, LCMY13, PGK11, PCD15, RHRB13, SZ18, TCBR+10, AR16, BJ01, BCD+02, BB12, BVB19, BM08, BFVRC15, CEMR19, CRB09, CCW+15, DDP+06, GvDHS12, HKRR08, HHKA14, JN03, JyLDZ+18, KFD18, LSJ16, LC18, LB11, MB18, MV16, Nak02, NC05].
RHBK11, SGD+18, SYMA17, SWD+17, SG18, VB16, WCR+14, WLW14, WLS03a, XYSW18, YCL11, YLD13, YESG+17b, YESG+17a, YESG+19, ZH15, ZCXB17, dOOO+12]. adaptively [LPSF11, PWMX16]. adaptivity [VD05]. Adding [SRN+15, vRS05]. address [ADK+16, CXW17, HKS+12, ZDB+14]. Addressing [CBBCD08]. Adelson [BBB16]. Adelson-Velskii [BBB16]. ADIOS [LLT+14]. Adjusting [YYCH10, JKZ03, YYC10]. admission [DMA13, XCL09, ZCC+06]. Adolescent [CS09]. adoption [HLX+16]. advance [ET09]. Advanced [Ano15a, BCX15, BLXE19, DSH18, MLY10, PIGK16, SFN12, XCH14, XH12, XCHV13, Zha08, DM15, DL17, LMH+14, LL15, LNB17, MPSGD14, Not16a, QD17, RS13, SPSB19, SRTG+07, WS17, YMLR16]. Advancing [KMJ14]. advection [JPS17]. advertisement [XY17]. aerial [ABK+18, LHZ+15]. AES [CLH+11, FLYL16, PZ11]. affecting [HMM+09]. affinity [KB13]. against [AYSZ14, BS+03, HYLG15, KKS12, LWF+17, LLRS19]. age [ABDO09, HT15, ZS19]. Agent [KKS12, RK01, CCCW13, CAC15, CKC09, CGN15, CN16, DMR15, DPST06, EF+17, GPVCD12, HM16, JH14, KZY+18, KFD18, LCT16, MT08, OM06a, PG11, PRS01, RHL+18]. Agent-based [KKS12, CAC15, CKC09, KZY+18, KFD18, LCT16, MT08]. agent-oriented [DMR15]. agents [ADSV16, AK04, CJ12, EJF+16, NP+16, QKJ+17, SNEP14, YCW08, ZMZ11]. agents-based [ADSV16]. aggregate [FGC06]. aggregation [DXW16, DZC16, NJ15, TLW14, WJXZ18, ZGX11]. aggressive [VJHB05]. agnostic [VCM+09]. agreement [KDW+17, ZSC15]. agreements [DPGA11, YS07]. agricultural [AAV+15, HAJL16]. ahead [FBS16]. AHM [WAS07, WC08]. AI [ZS19]. aided [BAZ09, LGdVH13, WLFX17]. Aimed [CZ15a]. Airavata [BAC+15, PMG+15]. AL [CZQ17]. AL-DDCNN [CZQ17]. Alamos [WJLD09]. alert [RMC12, WZXZ12]. algebra [ADI+14, BHL+09, BHJ+16, BLL18, CGG17, HLYD12, KLDB10, PHC09, SD15, SLB08, SB17]. Algebraic [BFK+17, BDE+19, ODS+13]. algebras [CMD11]. algebraic [MQOQ01]. algorithm [AA16, AS17, ACGG06, ACCM17, BKH08, BY12, BKN16, BDF15, BT04, BDH16, CHP17, CMMB13, CCW+15, CEM+17, CDF+17, DCJ12, DHV03, DCCZ18, DLP07, DLM13, Du18b, Du18a, EN19, EB18, EN16, FHT13, FTT15, GZG+16, GCWE15, GM04, HST17, HZHP09, HBD18, Hvd13, HW16, IC07, JLH+16, JYL18, JKV+15, KA16, KH12, KHHHC13, KKW+14, KYBV17, LZZ+17, Li04, LC09, LDZ14b, LH17, LXYC17, LHHJ18, LLH+15, LY16, LZF17, LC18, LMX+18, LZZ+15, LLQL14, MS17c, MKKB04, MCD18, MLR09, ML17, MDL+10, MNL15, NIU17, OAS+15, PLY13, PWH18,
algorithm [WCR +14, WZS +15, WJYH16, Wan18a, WF18, WZLL18, Wan18b, WZLQ16, WLL03a, WLL03b, WRDZ13, XYL18, XMJ17, YGW17, YWL +17a, YWLQ18, YT19, YZXW17, ZW09, ZY12, ZQK15, ZYW +16, ZWXSL9, ZYLT06, ZFJ16, ZL12, ZLC17b, ZDX12, dARP17, dCRS11, KAA19].

Algorithmic [SKK01, WS17, BG101, Cho01].

Algorithms [BJ18, CGBNM17, Fox10, SNM15, AJY +15, ABDO09, AMVOSGAC17, AT18, AMS17, ABDR13, AT18, BYN +17, BDL +15, BEDK18, BB12, BCM15, BDTS13, BDH18, CDA09, CMVRRVGI17, CCTW11, CCP +15, DS04, DLT +16, EOD +19, EAGVBD11, FLYL16, FLMRC02, FRK12, GYM14, GLM +16, HLYD12, HT15, HR06, IQovdG13, JdM12, JM07, JKLZ03, KRW17, KHZ06, KR04, KR11, LMK18, LF17, LWW06, LLH +17, LB11, MB17, MSD +18, MHL +05, MTK16, MJL01, MB14, OOL14, PSRR14, PP17, RTMZ13, RB17, SRS16, SGM18, SER15, SFH13, SFT15, SSU18, TMZ07, VS02, XTB17, YCW08, ZS17, ZL12, ZLZ +17]. algorithms-by-blocks [IQovdG13].

aligning [SL14].

alignment [AMHC11, BS04, LLB04, LS15, SRF13, TDL +18, ZCL +18]. all-pairs [SSB +14]. all-to-all [HR18, ZIKL10]. allocating [ME08].

Allocation [HJTX17, BHD13, CA06, CCS10, CFTT17, DFPT06, EdPG +10, FXX16, GEJ +10, GS04a, ITK09, JL10, JN09, KZY15, KZY +18, LBV16, LC09, LDPZ14, LYF +17, MS17a, RPK08, Sh15, SS18, SN18, SKJ17, SJD18, TAMC19, TAB +06, TXZ +17, TSBR10, VDB09, VGN +16, WRLS12, XLZD13, YYY10, YCL11, YPLJ11, YL01, ZL12, ZLZ +15, ZWMT12, vdKEL10]. allocations [SB17]. almost [BK05]. almost-whole [BK05]. alternating [ZF18]. alternative [BFU07, ELM +16, KHL14]. alternatives [AM01]. Alting [WBM +10]. altitude [ABK +18]. Amadeus [BPB08]. Amazon [MSL +14, MDH +16]. AMBA [MS10]. Ambient [dMD +17]. AMC [CCW +15]. American

[GG07, DCJ12, HLCW15, PW12, TZEK12]. among [BFU07, M中秋17].

AMSBA [PIKG16]. AMULET1 [The01]. AMUSE [LDS +08]. analyses [BAD +11, DZ13, SB070, TCH +13]. Analyzing [LLT09, SL04]. Analysis [AM07, CLXZ10, CLV +15, DXWC16, GMMX13, GG07, GGR +10, HLYD12, KNT +01, MFG +13, PQP13, ULS03, AA16, AFB +10, AHB +10, Aia15, AQAAR +17, AAF +07, ANCA19, AC06, AHH14, BRK +17, BAI17, BGG14, BM03, BBCG02, BDD1 +17, BK08, BRW06, BDP +14, BLS11, BWB11, BDLMM +05, CM05, CC13, CSBL12, CGIP16, CXL15, CM18, CMD17, DCG11, DIM18, DDX +06, DXHL17, DL17, EMS15, FBH +01, FM08, FBC10, FBV +17, FGG +18, GYB +11, Ger05, GMD07, GO10, GPW03, GYP +16, GC18, HJ12, HGT14, HFR +17, HPS12, ISS +02, IA1H +15, JLLH14, KVGS +14, KR15, KHM +11b, KYBV17, KZC +05, LLRS03, LAC +08,
analysis [PLL17, PSS+18, PPP10, Pu13, QZH16, QZY16, RVD+12, RVRD10, dRRdCRR16, RVVPD+17, RS07, RGB+15, SSE19, SGJ+17, SAOKM04, SLV12, SER15, SGCA+16, SLGL16, SWD+15, SM09, SWB12, SWL+01, SWD+17, TNH15, TN16, TQL+14, TWN07, TWB13, TF03, WCA08, WZC16, WBC02, WWG11, WMDM07, WKL11, WCH07, XWFH08, XTZ10, XYER16, XZZ+16a, XBB13, XZZ16b, YWL+17b, YHH13, Zen19, ZCC06, ZPG10, ZH16, Zhe16, CKOG10, MCSML07].

analysis-driven [HPS12]. analytic [TPV17]. analytical [CS13, ID18, JAA08, LC17, PRS01, RGAK15, TYHL12, WTN07, ZHM17].
analytics [BM16, BWHS18, DSH18, GQH17, KMJ14, Li18, PRCV16, SMS19, TTPJ16, WYZ17].
analyze [FCY17, HLZD18, HWZX08].

Analyzer [CV07]. Analyzing [DT15a, HKG08, IAE11, SdvOM16, UGM18, LZL17a, RR15, XZHW09].

and/or [ECP18]. Android [AA16, CJC+18, CL16, KGK17, MKO+17b, PCL17, QXSJ17, YWL+17b].
animal [CMT13]. anisotropic [Du18a]. annealing [HXY+12, MK15b, WYZ12, WZLL18].
annotate [FHO+15]. annotation [CHH18, MHK+18, SRL+14, WOH+13]. annotations [IS10, MGS19, vRGNP09]. anomalies [SLV12]. anomalous [ZLZ+17].
anomaly [AWR17, BMPP17, CRB+17, HPD+15, LZL17a, MW18, FFC14, PVS18, RS16]. anonymity [LXW17, WWS+12, YZW+17].

anonymization [SWZ12]. anonymous [BT18, MML16, YZW+15].

Answering [GR13, TGS14, CWH07, HHWZ08]. ant [MS18, TV14].


Apache [GC19, PMG15, WZLL18]. APART [GG07]. APCIE [CCJ+16].

APEC [Ano02]. APEX [SS07]. APEX-Map [SS07]. API [APHB16, YWL+17b]. APIs [CS15]. app [Fer15]. Appearance [TNH15, TN16]. appliance [JK10]. appliances [LL15]. Application [BBA18, Che18, OKE18, PHK10, RVD+12, RNAD19, RO12a, RO12b, SWD+15, TDM+02, AV07, ARPPM17, BHD13, BvIF10, BT18, BAZ18, CRC+15b, CCO15a, dCPFJ13, CNAQ18, CZ15b, CM07a, CKBB14, DZL+17a, DL17, ESG11, FCY17, FGG+18, FJG+13, GA08, GSV03, GAE+06, GWVP+14, HLX+16, HVM+15, HKAC14, HYL15, HK02, IHB15, JZJW15, JN03, KOK14, KSM+08a, KS19, KA11, LHBW15, MKB01, MAK18, MvWL+10, NZZK11, OTO18, PW+14, PSG03, PLW+18, QZH16, RNJM17, RMCHMG15, SBBE07, SLD+12, SM03, SBDP15, SIM+07, SVN12, TKA+02, TY15, TK10, TBK+15, VSR+09, VSB+15, WXY10, WSZ+18, XHH12, XM02, YDS+14, YBC+07, ZS01, ZDA+07, ZYL10, ZSS18, ZKJ+07, ZZZ+15, ZLC17b, dRL10, vAVS12, RTPPH12]. application-aware [DZL+17a].
Application-driven [RVD+12]. Application-level [BBA18].
Application-runtime [GA08]. Application-specific
[RO12a, RO12b, ZS01, ZLC17b]. Applications
[A117, CL08, CC09, EN09, EH18, Fed13, LWL17, PPST09, PC17b, SNM15,
TM01, Tur04, Wu18, YWT+12, ACJ10, ALKD16, ABtGT+12, AA19,
AMSS15, AK01, ASS+05, AMGCC17, ACFT15, AC06, Ang08, ACG15,
AFG16, Ano06, AAV+15, AAE+09, BH16, BL17, BMV03, BFR05, BCD+02,
BEQOR13, BBdS+17, BBK11, BSP11, BR04, BFM+06, BFVRC15, BAG17,
BP06, BSB+03, CML+10, CEH+06, CGK+16, CGST17, CV07, CGBNM17,
CDMS15, CSBL12, CGIP16, CSL12, CWMZ06, CA06, CCK09, CN02,
CSPM13, CM18, CSWB11, DJM12, DFPT06, DHH+13, DVMV07,
DvNM+11a, ET15, EPP14, EMS11, EDVS09, EFY17, EDBS08, EABVGV14,
EMS15, EJF+16, FBH+01, FE17, FT06, FNBS16, FS18, GFBR10,
GTA10, GWC+11, HJV+19, HKS19, HDFJ10, HKS+12, ISO+14,
JOC+15, JCK+13, JKL+17, JZZL06, JK06, KTR11, KQR+17]. applications
[KKM+06, LBOE18, LBTE14, Lan17, LHL10, LL05, LPH09, LLWS09,
LDQ14, LHHJ18, LML+18, LLL16, MWL+13, MHJH16, MMRP01, ML19,
MKJO04, MLC04, MBC+14, MSCS18, MCM07, MC18, MDH+16,
MKO+17b, MCM07, MK15b, MT09, NSBR07, NDT+16, Not16a, OSK+01,
OK18, Par02, PWWR05, PS05, PTL+16, PFC+09, PRV11, PSS+18, PK17,
PH12, PB16, PIGK16, PIS+16, QCB17, RRBB11, RBP12, RMCN+07,
dRRdCRR16, RTMZ13, RMG+10, RM11, RO12a, RO12b, SBS16, SM02,
SV09, SAB15, SFLS04, SRM+15, SG16, SIOS02, SAdB+16, SHG+07,
SCBH09, SF16, SGV12, SM09, SD11a, SFH13, SFT15, SS15b, SE01, SK18,
SCLK15, SVN12, TKB09, TCDMR+17, UR04, VDB09, VBW06, VCP16,
VFAD17, WL11a, WAD12, WM17, WT10, WK07, WJKS18, WMDM07,
WCL+10, WSL12, XWL17, XYS17, YT15, YK10, YL01, ZBP06, ZBE17]. applications
[ZBEM18, ZP06, ZLYT06, ZHGX16, ZZ17, dCGKG06,
vHMB08, GTGT11, HF17, LTL+17]. Applied
[WT15, DBH+17, DAB09b, MCB14]. apply [FMS11]. Applying
[AMVOSGAC17, BHD13, CAG+13, CBP+04, CKBB14, KW11, LWL06,
MCY+07, SGCS08, VSK09, dCHMJ12, ASG+08]. approach
[Air17, AHHW04, AR16, AMSS15, AML+15, AHA18, AMP+18,
ACMM06, AT17, AMS17, ADD+05, AUHWJ19, BA18, BBG17, BTCB16,
BPL12, BKA+07a, BAZ09, BCC+05, BJ17, CWZL13, CAC15, CLMM12,
CG10, CKG10, CLY16, CWMW15, CLZ+17, CLS14, CHH18, CL07,
CBP+04, DST11, DMR15, DGA+10, DED07, DAB09b, DS15, ELM+16,
ESZ09, EAGBVS11, EFA+17, FHH15, FMS15, zGWX19, GKP+19,
GH08, dAGC11, GVC10, GIL17, HKA+15, HSJ+18, HM16, HAA+17, KR15,
KF18, KHZ+15, KHVK17, KTM+09, LBV16, LWF+15, LHZ+15, LWT+16,
LGQ+17, LZW17b, LNY15, LPA+08, LSL+17, MJZ17, MY17, MTA+07,
MS16, MJ17, MCXP15, MVPT17, MK15b, MLVBW12, MS10, ORdSL13,
PFC14, PZHS18, PV04, PDC17, PKG11, PCD15, PSIP16, PSW11,
PME+08, RSS06, RHaR+19, RGCC15, RMCHMG15, SJVR15, SB18, SD15,
approach

approaches [AAF17, ABS16, BDT01, BCM05, COC18, MPSGD14, OK18, PGP+10, RBDI17, SİM+07, Sod05, VLJ17, YDB+13]. Approaching [IAH+15]. approximate [GG09, GE08, IPGCMW18]. approximation [BEDK18, CCTW11, CS13, WJ12]. approximations [CNP+15]. apps [SSC+16, YWL+17b]. Araport [HVM+15]. arbitrary [HP11, KMA04]. arbitration [LGL+17]. architecting [AMABS18, Mit17a]. Architectural [BCC+05, MCCG11]. Architecture [CLH+11, MP04, Nel05, AP10, Akt18a, ADSV16, CT12, CLL14, CCL+17, CS17, CM07a, CJ12, CSB+16, CKL19, CBIGL19, CMT13, CKNW06, DBGA16, DXZ+16, FAM+18, Fer15, FNSBS16, FFT15, GWW+10, GAM17, GW15, Has17, HCK+08, JVP18, JLCA07, Kar14b, KHZN06, KPS14, LS+16, LGQ+17, MLS+15, May10, NJM19, OCC+05, PRS16, PSLC11, PSJM13, ROA+07, RW10, RCR+15, RGL+15, RHS17, SDB02, SJA10, SPW09, WCZX16, WL02, WLL14, XL17, ZFT08, ZWW14, BBCG02, KKJH03, Zho06]. architecture-level [WCZX16]. Architectures [MN10, AHP+13, ABC+16, ABC+15, ACS10, ATNW11, BOF15, BG14, BSP11, BIK+11, BKKZ+13, BS10, BRVC16, BLKD08, CRC15a, CL18, CACC11, Cha03, CKL17, CNG13, CQZ+16, DFTHD18, DDM16, DCK12, EOD+19, FBH+01, FN13, FS18, GGV14, GVC10, HM1+09, HLY12, HBKM06, Hv13, JKV+15, JPS17, KB06, KMG+18, LL16a, LF17, MCP+12, MLC04, MO02b, NO02, OAS+15, PZ11, Par02, PA18, PHCR09, PH12, RLGM16, RKW17, RHBK11, RGR+15, SCHV11, SHT+17, SRM13a, SF16, SFH13, SFT15, SHC+16, SJPB17, STL+15, SEF+14, TYL+15, VDL+15, WS17, YR15, vdB10]. archives [ZKR+07]. Archiving [Wit10]. Area [CS09, BMA03, GHMX13, RMP13b, XPBS11, XY17, ZMJZ10]. areas [RRR15]. Argus [FG06]. arithmetic [KPN18]. ark [BDG08]. ARM [BBdS+17, MO15]. arrangement [DBR13]. Array [CGK14, CM05, GvDHS12, Kui14, LGFM05, WBO16, MDV07, RVV07+17]. arrays [AR19, CAD+18, Kes04, LK03, MMG03, NNM+14, TBK06]. arrhythmia [BTCB16]. arrive [LGCJ+13]. arrow [GE08]. arrow-type [GE08]. art [BKZ+13, DHC13, MRS08]. artifact [ZZZ+15]. artifacts [ZWW14]. Artificial [KC15, Brist16, DD17, PB12, Pac16]. ary [PG1+17]. ASCII [KHW05, RBH02, YBC+07]. Asian [LL16a]. ASKALON [FJP+05]. ASL [GF07]. ASP [OISS07]. aspect [BAV11, MSS16]. aspect-oriented [BAV11, MSS16]. aspects [ACS10, GMT15]. assemblies [TMR+07]. assembling [BPD06]. Assembly [PC17b, CPS+14]. assess [CHP17].

Assessing

[HAV13, LHBW15, MMSG17, MAS+14, ZBZH11, BBB+14, MDX14, PRS16]. assessment [CLMM12, FRU12, GGS+16, HLY18, YJJ+12]. asset [DCJ12]. assign [PB12]. assignment [LLY09, SPJ14, Yos06]. assignments
assimilation [vHvdSvL03], assist [KKK+19]. Assisted [dMd+17, Gog11, MWPX17, MPVT17, VEJD17]. ASSL [VH12].
associated [ZB+15, SWB12, vLRF+02]. Astroturfing [PDCA17]. Asymmetric [ZLA+15, GA09].
association [DBH+17, WWL+15, XLMH14, YBX+17, Zhe16, LLX15b]. associative [dMd+17, Gog11, MWPX17, MPVT17, RMG+10, VEJD17].
assurance [AL04], astrophysics [BB08, WLM+15, XLMH14, YBX+17, Zhe16, LLX15b].
assumption [LZC14], assurance [AL04], assumptions [LZC14].
available [KM03]. avalanche [PH04]. avatars [TNH15, TNI16]. AVC [RSMFE+12]. Avoidance [ZKWK17, SWS+18, VKM+09, YESG+19]. avoiding [WS09]. Award [Bou13]. aware [AA19, ABC19, And13, ACIC+13, AMAB17, ACCM17, AMS17, BDE+19, BKS18, BFM+06, BPG08, BHKW12, CEH+06, CGS+17, CRCC09, CSL+18, CLQ+17, CC15, CZG16, CLT+16, CLH13, CFTT17, CDG15, DF+18b, DMR15, DCP+17, DPGA11, DHC11, DZL+17a, DXY+17, DYW16, DA15, EN19, EOD+19, EQR+19, FA18, GYM14, GMRGS15, GAW09, HAAWA+16, IHA+15, ID18, JZL14, JZL15, Jon9, KC15, KL12a, KBB11, Lan17, LBdM+16, LWYM16, LDXC13, LFH08a, LJC16, LSJ16, MTM19, MS13, MRL16, MSP+13, MdB+17, PAF+17, PPBB14, PRV11, QLD+11, RIWS17, RAFF14, RGB+15, STO17, SJJ18, SBPP15, SGV12, TQZ+17, TMD+19, WSL15, WQS+16, WJXZ18, WDT18, WDW+15, WSW+12, XDJL18, YBO10, YSC+17, ZLY+13, ZWH+17, YCWH07]. awareness [CAC15, LBOE18, RH07]. AXC [CBIGL19]. AxML [SLM04]. Azure [CTAB16, KBT+14, LRS15, XBB13]. Azure-based [KBT+14].

B [IS10, MS10, PLL17]. B-mode [PLL17]. B.E. [BHH09, VSR+09]. Babylon [vHMB08]. back [LMS18]. backbone [NSA13, NSA16]. Backfilling [LGJ+13, WZL06]. background [KMA04]. backoff [WQZ+13]. backtracking [FH13, PGDJ+18]. backup [BDP18, GÖ18, LYS18, ZSW16a]. bacterium [ALVY05]. bag [PCGE18, PRV11, ZS17, NB12]. bag-of-task [PCGE18]. bag-of-tasks [PRV11, ZS17, NB12]. balance [HWL18, SBPP15]. Balanced [MS17a, LZ+17, MS17b, WQ+16, ZL11]. Balancing [DT17, FSG19, WTL+16, AS15, AR16, APBH16, BGV+01, DBR13, DCCZ18, EB18, EOD+19, FJ05, FE18, FT06, GL08, KKTHL13, KYM17, KR04, LJL+17, MK1004, QCB17, WJYH16, WLL03b, XBJ10, XBT17, ZEB10]. banded [BHN+09]. bands [HCKF15]. bandwidth [GDD+04, Hie18, LWF+15, PIH04, YLR+13, ZWMT12]. bar [AMRT14]. Baraglia [ANO06]. Bargaining [HJTX17, YCZ+13, SPJ14]. Bargaining-based [YCY+13]. barrier [TZK12]. barriers [KCBO17, WBM+10]. BASARIM [UA18]. BASARIM-2017 [UA18]. base [XZH+16]. Based [HJTX17, MN10, ALK16, ABT16, AFGLO9, ABC+16, AQRA+18, ASWR12, AR16, AM15, AK01, AMR06, ABC+08a, AKG13, AC02, AQR+17, AMABS18, ADSV16, AMP+18, ALL+15, ASS19, AUHJ19, ABG+13, Bai17, BTCGL17, BCI+18, BM10, BBG17, BDK18, BTC16, BOB13, BVB19, BLL18, BKCP09, BLX16, BKB08, BZD16, BAZ09, BBB16, Bou13, BAZ18, BCC+01, BLW16, BWEB14, BJ17, BHP14, CMW02, CRB+17, Can06, CYD+15, CSL+18, CA15, CC10, CRC+15b, CR12, CJC+18, CWL03, CA06, C07, CWW17, CLW+18, CWW15, CXT+18, CVK15, CM06, CKC09, CW07, CL07, CSB+16, CM02,
CGB+06, CNPP09, CRGR+12, CMT13, CLX+12, CDF+17, CMD17, DD17, DVP+06, DCJ12, DHV03, DBR13, DBGA16, DXG13, DRS+13, DLX+16, DCY+08, DG11, DGR+07, DAC12, DPM17, DHM14, DHIT+13, DPS07, DHI+17, DAC+18, DH13, DJ19, Dra15, Du18b, Du18a]. based [DRF07, DT15b, ER18, EPB14, EMET14, ET09, EFY17, ECP18, EAGVBVD11, EFA+17, FE17, FXX16, FIO15, FJZ+14, FPC15, FAPC16, FVRM15, FH13, FN13, GS08, GYM14, GDJ16, GED+18, GMLT17, God12, GIVR+10, GS04, GE08, GIL17, GBG+14, GYS+17, GHB+06, GL17, GPZ04, GKP+09, HFDJ10, HZC+14, HZHP09, HXY+12, HAJ16, HLF+17, HR18, Hoh06, HCS18, HSHT14, HM16, HLL+15, HLCW15, HZ1D18, HWR03, HFTQ13, HGB+08, HW16, HCK+08, HY12, JC07, JKM+17, JNUH17, JBL15, JQSP08, JJGL13, JML+16, JR19, JZ1L06, JWW17, JLL18, JS17, JPWH02, JSS07, KC15, KHN06, KGCT12, KR15, KAA19, KB17, KHHC13, KHL17b, KQ1R+14, KJS+15, KKVZ15, KZY15, KZY+18, KKS12, KABD07, KR15, KRI+13, KPS14, KFD18, KR11, KBB+15b, KSC12, LCN+12, LSXL17, Lan17, LGL16a, LLN+14, LHL10, LM08, Li04, LLH+09, LWC12]. based [LMKT13, LDZ+14a, LLL15, LDZ+15, LLG+15, LXX+15a, LZY+16, LWYM16, LWY+16, LCT16, LGQ+17, LH17, LZW17b, LXYC17, LWZ+17, LFZ+17, LFWS15, LGL+17, LB13, LLHL15, LHT+09, LWL11, LZC14, LLX15b, LGG16, LJJ+17, LJ1L+18, LLC+18, LCH18, LLS18, LAL02, LSW07, LPC+14, LZZ+15, LC14, LHXY08, LXL+09, LSL+17, MLS+15, MWPL15, MRY+16, MY17, MYE18, MB17, MRMC15, MS17a, MS18, MHL+05, MZ06, MMO+16, MB12, MMMP01, MSST15, MZW+16, MK15a, MTT15, MGY+10, MKAG14, MCCD18, MRJ+14, MML+17, MB14, MWL+15, MW18, MJS19, MT18, MLY17, MW18, MNL15, MSG10, NIU17, Nam19, NNC+07, NNNV09, NC05, NMB03, NJ05, OK08, OLG+15, PWG+14, PSSR14, PC14, PYKL16, PCsH18, PRC16, PGL+17, PDA17, PWH18, PLW+18, PCF+17, PA1+17, PSIC18, PCT04, PD16, PPC+15, PSH11, PC17a, PSS+18, PK17, PSC+17, PB16, PCD15, PS11, PGW+08, PME+08, based [PJW+14, QLLS15, QXXZ16, QS1L18, QZDJ16, QML+17, RGAK15, RBO+02, RG19, RR15, RLZ15, RMCN+07, RGCC15, RMSF+12, RIWS17, RKW17, Rj19, RCLSK16, RG17, RHS17, RCT03, RRWS08, SBJ14, SACRG18, SS17a, SAB15, SBSS07, SRM+15, SPR+07, SD15, SS15a, SRL13, SWS+18, SSB17, SN18, SZ18, SSIH19, SAC04, SIR17, SPB10, SHC+16, SIO16, SW+16, Soo16, SLM04, STL+15, SWD+17, SW17, SC01b, SS17b, SW12, SG18, TAMC19, TJ17b, TZYL13, TQL+14, TBL15, TLY+15, TYT15, TLX+17, TCP+05, TFG+12, TD1+18, TV14, TBR10, TB18, TB18, TB18, VS02, VDPC03, VD09, VR15, VTD1+16, VFAD18, VO15, VvSI07, WY12, WZ04, WKT08, WDDL08, WRC09, WDDL10, WRLS12, WJ12, WZJD13, WZ1L13, WCR+14, WZS+15, WZ1C16, WFHT17, WLFX17, WWD+17a, Wan18a, WDQ+18, WF18, WZLL18, Wan18b, WFKS18, WJP14, WBC+17, WZ1Z12]. based [WK07, WJKS18, WCLH12, WRDZ13, WWD+17b, WT18, WXL19,
XHH12, XWFH08, XDL\textsuperscript{+}11, XWD\textsuperscript{+}12, XBZ10, XZZ\textsuperscript{+}16a, XZJ11, XZH\textsuperscript{+}16, XDP18, XYSW18, XXY\textsuperscript{+}16, YCZ\textsuperscript{+}13, YWL\textsuperscript{+}17a, YWLQ18, YTF\textsuperscript{+}01, YHK09, YP10, YWC11, YLWZ18, YTL19, YT15, YBZ\textsuperscript{+}15, YKD\textsuperscript{+}15, YLZ18, YZXW17, YLEB14, YZ10, YHH13, Yu18, YYL\textsuperscript{+}12, ZK08, ZF18, ZW09, ZP06, ZCC\textsuperscript{+}06, ZEB10, ZLLL11, ZTM12, ZJL13, ZIC15, ZLH\textsuperscript{+}15, ZYW\textsuperscript{+}16, ZQD16, ZZ18, ZMYA18, ZBZ\textsuperscript{+}18, ZHC\textsuperscript{+}18, ZLH\textsuperscript{+}18, ZHJ19, ZM13, ZLT\textsuperscript{+}16, ZFT08, ZACG16, ZWW\textsuperscript{+}18, ZSS18, ZBZH11, ZFJ16, ZCXH17, ZQW\textsuperscript{+}17, ZXXN06, ZZZL17a, ZCS06, ZWMT12, dOOO\textsuperscript{+}12, dMd\textsuperscript{+}17, vHKT\textsuperscript{+}11, vNMW\textsuperscript{+}05, FHH15, HZC\textsuperscript{+}14.\ bases [NZKK11]. Basic [ZX11, CGGH17, SKNH09].\ basis [DLM13]. basis [CQXW14, JLQ\textsuperscript{+}17, KF01, SPZ\textsuperscript{+}10, ZXX17]. bat [AMS17].\ batch [LWLZ11, MHRI14, SRS16, SAB15, SVN12, VLMPS18, WCLC13]. batch-of-tasks [SRS16]. Batchsubmit [MHRI14]. bathymetry [MMG18]. battery [CLH13]. Bayesian [NJM19, WZT11, WZJD13]. BC [LBY\textsuperscript{+}16]. BDS [HYQ17]. BDS-IDC [HYQ17]. be [PCL17, EMS11]. beacon [AAF17, WT18]. beacon-enabled [AAF17]. beaconless [JWZ13]. beamformer [PL15]. Bear [ON01, ON02]. Bee [MS17b, KC15]. bees [DBH\textsuperscript{+}17]. before [JW10, LSS15, PWJ10]. behavior [AAF\textsuperscript{+}07, CCS14, GGR\textsuperscript{+}10, GYS\textsuperscript{+}17, KL02, LF15, MSV\textsuperscript{+}10, RS16, SS18, YWL\textsuperscript{+}17b]. behavioral [IAE11]. behaviors [DJ19, GBXL17, XLL\textsuperscript{+}18]. behaviour [ADK\textsuperscript{+}17, MDX14]. beings [GQR16]. belief [KHL17b]. Bench [SPQ\textsuperscript{+}17]. benchmark [BCD\textsuperscript{+}10, BG04, CLL14, DS02, EHSU07, GPW03, GPW05, KB18, MvWL\textsuperscript{+}10, SCS17b, SPQ\textsuperscript{+}17, DLP03]. Benchmarking [BSB\textsuperscript{+}03, GFG\textsuperscript{+}09, MP05, BCM\textsuperscript{+}07, DMR\textsuperscript{+}07, ZS19, ZYL10]. benchmarks [KH\textsuperscript{+}11a, NNN020, SZT18, SCC\textsuperscript{+}10]. benefit [Zen19]. benefits [SIRP17]. Best [CS09, PB07b, PK08, GRGP12, MS17c]. better [LWW06, VAC\textsuperscript{+}07]. between [Hun15, I`ABE11, JPS17, KHW05, Kri13, RG18, SZT18, WDQ\textsuperscript{+}18, XZZ\textsuperscript{+}16a, XLYX11a, ZYL10]. BF\textsuperscript{+}2 [AFR09]. bi [KSPM12, LOKW\textsuperscript{+}10]. bi-criteria [KSPM12]. bi-material [LOKW\textsuperscript{+}10]. Bias [GC18]. Bias-Sentiment-Topic [GC18]. bidirectional [LWG\textsuperscript{+}15]. Big [BTCB16, BM16, LWL15, LLLyL16, LLL16, RLC16, SG19, APHB16, BA18, BLXE19, CY15, DM15, DS17, DL17, DSH18, DXM\textsuperscript{+}17, ESG17, HWQ\textsuperscript{+}16, JLQ\textsuperscript{+}17, LTL\textsuperscript{+}17, LYF\textsuperscript{+}17, Li18, LGL\textsuperscript{+}17, LBY\textsuperscript{+}16, LMX\textsuperscript{+}18, PCsHL18, PIGK16, QWW\textsuperscript{+}16, QZYZ16, TDC18, WJYH16, WQL\textsuperscript{+}18, XAK16, XSMZ16, XFER16, XGHX15, YZXW17, ZBE17, ZBEM18, ZLN\textsuperscript{+}13, ZSS18, Zhu18, ZSI9, HYQ17, Mar19, NJM19, PSIP16, SG16]. Big-Data [SG19, ESG17, PIGK16]. BigData [ZH16]. BIGhybrid [AFG16]. bilevel [LZZ\textsuperscript{+}15]. Bilinear [LZY\textsuperscript{+}16]. Bilinear-map [LZY\textsuperscript{+}16]. binary [CL14, CUSR19, HAA\textsuperscript{+}17, LCM12, LCW\textsuperscript{+}17, LLH\textsuperscript{+}18, MPS11, PDCA17, SR17, ZZ14]. binding [DXZ\textsuperscript{+}16, SSI18]. BindMe [SSU18]. Bio [OK18, WSL15, ABG\textsuperscript{+}13, CBHTE11, CSL12, CP14, GPVdBR012]. Bio-inspired [OK18, WSL15, ABG\textsuperscript{+}13, CSL12, CP14, GPVdBR012]. bio-science [CBHTE11]. biochemical [KOK14, LTM\textsuperscript{+}14]. Biocompute
Biomashups [HSRN11]. Biologically-inspired [PCS+12]. Biology
broker [BKM+07b, GCZ+17, VBW06, AC02, ACC+07, CEM+08].

Capturing [OORVB14, SP16]. carbon [AHB+10, BBSW17, HM12]. carbon-flux [AHB+10]. card [XZJ11, XDP18].
cardiac [RCA+11]. cardinality [LLG+15]. cards [AVS+19]. caring [KF15].
Carlo [ATVL14, CC015a, GQH17, KDC17, NDT+16, RDP10, SS15c, WZJD13].
CARMEN [WHW10]. CartaBlanca [PCVZ+04, VDPC03]. case [BPT+16, BDMM+05, CMCAA17, DT01, EDB+14, EMB11, GFG+09, GPP+18, GR5+17, GIL17, HKS+12, HPS12, HCK+08, KOK14, LBTE14, LLN+14, LLH+09, MCP+12, NNK+07, NNvDA09, PRC+14, RCC17, RNAD19, RGL+15, SGD15, SvDO15, SIRP17, SE01, SLC+18, SLC+19, TMF+10, TDC18]. case-based [LLH+09, NNK+07, NNvDA09]. case-study [GPP+18].
[HGT14, BKZ+13, CYD+15, DGD16, DMW+10, FAM+18, HSM14, LLL+15a, LGY17, PLW+18, ZWH+17]. centered [AHB+10]. centers [AMA17, BB12, CRB+17, DGL+12, GLD17, JZL14, KTB17, ROQL18, SPSB19, XLQL18]. Central [WHW10]. Centrality [AMP+18, BOF15, CEB+18]. centralized [CRC15a, DKO+17, WZGL06]. centric [CN16, KSM+08b, Kri13, PBF15, SBJ+15, SSIH19, ZJS+17]. centroid [FRS+12]. century [BHJ+16]. CERE [PAC+17]. certificate
[LKP+12, HAJL16, HLL+15, KSR14, LWC12, ZACG16]. Chain-to-chain [LKP+12]. chaining [TSA+19]. challenge
[CBBC08, GH08, HSBMR08, LS14, PBD+15, MLA+08, SKS+08]. challenged [FP09]. Challenges
[YWT+12, ZQH12, BCA+10, DK07, DHC13, FBV+13, LLT+14, PHY+18, PCJ17, PCT+18, PT12, SN18, WJJ+17, LF15]. Chan [YHJ+14]. change
[JLQ+17]. changes [PWW10]. changing [SFW08]. channel [Dui18a]. chaos [MSV+10]. Character [TJD+17, ZSS18]. characteristic [KHW05]. Characteristics [LZW+17a, DAC+18, PH04, WLZ11, ZDJH18].
characterization [DOCFPJ13, HKS+12, RGL+15, SCC+10, SMS+19, dP06, vAVS12].
Characterizing [HKAC14]. Charm [BBK11]. CHARMM [NCWD+04].
Chasm [RSSM06]. check [LDZ+15, vRGNP09, LCC+03]. Checking [PNB04, BCCM16, CAC+08, HFF07, LCC+03, MK12, PAdS+17, SZR16, YGL05]. checkpoint [AG17a, Jon09, PGB03, PBB+13].
Checkpoint-on-Failure [BDB+13]. Checkpointing [LX08, dCGK06, ALYD17, BBD+14, GO18, KAL07, MJ11, MB18, RMG+10, SGV12, SK18, YCW08]. checkpointing/recovery [MB18].
Chasm [RSSM06]. check [LDZ+15, vRGNP09, LCC+03]. Checking [PNB04, BCCM16, CAC+08, HFF07, LCC+03, MK12, PAdS+17, SZR16, YGL05]. checkpoint [AG17a, Jon09, PGB03, PBB+13].
Checkpoint-on-Failure [BDB+13]. Checkpointing [LX08, dCGK06, ALYD17, BBD+14, GO18, KAL07, MJ11, MB18, RMG+10, SGV12, SK18, YCW08]. checkpointing/recovery [MB18].
Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
choice [CHZ10, CHZ12, SSMB15, WBM+10]. Chinese [HLX+16, LGJ17, ZQD+17]. chip [GGFPGB14, GA09, LLN+14, MCP+12, MST13, Pf13, RS12, SPS17, XLL+15]. chip-multiprocessors [RS12].
FLYL16, FPC15, FGZ+18, FTR15, GQH17, GQJL18, GCSB19, GMPT15, GPP+18, GCZ+17, GWVP+14, GÔ18, HKS19, HAÂWA+16, HSJ+18, HPD+15, HHPL16, IHB15, KC15, KSK19, KB17, KM13, KYM17, KTB17, KKK+19, KCK15, KBT+14, KKT13, KZY+18]. cloud [KMRT18, KSK17, LZZ+17, LWC12, LLL14, LLL15, LWL15, LWG+15, LZY+16, LZW+17a, LHHJ18, LDXC13, LW13, LQL+15, LBY+16, LHLH16, LZBF17, LRS15, LSMV15, MWPX17, MTGZ17, MYY18, MS13, MBMB18, MB12, MSST15, Mar19, MCP+12, MK15a, MTT15, MB18, MW18, MPVT17, MMG+18, MAK18, NR17, Nam19, PLY13, PYK16, PRCV16, PRD+13, PLW+18, PT12, QGZL18, QCB17, RHR13, RBP12, RBNG15, RB17, RDg11R16, RB17, RDZ13, RHS17, SIST18, ST017, SBC15, SN18, SPJ14, SPSB19, SWP17, SKB+17, SWW+16, Sool16, SMFM18, SGL+17, SKE+14, SCLK15, TCH16, THF15, TSL15, TLF17, TX+17, TY15, TB12, TV17, VCH17, WL11, WL12, WBS16, WL17, WS+18, WLZ+16, WZLQ16, WZL+17b, WDW+11, WSWL12, WNN+15, XRD+17, Xha18, XBB13, XXX15, XVH+17, XTB17, YSL+15, YLD13, YXL17, YSC+17, YZCT17, YT15, YBYZ+15, YYL+12, ZY+12, ZLN+13, ZDC15, ZNT+16, ZZ18]. cloud [ZQD+17, ZYZC17, ZFJ16, ZWLZ17, ZYLY18, dOOO+12, dMd+17, BB12, CR12, CMS17, EH18, ESG11, KBB11, KMG+18, LCW+17, MDH+16, OKO18]. Cloud-aided [WLFX17]. cloud-assisted [MWPX17]. Cloud-based [HSHT14, FPC15, RHS17, TBTZ18, dOOO+12]. Cloud-enabled [CKL19]. Cloud-HPC [KMRT18]. cloud-integration [GMPT15]. cloud-of-things [CMCAA17]. cloudlet [YZB+15, YBX+17]. cloudlet-based [YZB+15]. CloudMe [TDC18]. CloudMon [LLL15]. clouds [BB15, CTAB16, CMS17, DXM+17, EQW+18, GVK12, GYP+16, HM16, JMF09, KOK14, KSPM12, LBdM+16, LZW+16, LFWS15, LGL16b, MDB+17, MK15b, OKP16, PCGE18, PC17b, PB16, PRP+15, SM11, SFCAV16, SYMA17, SK18, TPT+18, sTN16, VGN+16, WP12, XL+17, YLR+13, YNX+16, ZZ15, ZLN+15, ZS17, ZBY+18, ZHR15, WNN+15, EMS15, HYQ17, SBP12]. CloudSim [VˇSC17]. Club [SLT+06]. Cluster [DMR+07, ACC+12, BBdS+17, CWL03, CGGH17, DSO+01, DT17, ELM+16, FHO+15, FJP+05, FS18, HWZ+15, HON04, JAA08, JCJ17, Jon09, KF01, KSC12, LGL16a, LRXJ13, MG09a, MFG+13, MSS16, NO02, PDY14, RPK08, SF16, SL+10, WJYH16, WDT18, XLQL18, YCI11, YK10, ZP07, ZY06, EER+04]. cluster-based [CWL03]. cluster-computing [ELM+16]. clustered [DMA13, GSG06, LR05, LLY07, ZACG16]. Clusterfile [IT03]. Clustering [BDY03, ASE+17, DRS+13, DLX+16, HW16, Jun16, KOO12, KPS14, LWY15, PCS+12, SS15a, SS17b, TLX+17, YZW16, ZMYA18]. clusters [AD02, BDL+15, BB04, BD06, BHBD13, CZL+17, CFP+03, DWC+15, GKS14, HR06, ITK09, IQOv1G13, KB13, LJJ+17, LSP15, LKYS04, ML19, MOF15, MJ17, MVML11, MWLS11, OLG+15, PSRR14, PKB03, PSS+18, PSJ13, RPM13b, RCLSK16, RHL+18, SV09, SdSL18, SS15c, TKZQ17, TFG+12, TMG03, WLW14, XDJL18, YWC11, ZSZ15, ZCL+18]. CMS
Communication [ABF+17, CDN15, DWC+15, GPVcBRO12, NRR15, SRM+15, ALYD17, AD02, BBPV05, BBCG02, BBK11, CHPvdG07, CS17, DBR13, DPST06, DBB+16, DXHL17, ETR+15, GKPT13, GRS06, HKRR08, HLHc12, JKZ03, LZW01, LCFl05, MG09b, MPT07, MMS+01, NMKB03, PH12, PCL17, QXJS17, RIFR10, TTD+11, TNI15, TKA+02, TV14, TW07, TAI+11, UGM18, ZJKL10, ZLA+15, ZWMT12].

Communication-aware [CDN15]. Communication-hiding [DWC+15].

Communication-induced [ALYD17].

Communications [Ano15a, MLY10, MN10, BC16, CLH13, DZC16, FA18, FN13, Fox12, MRL16, MFGE19, RTET15, SSZ13, ZHM+17].

Communities [EMB11, JJGL13, JWY+17, MRY+16, PFC+09, RWK+02, ZX09].

Community [WD07, vLRF+02, BSC+15, BDI+07, CWWX17, HLF+17, LZW+15, SFCAV16, WDW+15, WBB+07, Yu18, ZWS18, ZXX17].

Community-based [HLF+17]. commuting [AKG13].

Compact [AMB+17, IHA+15, FZ17]. company [YWLQ18]. Comparative [SSE19, EQW+18, HPVRPF14, LLN+14, LL18, NJ15, PBF15, SAOKM04, SBC15, SCBH09]. compare [DHM14, KW01]. compare-and-swap [DHM14]. Comparing [GSB+12, KF01, KSG11, LKJ03, SHT+17, NTK08].

Comparison [GPS+07, LF17, PH12, BB13, CEB+18, Dra15, Fer13, GPW05, KIM+03, KHWO5, KR04, KC06, LCM+17, MKIO04, PGB03, PSHL11, PRS01, RBDI17, SM02, SZT18, SCRVI11, SSK11, TMF+10, TZ16, ZKA07].


Compiler [CCC12b, KL12b, RMCA12, TJF14, TXY+16, WMP+09, BAG17, FE18, LHC+07, LYL07, MCAB+02, MPL04, RMM+10].

Compiler-assisted [RMG+10]. Compilers [Kni06, TFD07, GE06, MSP+19, SM02, YTF+01, KB12]. Compiling [BB04, BK05, CCC+15b, NN02]. completeness [ZX11].

Complex [BCD+10, BFM+10, BDY02, CWW+18, Cog04, CMD17, DJM12, DXHL17, Kar14a, KSS+17, LHL10, RW10, RHBK11, Wan18b, ZLa+17].

Complexities [MvWvM+17]. complexity [CL14, FAM+18, HZHP09, HK02, OKM10]. compliance [FGG+18].

compliant [dFMSPSW06, XRD+17]. Component [Ber07, JPH02, JSS07, SBBC07, Zho06, ALKJ16, AKM+06, CGB+06, DGR+07, EJF+16, JLCA07, MST+05, MB12, PFC14, PPC+15, PB16, SARL13, SN012, TMR+07, VDPC03, WK07, XWFH08]. Component-based [JPH02, JSS07, CGB+06, DGR+07, MB12, PPC+15, PB16, SARL13, VDPC03, WK07, XWFH08]. Component-oriented [SBBC07, JLCA07]. Components [JZZL06, AFR09, CGGH17, GBSHA01, KL12a, LSW07, PXY+07, QH10].
RE03, RBO+02, SPLO06, SGD+18, SLB08, YBC+07. composable [YL16]. 
Composing [EABVG14]. composite
[CERM19, GYM14, RCKV12, ZLY+13]. composition [CHH18, DCP+17, 
EAGVBD0911, KL12a, NPTT06, Pre01, RG18, XDL+11, XWD+12, YLD13].
Compositional [DAB09b, MSS16, RG18], compositions
[LLX+15a, PPBB14, SGD15]. compound [SAP16]. Comprehensive
[BDP+14, MRP+18, XLP+17, JAA08, VSK17, dP06, dMd+17].
compressible [WJLD09]. compression
[CMMS17, CXC+18, CS13, LSE+13, UMD+13]. Compressive
[JyLdZ+18, PHY+18]. Computation [Du18c, FH01, ABDP15, BP17, 
CP14, DFTHD18, ETR+13, EJ15, FLMRC02, GSV03, HZHP09, JVP118, 
LRLY17, LG08, LLSR19, LSP15, LPA+08, MB16, NRR15, PSCK+15, 
PY+07, Riz04, TBW13, WLWX14, WLWX16, WSRM12, ZP07, ZZ14, 
ZKJ+07, ZZL+17a, ZZL+17b, vRKS03, Ano06]. computation-offloading
[JVP118]. Computational
[BA04, DDE+12, HBH02, Mar05, Qui11, QFG14, QFT14, RBBH02, 
TCDMR+17, vds06b, AUHWJ19, BF+06, BPD06, CAD+18, CNK18, 
CKC09, CCP+15, CDP17, DBR13, DS07, DMD16, FAM+18, FP02, FMS08, 
KV12, KBG+09, KKKW15, LMH+14, MP02, MAD+S+10, MPSGD14, 
MTVF14, MD02, NAP+07, PW12, PG03, PB07a, PYY02, PCC17, PV15, 
RCB03, SNH15, Shl15, SR17, TP14, TRH+02, TV14, VDL+15, WZGL06, 
YHK09, YLC11, YTL19, ZSL+10, vHKT+11, vds06a, GTGT11].
computationally [GPV09, RMCN+07]. computations
[BCI+09, DIK14, DKJ13, EFY17, GGV14, GDMT+12, GEBA17, GS04b, 
KFD18, LSXL17, MCP+12, MRS08, NNH+14, NDL17, OCC+05, RMCA12, 
Rav16, RLGM16, RCA+12, RPRG17, SAP16]. Compute
[MDH+16, BAC+15, MOO17, SKNH09, VLMPS+18, ZWW14]. Computer
[BM04, GAM17, No05, SNM15, Wu18, ZCW+18, AKW04, BHJ+S, 
CPG+16, Che18, CPA06, DMMW+10, DCA17, FBY+17, FJG+13, GQ04, 
LDGvh13, LHC14, LXL15, MCP+12, MO02b, NSSAK13, NASSAK16, 
PSJM13, RGAK15, SRM13a, SS18, WAD12, WZC+18, ZDC+09, HF17], 
computer-aided [LGdVH13]. computer/digital [LHC14]. Computers
[Kni06, TFDA07, BCM+07, BCC+05, DSO+01, ON01, ON02, FVZ+04, 
RVRD10, RMCN+07, RSTV05, RLRG15, SSK11, SS15c, VdSK+05].
Computing
[ACF+07, Ano15a, ACO02, BJ18, Ber07, BRCV16, CR13, CM07b, FZ07, 
GM10, GPPR17, IBa+A+02, JX06, KBI2, LV12, MLY10, PHK10, PW05, 
RR11, SN06, SCNH07, SNL12, Tho07, VC16, ZYH09, ZQH12, AaBT16, 
Akt18a, AML+S, AdSCdR+19, AMGCC17, AJY+S, ADF+S, Ano06, 
ATT17, AKM+S, ABG+S, BYN+17, BGS14, BTCGL17, BFR05, BHM+S, 
BCX15, BCD+S, BLX19, BHQ15, BZD16, BKM+S, BDG+S, BPT+S, 
BBW+S, BXQ17, BHK12, BPD06, BAGS02, BM02, CGBN17, 
CLQ+S, CL13, CIJZ10, CI15b, CLS14, CAG+S, CL07, CMB06, CT16, 
CN02, CPSP17, CBP+S, CGB+S, COdD+S, CMD17, Dab09a, Dam11, 
...
DD16, DRS+13, DED07, DWC09, DM15, DS17, DSH18, DKL13, DCG15, Eb18, ELM+16, EDBS08, Erw02, ETR+13, EQORS19, FJP+05, FJ05, FMS11, FMT16, Fox12, FB16, GBFR10, GQH17, GKSB14. computing [GKG+04, GAM17, GBMM15, GS04a, GWC+11, GLD17, GVP+14, HKS19, HSM14, HSJ+18, HqoS11, Hwr03, IHB15, JKL16, JCK+13, JLL18, JH19, JXW02, KDC17, KBB17, KM13, KMJ+17, KTM+17, KSM+08a, KKT13, Kri05, LMOT10, MTGZ17, MHJH16, MS16, MS17a, MS17b, MS18, MB12, MK15a, MDH+16, MM17, MSB17, MB18, MJD15, MJS19, MMG+18, MM10, MZK16, MGR02, NM19, NC05, NJ05, OISS07, PW12, PYKL16, PRD+13, PIAH12, PC14, PRC14, PK17, PT12, QZDJ16, QGZL18, QL10, RRBB11, RHRB13, RVD+12, RBP12, RSBG15, RSSM06, RHZ+17, RCA+12, RBB+09, RND19, RB17, RLC16, RCLSK16, SRS16, SM04, SL10, SGI, SBC15, LSsCY17, SRAG16, SFH13, SFT15, Sso16, SRL+14. computing-based [MS17a, MS18]. conception [PBD+15]. Concepts [DMW+10, SP16, Sch04]. Concurrency [Ano06, FH01, TH10, BVGVE11, BMS+09, BT04, CAC+08, CM02, FR02, HL06, Hoa10, LSW07, TRW07, WJH06, dCHMJ12]. Concurrent [AFGL09, BHM+12, BH05, KFD18, SW09, Tan12, AKG13, ACGG06, ABS16, ADK+17, BL04, CL10, CGIP16, DZM+15, GM04, IR11, JK10, Kar14a, Kar14b, KM+03, Ku14, LPSF11, LDZ17, LS07, MKIO04, MISV13, MS05, MGV16, NRR15, RCKV12, SSZ14, WDD13, WCC04, WO14, WL11b]. Condensed [BIK+11]. condition [IR11, SWL17]. conditional [FBS16, SKB+17]. conditions [LBDS15, LFG05, MFG19, SWH08]. condor [LT+14, TTL05]. Conference [AF14, Du18c, FZ08, WDM14, Wu18, CL13, DR15, GWD15, PDD14, PCC17, UA18, WDGK15, WT15, Fox01, Fox05, HF17]. confidential [XBW+15]. Configurable [SRF13, CGB+06, GKPT13, WZ04, YDL09]. configuration [AMVOSG17, BDP18, CR10, BSHEA01, KKTHL13, KAM11]. configurations [PTL+16]. configured [STWSP12]. Configuring [ERZ+11, GCSB19]. confinement [PNB04]. conflict [BAS07]. conflict-free [BAS07]. conflicts [HDX+17]. conformal [QSZL18]. Conformance [SKR17]. Confluga [DT17]. Congestion [LD+15a, WDW+15, ALL+15, BVB19, WMA07, YEG+17b, YEG+17a]. Congestion-aware [WWD+15]. Congestion-free [LLC+15a]. Conjugate
[JWW17, MDL+10, SK09, SSK11]. connected
[BF07, MRY+16, MvWvM+17]. Connecting [MH07, BSP11]. connectionist
[YTL19]. connectivity [CNPP09]. conquer
[CCW06, NDL17, YA04, ZLT+16]. consciousness [LLYL09]. consensus
[BFG01]. conservative [BgdCCA11, DVB14]. consideration
[TSA+19, XBW+15]. considerations [FA18, KBH+15b]. considering
[MS17b, TYHL12]. Consistency
[OC501, ADM06, ANTZ09, CY07, HWY+17, VSK17, WNT02]. consistent
[PQP13]. consolidation
[ACG15, ACG17, AMB17, BB12, BB15, LBdM+16, ZBZ+18]. Constrained
[XZT+11, EQW+18, KSR14, LIT10, LZBF17, MHLG+05, PCGE18, QW17,
ZWSX19, ZH15, ZLA+15]. constraint [DAC12, GAE+06, LWFL14, LGL16b,
LNCY11, MSB17, RO90, SMH+19, SKK02, TLF17]. constraint-based
[DAC12], constraints [ACG15, ACG17, AAE+09, CY07, Cuz11, Hun15,
KZY15, LLG+15, MS05, RIWS17, TKK+11, TCDMR+17, XZL+17].
construct [CCCC06, zGWXT09]. Constructing [AVS+19, WKL+11, ZLC15,
CLL14, KRW17, RR15, WCR+14, XZJ11, ZM13, ZZ11]. construction
[GCO+14, LFZ+17, LCW+17, SBBE07, SN16, WXY10, WBO16, YWL+17a,
YL+13]. consuming [ZQD+17]. consumption
[ADI+14, ADMQ014, FMT16, GYP+16, HLB10, NSSAK13, NSSAK16,
RR15, dRRdCRR16, SB18, XXL+17]. contact [XM02]. container
[BTCGL17, BPdM06, GKP+19]. container-based [BTCGL17]. containers
[EC19, MAK18, WJKS18]. Contaminant [YGO17]. contaminants
[VLF+13]. Contemporary [SNM15]. Content [Zic12, BM10, CCK+17,
CHZ10, CHZ12, CDF+17, JSQP08, LNKZ08, MWPL15, MWPX17, PF12,
PZ08, PZZ10, RSPV17, SGSC08, TSBR10, YQL+15, ZW09].
content-based [JSQP08, MWPL15, TSBR10]. contention
[BBK11, DBH18, DHM14, WYQ+13, XCL09]. Context
[And13, BKS18, CAC15, IHA+15, CMT13, DHC11, DFC08, HPS05, KR15,
LS05, LCMY13, PAdS+17, Sod05, ZLY+13, ZDC+09]. context-[DFC08].
Context-aware [And13, BKS18, IHA+15, DHC11, ZLY+13].
Context-awareness [CAC15]. context-bounded [PAdS+17]. context-free
[LS05]. contexts [DPST06]. Contextual [GAE+06, KM13, PPdSTB17].
contextualization [PLJ18]. contiguous [PMAL14]. continuity [CN16].
Continuous [DDM16, LWYM16, LCT16, TMP16, TB12, TSKM18, ZSZ+14].
contourlet [PJW+14]. contours [PLL14]. contracts [BWEB14, Dam11].
Control [CN16, IABE11, NSSAK13, NSSAK16, AFG09, ALZ11, ALL+15,
ACG15, AFG+05, BCD+02, BEQOR13, BMS+09, BT04, BHA+15b, BJC17,
CL08, CJC+18, CLH+16, DMA13, DZ13, FJ05, FR02, GBSHA01, IS10,
JSG17, Kar16, KKK+19, LM08, LXP+12, LZL+17b, LLLS18, MLL+11,
MLG15, MTGZ17, MABP13, SARL13, Sin10, SW11, SW12, TJSF14, TDM+19,
sTzNL16, TBK+15, WMA07, WLW11, WYW+17, XCL09, XHH12, YBO10,
ZCC+06, ZYN+07, ZZ18, ZWX16b, ZCXH17, ZZZ+18]. control-based
[LM08]. controlled [KBB17, RCB+04, TV14, ZMZD11]. controller
controllers

Controlling

convection

convection-dominated

converge

convergence

conversations

converting

convolution

convolutional

Cooperation

Cooperative

Coordinated

Coordinating

coprocessor

core

corpus

Correct

Cos

Coupled

Coupling

course

counter

countermeasure

countermeasures

counting

coupled

Cost

cost-aware

cost-benefit

cost-driven

Cost-effective

cost-efficient

count

countermeasure

countermeasures

counting

coupled

Cost

cost-aware

cost-benefit

cost-driven

Cost-effective

cost-efficient

count

countermeasure

countermeasures

counting

coupled

Cost

cost-aware

cost-benefit

cost-driven

Cost-effective

cost-efficient

count

countermeasure

countermeasures

counting

coupled

CPSocio

CPSocio-SLN

CPU

Correct
VLJ17, WLLL16, WDG+14, WJYH16, WWLD18, XMJ17, ZDX12.

CPU-cores [DXZ+16]. CPU-GPU [EOD+19]. CPU-MIC [MJD17].

CPU/graphics [GGV14]. CPU/multi [SAP16]. CPUs [JdM12, LC17, RCLSK16, SEF+14]. crawler [DH13, GDJ16, CMS17].

crawling [PZZ08, PZZ10]. CRAY [PSG03, BS04, BB13, BC¸G14, BWHS18, Cla18, DAC+18, HCD+18, Hic18, KB18, LKJ03, LSK04, MWRK18, MH18].

Creating [CDH+15, CS15, DEF08, OGA+06, RBO+02]. creation [PLY13].

credibility [AAQAR+17, ZW09]. credit [XDP18]. criteria [KSPM12, SVS+08, WJ12]. criterion [TJ17b].

Critical [HL13, WK12, FAPC16, HAN19, LL10, MWPX17, QML+17, RS12, SDH+17, ZQW+17, LWC17]. Cross

[GRSB09, HM16, WRLS12, YLL+18, ZBC+07, ASE+17, DCJ14, ET09, GW15, HKA+15, LPG+14, MD02, XJJ11, YLD13, ZDC15].


[GRSB09, ASE+17, LPG+14]. cross-Grid [ET09]. Cross-layer

[WRLS12, YLL+18, HKA+15]. Cross-organization [ZBC+07].

cross-platform [MD02]. cross-realm [XJJ11]. crossbars [LLN+14].

crossed [WLQL16]. crossing [CZQ17]. crowdsensing [SWLJ17].

crowdsourcing [LYF+17, WJJM17, XZH+16]. crowdturfing [LNBL17].

Crunching [GTL06]. cryptanalysis [WYL14]. crypto [CLH+11].
crypto-core [CLH+11]. cryptographic [ABDP15, OO18, QZDJ16].

cryptographically [HIJM+11]. cryptography

[BOB13, BBB16, NLYZ12, OK18, OTO18]. cryptography-based [BOB13].
crystalline [XBB13]. CSC [LXP+12]. CSE2015 [PCC17]. CSFS [HYX05].

CSP [MS10]. CTL [BCCM16]. Cube [EJD15, WLQL16, AS15]. cubic

[PMAL14]. CUDA [BY12, BAG17, CLYC16, DCD+14, ER12, FJZ+14, GWVP+14, HP11, HLO+16, KVGH11, KPS14, MMO+16, PAdS+17, PGdCJ+18, PSHL11, TNIB17, TVCB18, VLMPS+18, ZZZ+15].

CUDA-quicksort [MMO+16]. CUDA-streams [TVCB18]. CUG [MH18].
cultivating [HAN19]. Cultural [PCJ17, GIL17, PC17a, YGW17].

cumulative [CH04]. curbing [LNBL17]. currency [DCJ14]. Current

[TFDA07, DiM07, EDB+14, GKS+14, HFR+17, MG09a]. curve

[BBB16, LBH07]. custom [BA18, PZ11]. Customer [JZL15]. customized

[CSMB15]. customizing [FRKS12]. cut [RNJM17, SS15a].

cuThomasBatch [VLMPS+18]. cuThomasVBatch [VLMPS+18]. Cyber

[SZ11, ANCA19, DZW+11, GQH17, GOLL17, LCC+18, WWL+15, ZX11].

cyber-infrastructure [WWL+15]. cyber-physical

[ANCA19, GOLL17, LCC+18]. CyberGIS [HLL+15, LPW15, PWC+14].

cyberinfrastructure [BFG14, CW07, HLL+15, IUCH+17, KH+17, LGD15, MvWvM+17, PRC+14]. cyberinfrastructure-based [HLL+15].

cyberinfrastructures [MRJ+14, PSC+17]. Cybersecurity

[FGG+18, GQH17]. cyberspace [LNG+16, LNBL17].
cycle

[KD10, NQL+17]. cycle-scavenging [KD10]. cyclic [RS12]. cycling
[CGKW13]. cyclotomic [CL14]. Cyclotron [KD10].


Data [ABB+15, CLT+16, CXT+18, EPB14, GSP04b, GPZ04, HYQ17, KPS14, Lan17, Ly14, MLS+15, Mar19, MP04, PJ18, PB07b, PK08, PS13, SG19, AaBT17, AKK+07, AHB+10, AMGCC17, ANPR16, AC08, APHB16, ADM06, AMAB17, dRADFG17, BA18, BA19, BC16, BDG08, BTCB16, BCF12, BM16, BLIXE19, BB12, BMPP17, BDMM+05, CMCAA17, CEH+06, CRB+17, CV07, CYD+15, CLNR18, CBHTE11, CGBNM17, CY15, CT12, CCSS10, CLH+16, CBQ+11, CFV+08, CT11b, CTP+15, CTAB16, CM18, Cuz11, CS13, DCG11, DIM18, DFLNP07, DLX+16, DGW16, DIK14, DCY+08, DGL+12, DPK10, DZJ+15, DDF+17, DM15, DZC16, DS17, DL17, DSH18, DTM+17, DS15, DYW16, DA15, EN19, EK19, ESG17, EJD15, EJD17, FVLS15, FAM+18, FAB+07, FNI17, GM17, GLM+16, GD07]. data [GvDHS12, GTL06, GKP+09, HMFK15, HVM+15, HKA+15, HAAWA+16, HZP09, HWQ+16, HAJL16, HR18, HCG07, HWZ+15, HLB10, HAV+13, IA11, IABE11, JCP15, JLI+17, JFI+08, JKL+17, JLL18, JZL14, JZL15, KTB17, KM14, KOOB15, KKL06, KTZ+18, KC18, KCZ+05, KB13, KB18, LBOE18, LSE+13, LSS005, LL00, LTL+17, LPH09, LLLJ14, LWF+15, LCF+15, LLL15, LZY+16, LGY17, LRLY17, LHHJ18, Ll18, LFWS15, LGL+17, LLLyL16, LWL15, LWLZ11, LPW15, LBY+16, LHLH16, LXW17, LLI+17, LM+18, LLLS19, LMOT10, LPG+14, LLL16, LGD15, MWW+13, MMW+16, MY18, MII+18, MKH+18, ML19, MTT15, MBG+17, MRS03, MWRK18, MISV13, MCBB14, MR+18, MCXP15, MGG+08, MWHW16, MS+14, MFGE19, MLBV12, Nam19, NCD+08, NDT+16, OOTK01, OQ18, OHJ13, ODB+18, PCsHL18, Pat08, PDY14, PLW+18, PHCR09, PC17b, PQQP13, PIGK16, PDMS+12, PS07, PXY+07, PRU14, QXXZ16, QWW+16]. data [QGZL18, QZYZ16, ROQL18, RBT18, RKS02, RLZ15, R01, RLC16, SACRGL18, SIST18, SK04, SGD15, SADB+16, SBJ+15, SSSH19, SPBS19, SoVM16, SRAG16, SBMT07, SB18, SKA+14, SCV+08, SWZ12, SLC+18, SLC+19, TJK16, TTV08, TJ17b, TJ17a, TZZC15, TDC16, TCDMR+17, TC12, UMD+13, VSK17, VSI11, VBW06, WWS+12, WLL11, WSL15, WYS+15, WJMY16, WQ+16, WYBS16, WYZ+17, WMC17, WQL+18, WFKS18, WBC+02, WBC+17, WZL+17b, XCH14, XPS+15, Xha18, XAK16, XSMZ16, XYER16, XZH+17, XBB13, XLHT17, XXX15, XDJL18, XGH15, XLQL18, YHCH10, YWY+10, YDB+13, YXL17, YRI15, YZK17, YNX+16, YYL+12, ZBE17, ZBEM18, ZLKK17, ZLN+13, ZZ+14, ZZ15,
Detection [AMSS15, SLV12, YWL+17b, AWR17, ABK+18, AMP+18, BA18, BTCB16, BMPP17, CRB+17, CCC06, CYD+15, CGI17, DLJ15, DDF+17, Du18b, ECP18, FRKS12, GF07, GRTX18, HDDG09, HSJ+18, HCS18, JQ+17, JK+15, LLI+15, IWT+16, LGQ+17, LZL17a, LL18, LZJ+18, LGQS12, LML+18, LZC+02, MW18, MPVT17, MM+17, PFC14, PVCS18, PDCA17, PS07, RS16, RLZ13, RG17, SL18, VRDTB+16, WL11a, WZJD13, WDQ+18, WF18, WBC+17, ZBZ+15, ZWS18, ZXX17, ZLZ+17, ZLW+18, ZLQ+18, ZWW+18]. detections [Qi17].
detector [EZJ+18, JK+15, YDL09].
determination [MJL01].
determining [FOTW04, Riz04].
Deterministic [CDA09, BB12, SSMB15].
develop [SdSL18].
Developing [RHZ+17, SRTG+07, YAA07, LLL+14, MW18, MPVT17, MMB+17, AMP+18, BA18, BTCB16, BMPP17, CRB+17, CCC06, CYD+15, CGI17, DLJ15, DDF+17, Du18b, ECP18, FRKS12, GF07, GRTX18, HDDG09, HSJ+18, HCS18, JQ+17, JK+15, LLI+15, IWT+16, LGQ+17, LZL17a, LL18, LZJ+18, LGQS12, LML+18, LZC+02, MW18, MPVT17, MM+17, PFC14, PVCS18, PDCA17, PS07, RS16, RLZ13, RG17, SL18, VRDTB+16, WL11a, WZJD13, WDQ+18, WF18, WBC+17, ZBZ+15, ZWS18, ZXX17, ZLZ+17, ZLW+18, ZLQ+18, ZWW+18].
developments [DDF+15, SFT15].
development [FBH+01, KSN16, KHZ+15, MBB04, MTVF14, Nov02, SFLS04, YLEB14, BR10, DCY+08, DFC08, FABE11, FPC15, HCC+15, KA11, LGD15, MO02a, MGR02, PGP+10, PSW11, SKK01, SKR17, VFAD17, VS15, vLRF02].
developmental [DDF+15, SFT15].
development [DDF+15, SFT15].
deviation [WDQ+18].
deviations [RVRD10].
Device [TTD+11, BR10, CEB18, GIVRC10, KKK19, MPR04, WWL17a, XHH12, ZHM17, ZWW14].
device-oriented [KKK19].
device-to-device [WWL17a, ZHM17].
diabetic [ZBZ+15].
diagnosis [CMW02, DFH10, LM07, XYL18, XJZ13].
diagnostic [MKB04].
diagonistics [ROA07].
diagonal [XLL+15].
diagrams [WC14].
dialect [Bac03].
difference [OFR+17, PSCK+15].
differencing [MWHW16, PH12].
different [Boe12, GMVRS15, GCZ+17, MLS+12, RVVPD+17, WMA07, ZWZ+18].
Differential [MJS19, BJ01, PIAH12, RLVRG+14, TKB06, TCSBM17, Wan18b, WYL14].
differentiated [YESG+17b, YESG+17a].
differentiation [WYYQ+13, vKEL10].
Diffie [LZC14].
diffusion [ˇCSMK17, ZLAA+17].
Digging [DPS16].
digital [ASS08, CL01, CNAQ18, DLM13, KHF+17, LHC14, lSsCY17, TGS14, VYK+10].
digitized [DKMM14].
dilatational [HTR10].
dimensional [AVS+19, AR19, CWYX17, DMC+18, DCCZ18, DP19, GSB+12, HLCW15, JQL+15, JN03, JdM12, KOOB15, MMW16, MZJ17, MABP13, Ogi02, SWZ12, TBK06, Wan18b, WCH+07, ZHJ19, ZM13, DHT+13]. Dimensions [AvdADtH09, HP11].
directed [AV07, BdL06, PGL+17, WJ09, ZLF19].
directed [AS17, AR19].
directions [PMG+15].
directive [NO02, RG19].
directive-based [RG19].
directive/MPI [NO02].
directory [JCP15].
disasters [GRTX18].
DISCOVER [MMMP01].
Discovering [GD07, GBXL17, SKA+14].
Discovery [KKW+14, LHXY08, AMRW06, BM16, CLTT13, GZG+16, GFG+09].
GWVP$^{+14}$, HVM$^{+15}$, LKKL16, LDXC13, LAM$^{+09}$, LLX15b, MLS$^{+15}$, MTHK14, ORDG15, OBD$^{+18}$, RCB$^{+04}$, RCXS09, RSTV07, SGG07, TLP$^{+18}$, WQL$^{+18}$, WGG$^{+07}$, ZSZ15, SGG07]. discrete [FBS16, MQOQOH01, SP16, SHP14]. discrete-time [MQOQOH01]. discrimination [GPVCdBRO12, XLMH14]. DisCSP [PP17]. disease [Riz04]. disjoint [ZWXS19]. disjunctively [QW17]. disk [WCH$^{+07}$, WTL$^{+16}$, YYS15, ZBZ$^{+15}$]. disk-resident [WCH$^{+07}$]. disks [DXZ$^{+16}$]. Dispatching [CKSC10]. Dissecting [AUHWJ19]. dissemination [BLSP11, LWF$^{+15}$, MLRR09, PF12, RSPV17, WZS$^{+15}$]. disemissive [SW11]. Distance [YZW$^{+15}$, BOF15, CMD17, ZGS17, ZWXS19]. distance-based [CMD17]. Distance-bounding [YZW$^{+15}$]. distinguished [EMB11]. DistMe [RTPPH12]. distribute [RHL$^{+18}$]. Distributed [ADSV16, AC09, Ano15a, BM12, BCCM16, CL10, CRB09, CT12, CPXA06, CM07b, CMD17, DFG18a, DSSM$^{+15}$, DBR13, DFH10, EN09, FH13, FB16, GJ17, GZX17, GBD16, HFF07, JBL16, JCK$^{+13}$, Jos05, KMG$^{+18}$, MLW$^{+13}$, MN10, NSR07, PHGK10, PDD14, RJ01, SCLK15, TWSM05, TTL05, TW07, TM07, Tur04, Ur16, VC16, XLWZ11, ZF18, ZWMT12, AC10, AAW$^{+02}$, AdScdR$^{+19}$, ABD09, AFG16, APHB16, AFT01, AMZ19, AT18, BGGLO7, BFL$^{+10}$, BBCG02, BDF15, BAS07, BZdR$^{+10}$, BDV02, BYT$^{+12}$, BM02, BBGA03, BDM$^{+05}$, CLLM12, CLNR18, CLR18, CACC11, CLTT13, CBPP02, CNS13, CZQ17, CKC09, CLH$^{+06}$, CGH15, CN02, CPSP17, DCG11, DD17, DST11, DBGA16, DVI14, DLH01, DVC09, DK16, DVNM$^{+11a}$, DVNM$^{+11b}$, DL07, DZM$^{+15}$, EDBS08, EABVGV14, EBGS01, EJF$^{+16}$, EFA$^{+17}$, FBH$^{+01}$, FJ05, FT06, FN13, FBS16]. distributed [GGHR16, GDJ16, GKP$^{+19}$, GVC10, GLC07, GLD17, HWL18, HWRO3, HKG08, IBvA$^{+02}$, JKL$^{+17}$, JSPE15, JZL15, KSN16, KAL07, Kes04, KTB17, KHM$^{+11b}$, KMJ14, KO06, KHZ$^{+15}$, LL15, LWT$^{+16}$, LRL7, LRLY17, Lia16, LMS18, LZC09, LLdA08, LBDS15, LMOT10, McVwM$^{+17}$, MTT$^{+05}$, MZ06, MMPP12, MLCO, MJ11, MFF04, MPSGD14, MRH14, MA15, MCSM07, MVML11, MP03, MDL$^{+10}$, Not16a, OSK$^{+01}$, OKW18, OHJ13, OAS$^{+15}$, OM06a, PCVZ$^{+04}$, PFC14, PRS16, PVR$^{+09}$, PHY$^{+18}$, PWMX16, PNM17, PAM$^{+15}$, PSC$^{+17}$, PQP13, RBO$^{+02}$, Rsv16, RS11, RGCC15, RH$^{+16}$, RMI11, RO12a, RSTV05, RMCHMG15, SJ14, SK08, SFLS04, SLV12, SRM13a, SFCAV16, SG16, SMM18, SARLI3, SCS17b, SFT15, SLM05, SAM$^{+17}$, SHP14, SS15c, TTV08, TTL06, TCH$^{+13}$, TBK$^{+15}$, TBI$^{+18}$, VFL16, VT15, VFAD18, WQZL06, WJY16, WZLQ16, WW08, WTN07, XCHY13]. distributed [XPWF15, XL+17, XW13, XLLL17, XLQL18, XLL$^{+12}$, YDL09, YLJZ13, ZLKK17, ZQZ$^{+16}$, ZW17, ZKR$^{+07}$, ZZ17, ZCL$^{+18}$, dSGD14, vHMB08, vLDW11, KAA19, TM01]. distributed-shared [BDV02]. Distributing [MT08]. Distribution [BD04, HMPPT13, MP04, QKSJ07, CCC$^{+16}$, GM17, LLL16, LNK08, LFX$^{+08}$, MLG15, ML19, MAS$^{+14}$, MSG10, NPTT06, NTK08, PF12, QWW$^{+16}$,
dynamics-based [AaBT16].

e-Business [DKMV07]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].

[Adam16, AHP+13, BDW14, CAG+13, CDP17, DLK+18, GKS09, KF11, LGL16a, RCB03, TCP+05, VCW13, WJLD09, XTZ10, ZNT+16].

e-Business [DKMV07]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].
e-Health [LRS15, LDS08]. e-commerce [DJ19, PRS16]. e-course [ZL06].

[Adam16, AHP+13, BDW14, CAG+13, CDP17, DLK+18, GKS09, KF11, LGL16a, RCB03, TCP+05, VCW13, WJLD09, XTZ10, ZNT+16].
efficacy [LWW06]. Efficiency [PDD14, BBdS+17, BDM18, CLL+18, dAGC11, GA09, GCPS+14, GVP+14, JPS17, KS19, PZHS18, QSX+17, SSZ13, TY15, Tru15, WR17, WCLH12, WTL+16, XDJL18, XLL+15, XL17, ZYL18]. Efficient [AD02, ANPR16, BB02, CCW04, CLF+17, CGN15, DVL13, DZ18, dAGC11, GA09, GCPS+14, GVP+14, JPS17, KS19, PZHS18, QSX+17, SSZ13, TY15, Tru15, WR17, WCLH12, WTL+16, XDJL18, XLL+15, XL17, ZYL18].

employing [HON04, TLX+17]. emulated [VRDTB+16]. emulation [NR08]. Enable [Air17, ADM06, BM10, BBGA03, KKL09, TMS+12]. enabled [AAB17, CKL19, DFLNP07, ETR+15, FMM08, GHB+06, HYX05, LAC+08, ORdSL13, PXY+07, RSTV07, SGV12, TZZ+19, WBD+03, ZYL+06]. enables [CDH+15].

enable [ACC+15, BDI+07, CPS+14, DPK10, DDF+17, DZL+17a, LLLJ14, PF12, PML+05, SPS+nS07, BR04, DR15, FPR05, LPW15, RMCA12, dRRdCRR16].

enabled [AAF17, CKL19, DFLNP07, ETR+15, FMM08, GHB+06, HYX05, LAC+08, ORdSL13, PXY+07, RSTV07, SGV12, TZZ+19, WBD+03, ZYL+06].

end [CDH+15].

end-host [TMZ07]. end-to-end [CK13].

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.

endurance [ABK+18]. Energy [ABC19, AZF+12, ANK+17, BHP17, CFTT17, EOD+19, JWZ13, Kar16, KHM+11b, KKWI15, LDPZ14, LZ+17a, MAM13, MBB+17, PSICU18, PR11, RIWS17, SRS+16, Sha+15, SHST13, SKJ+17, SYM+17, XGKH15, YBO10, Z+11a, AAC+15, ADI+14.
Enhancing [ADI+14, JCJ17, mLGP03, DWC09, GCSB19, MJS19]. enough [PLR+14].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].

enterprise [DZL+17b, KD10, KM13, SLD+12, LR05, YAA07].

enterprise-oriented [DZL+17b]. enterprises [DR15].

ENTICE [GKP+19].

entities [Kri13, LZW+17a].

Entropy [IUCH+17].
BL11a, BL11b, BL13b, BL13a, LBW14, LBS15, LBT16, LBT17, Wis02].  
**Euro-Par** [BL09a, BL09b, BL11a, BL11b, BL13b, BL13a, LBW14, LBS15, LBT16, LBT17, Wis02].  
**Europa** [OTG+07].  
**EuroPar** [CM07b].  
**European** [CRC+15b, GG07, GTL06, KOK14, VGL06].  
**Evaluating** [AJY+15, BDM18, CTH15, DAC+18, FVLS15, KTHA18, MOF15, MGS08, OSK+01, TKHA13, VSR+09, VdSK+05, GMV+15, KKV13, MRS+09, Rua15].  
**Evaluation** [CGST17, dCPD13, JDH+18, MN10, SGJ+17, XPS+15, ACMM06, BD04, BUVS10, CRCC09, CMVRVG17, CKOG10, CNG13, CWY17, CDW17, CIW+15, CMS17, DLPV07, DCCZ18, DAA13, EKK+04, EQW+18, ESI11, FLYL16, FG16, FGZ+18, FN13, FMP10, GQ08, GGG14, GSO4a, HGI1, JOK+18, KJS+15, LBOE18, LIO5, LI04, LL16b, LFHO8a, LBDS15, LC17, MBB16, MDH+16, MPT07, MAH+02, Not16b, OCC+05, PB12, PBD+15, PRS01, QW17, RAGK15, SM02, SFCAV16, SPQ+17, TKA+02, WMA07, WKT08, WSH+18, WJS18, XWD+12, YZ10, ZF14, ZCC+06, ZDC15, ZL12, ZDX12].  
**evaluations** [TMP16].  
**evasion** [MPVT17].  
**Event** [XXY+16, CWZL13, DA19, FSQ19, FP02, FBS16, GCN09, GRTX18, Kar14a, LJ07+16, LLX15b, LLZ+17a, MLZ19, PVC18, SWD+17, SH14, VEJD17, WDG+18, WK12, WCLC13, YP10, ZIC15, ZFT08].  
**event-based** [SWD+17, YP10, ZFT08].  
**event-driven** [FSD19, ZIC15].  
**events** [SGJ+17, XZH+16].  
**Everywhere** [AJM12].  
**evidence** [TLWZ14, ZW09].  
**evidence-based** [ZW09].  
**evolution** [Arz17, CAG+13, RLVRGA14, SDB02, TKB09, TCSBG17].  
**Evolutionary** [Du18c, ZQLZ12, ADD+05, CMVRVG17, CQXW14, CIW+15, DSTD11, EOD+19, JC07, KFD18, LC09, LF17].  
**Evolvable** [HXY+12].  
**evolving** [DJ19, ER12, FJS16, Li04, QXXZ16].  
**exact** [RLDZ13].  
**example** [KF11].  
**examples** [EFY17, HZL+16].  
**Exascale** [SG19, BDL+15, ESG17].  
**ExaStencils** [KHVK17].  
**exception** [QLD+11, TCBR+10, WFHT17].  
**exchange** [AR16, AKB13, DCJ14, FIO15, FBS16, GKK12, LVA+12, LB+16, PSC+17, QMK12].  
**exchanged** [QLLS15].  
**Exchanges** [AS15].  
**excitation** [RCA+11].  
**exclusion** [BDH15, BDH16, DHV03, HBD18].  
**executable** [FED03].  
**executing** [LPSF11].  
**Execution** [SAP16, AHM06, ARPPM17, AAE+09, BPB08, CEM19, CZY+18, CM10, CCP+15, DR5+13, EJ13, FAVE11, FOTW04, FM08, GD15b, HPS12, KLW+04, LM08, LPS+09, LCT16, LF17, LY14, MDB+17, MGG18, MYDM06, PBB14, QLD+11, RC09, RMCHMG15, TJK16, TN1B17, TKB+15, XLZ1D3, dOOO+12].  
**executions** [NB12, dSGD14].  
**executives** [RS12].  
**exemplars** [KB13].  
**exercise** [GPS+07].  
**exhaustive** [KHF+17].  
**exhibits** [WST+17].  
**existing** [SGD+18, BDT01].  
**ExNa** [WZ16].  
**exotic** [DCJ14].  
**expedition** [WSP17].  
**expensive** [GPV09, ZY+12].  
**Experience** [Ano06, BHW05, SNB+01, TH10, BCC+05, CHPvG07, GTL06, KQR+17, KBH+15b, LRS15, MCK01, MFC18, RSC+15, TL105, TD+02, WGW+11, WJLD09, FH10].  
**Experiences** [AHK+15, BGV+01, GBMM15, MSL+14, SLD+12, BCM+05, NCW+04, SB+15, SMY+15, SRTG+07].  
**experiment** [BD08, HGB+08].
Experimental [BRWB06, GBB+15, LFX+08, ZDHJ18, AFG16, GRS06, HWY+17, RGAK15, WOH+13, ZPG10]. experimentation [ACG18].

Experiments [BcClCT06, CT12, FLMRC02, KBT+14, PPST09, ZBC+07].

experts [MTHK14]. Explicit [KGK17, BVIB19, FIO15, JMF09, KW18, ZZC15].

Explicit [Nev17].

exploitation [ADF+13, FTT15, OGA+01]. Exploiting [BP17, BCI+09, BG14, CS13, DMMA17, EdPG+10, Jun16, LPH09, ZQZ+16, ABFL17, ACG15, ACCM17, JLL18, KTM+09, Nob08, SPW09, TZLC15, VSB+15, YZR14].

Exploration [FTT15, ABDP15, BYN+17, KAP13, PDY14, PL15, WBC+17].

Exploration/exploitation [FTT15].

explorations [JCVU15].

exploratory [HSRN11, XYER16].

Exploring [BS10, CSL12, CS17, DZJ+15, HTHW16, LNKZ08, SZA08, ZYH09, ZYH12, XLL+18, YBZ+15].

ExPregel [SNH15].

expression [KHL+17a]. Expressions [MFGE19].

expressiveness [YS07].

Extended [DPS16, LXW17, SSZ14, AS15].

Extending [BVGVEA11, BEQOR17, BDB+13, EK19, CJC+18, FTR15, FMMD13, OKW18].

extension [DIK14, HKR08, SCV+08, ZG04].

extensions [ANTZ09, BDT01, ISKvW02, Pac16, SIOS02, ZZ14, vRKS03].

explicit [CZL+17, LWZ+17]. Extracting [CSBL12, MGM+08].

extract [CZL+17, LWZ+17].

extrapolation [CH04, KRS11].

Extreme [BCA+10, BBB+14, DZJ+15, EN16, RLRG15, TLX+17, WQS+16, YLL+18].

extreme-scale [BBB+14, EN16, YLL+18].

extremely [MWW10].

Exudates [ZBZ+15].

Eye [MRS+09].

EzRP [KABD07].

F [KS04].

Face [WZJD13, Du18b, HDDG09, QSZL18, XHH12, MKX+15].

FACE-IT [MKX+15].

Facilitating [Qi17, VFAD17, LHHJ18].

facilities [ACMA07, BGVGEAFG11, MH07, WLDL08].

factor [JyLdZ+18, ZWS18, AS15].

Factor-Optical-Factor [AS15].

factorization [BLKD08, Cho01, DFL14, JLH+16, WZ04, WZL+17a, YTD17, ZF18, ZDG+14].

factorizations [ADMQO14].

Factors [HMM+09].

Failure [EPA15, LFHT15, GMS09, JM07, MST13, SC07a, SK18, TAA+19, YDL09, ZWH+17, BDB+13].

failure-aware [ZWH+17].

Failure-resilient [EPA15].

failures [LSW07, MAS+14, PWMX16].

fair [DXWC16, GGS+16, LLKCO8, TZY13].

Fairness [RCT03, NyVo09, dSGD14].

FairThreads [Bou06].

Faithful [STL+15].

Fake [JBL15].

Falcon [VRMB13].

false [ECP18, CACC11].

false-praise [ECP18].

family [Kac11, KHM+11a, SL04].

FarGo [GBSHA01].

farming [CKBB14].

farms [GVC10].

Fast [ACC+12, BEDK18, DFC12, DÇK+18, FYKW15, GCO+14, HBD18, LLH+17, NN07, PSHL11, WBO16, AB01, DLZ16, DZL+17b, FOTW04, HAA+17, KCB09, KUL14, LZH+15, LZJ+18, LY14, MKKB04, MRH14,
[AAE+09, BV11, FD01, LHT+09, NDP+05, ZJS11, ACJ10, ADM06, BF07, BHB13, CCC10, C1Z+15, ET15, Fec12, GGR+10, HTR10, ISS+02, KAL07, OKM10, PYK16, PGL+17, PKG11, ROA+07, VYK+10, XPWF15, XTLG08].

fault-tolerance [CFJ1+15]. Fault-Tolerant
[AAE+09, BD01, Fec12, KAL07, PGL+17]. faults [KF15, XM02, ZCXH17]. FC2Q [ACG15]. FCMS [ACG17]. Field
[BdL06, HK12, SS15b, SZA08]. feasible [AT1+17]. FEAST [TGB+10]. Feature [PRE01, HAA+17, KOOB15, MSM+14, PWH18, T17a, WQG+18, ZLY16, ZWL+17]. Feature-oriented
[PRE01]. Features [KS05, vLGL+02, BDY03, KBH+15b, LSH+16, LCM+17, ZWLY16, ZWL+17]. Feautrier
[Viv03]. federated
[BFG14, GRSB09, GV12, KMG+18, LHL10, LBMD+16, MSST15, HF17]. federation
[BTCGL17, MML+17]. federations
[DMRS15, HAAWA+16]. FEM
[OA02]. femtocell
[WRDZ13]. Ferrini
[AN06]. fetch
[MN15, WLLL18]. FFBAT [AMS17]. FFT
[BH1+12, D01, JKM+17]. Fi
[MB17]. field
[KM+17, MZ06, NWH+14, XXY+16]. field-based
[MZ06]. field-programmable
[NWH+14]. fields
[GBXL17, HCKF15]. Fifteenth
[BJ18]. file
[AC06, BGDCCA11, BKND16, BDT01, BAS07, D10, D17, DZM+15, HYX05, HCK+08, ID18, IT17a, KKL09, L16, LHH+17, LLYL9, Mit17b, SACLRL18, SNB+01, TWN07, Tru15, YCYH10, ZHO8, AC08]. file-transfer
[AC06]. files
[CC12a, LLYL7, LLYL9, SSDVM16, ZZZ+17]. filling
[LBH07]. filter
[AA16, AT17, BY12, CDP17, JOS05, PW18, PA18]. filtering
[BHA+15b, C1K17, DFG+18b, D17a, IZM09, JML+16, LH17, SWD+17, TLZL15, VS11]. filters
[GPV09]. finance
[DMD16, PW12, TP14, DDE+12]. Financial
[YWLQ18, GCO+14, GQH17, GGS+16, MB16, QZL18, RDP10, TTP16]. find
[STTW18]. Finding
[AT1+14, BL04, CT11a, D02, J15, K13, MLZ19, MSV+10, KHM+11b, LSL+17, TZK16]. findings
[GCPS+14]. Fine
[BVGVFAF11, BHA+15b, H10, JC15, KWL+04, CLH+16, CLX+12, NNVdA09, QML+17, RA14, RLVRGA14, SK18, TH15, TN16, sTzNL16, WL11W, WZL+17a, ZHN+07]. Fine-grain
[H10, JC15, NNVdA09]. Fine-grained
[BHA+15b, KWL+04, CLH+16, CLX+12, RA14, RLVRGA14, SK18, TN15, TN16, sTzNL16, WL11, WZL+17a, ZYN+17]. Fine
[CCG+08]. fingerprint
[ZH1+16]. Finite
[XM02, BJ01, BCP+10, BP14, CC13, CSTV06, JN03, LBB15, MO02a, NWH+14, OFR+17, PSG03, PH12, PSCK+15, QH10, TGB+10]. finite-differenting
[PH12]. Finite-element
[XM02, JN03, MO02a]. finite-volume
[PSG03]. fire
[ACM17]. firefly
[AMS17]. firewall
[CWMW15]. FireWorks
[JOC+15]. First
[MLA⁺08, WJLD09, MKO⁺17a, PMAL14, CR08, CS06, DT15b]. fish
[LKPM09]. fit [PMAL14]. fitness [BSP11, EOD⁺19]. Fitting
fixed-time [CY07]. FLAPW [DFTHD18]. flash
[LWF⁺15, DV⁺12, AMABS18]. Flexibility [BKM⁺07a]. Flexible
[BAVM11, CGKW13, CJ12, HR18, ACG18, BM10, BFM⁺10, CCL⁺17,
CEG⁺05, DZL⁺17a, IT03, LGL⁺17, WNT02, dRC10, vNMW⁺05]. floating
[BTG06, LCM12, TLM17]. floating-point [BTG06, TLM17]. flood
[HGB⁺08]. flooding [GS08, LLH⁺18]. flooding-based [GS08].
floorplanning [ACIC⁺13]. flow [AMTM17, BSB17, DdB01, EFM17,
GCWE15, GPS⁺07, HKB07, IABE11, KKK⁺19, KHK17, LW05, LXW⁺16,
LHJH18, LL16c, LHXY08, LXL⁺09, MWLS11, RNJM17, SARL13, WYW⁺17,
Wan18b, ZYW⁺16, ZDHH18, ZGL07, vLDW11, GHB⁺06]. flow-shop
[AMTM17]. flows [BFM⁺10, DGW16, SPZ⁺10]. fluid [BFM⁺10, BDY02,
BDY03, EFM17, HC07, MB14, MWLS11, RCB03, RCR⁺15]. fluid-particle
[BDY03]. fluids [BDY02]. FluMapper [PWC⁺14]. flux [AHB⁺10]. fly
[PS07, YESG⁺19]. flying [SK17]. FMIPv6 [WCLH12]. FMM
[ABC⁺16, MRH14]. focus [AHH14]. focused [DH13, PZ008, PZZ10]. Fog
[HAN19, KSK19, SPB19, TSA⁺19, YBX⁺17, SWHL16]. folded [QLLS15].
Folders [Ros06]. folding [NCWD⁺04, TTD⁺05]. folksonomy [FBYO12].
follow [PBD⁺15, PdCMdS⁺12]. follow-up [PBD⁺15, PdCMdS⁺12].
Follower [XLL⁺18]. follower [ZCXL17]. following [LJPP16, XLL⁺18].
food [MKX⁺15]. footprint [DS15, SZR16]. forecast
[ABC⁺08a, VCW13, ZZYW0, ZMYA18]. forecasting [HHKA14, TTR⁺10].
foreign [DCJ⁺14]. Forensic [CMCA17, RCC17, TDC18].
forensic-by-design [RCC17]. forensics [TDC18]. foresight [WK⁺11].
forest [ACMC17]. Foreword
[BL17, HF17, MH18, PCC17, WR17, ZZ17, KKT13]. fork [RR15].
fork-join-based [RR15]. form [BLDW16]. Formal
[KAP13, Aia15, BAZ09, EL01, MRC18, QLF⁺06, WXWC14]. formalisms
[WGP⁺15]. formalized [XZB10]. format [CCX⁺18, CBG19]. Formation
[CG10, BCDICT06, CNAQ18, HAAW⁺16]. forms
[BII⁺11, G KK09, ZXW16b]. formula [WXLM19]. formula-based
[WXLM19]. formulæ [vEGW06]. formulations [SSB⁺14]. Fortran
[BB02, BSB⁺03, CWW04, FSPC⁺02, ISKV02, KS02, LCC⁺03, MDV07,
SOS02, SD03, vWAH⁺02]. Forum [GPW03, Le09, SKNR09]. forward
[ATKH⁺17, BDB⁺13, OKW15]. forwarding [WDW⁺15]. Fostering
[VAC⁺07]. Foundations [Nar05]. four [WCH⁺07]. four-dimensional
[WCH⁺07]. Fourier [SP16, WCP⁺18]. Fourth [CW11a]. FPGA
[GSB⁺12, LD14b, LGQ⁺17, QSX⁺17, TPT⁺18, WZ04, YOB16, ZDX12].
FPGA-accelerated [QSX⁺17, TPT⁺18]. FPGA-based [LGQ⁺17, WZ04].
FPGAs [GC19]. fractional [CSM17]. fragmentation [LCMY13]. frame
[MPHL03, TKHA13]. FRAMESELF [AM15]. Framework
[Ber07, EFG⁺03, ATKH⁺17, AM15, ALZ11, AAW⁺02, ABC⁺08b, ADK⁺16,
ARPPM17, BPdM06, BB15, BKCP09, BKS18, BR04, BAZ18, BAC+15,
BS09, BAG17, BMPP17, BBA18, BPD06, CCCW13, CKL17, CA06,
CLW+18, CVK15, CS15, CN16, CM02, CGB+06, Cuz11, DZW+11, EBMD13,
EDZ08, EHSU07, FAPC16, FRB+06, FMT16, FJG+13, GQH17, GWW17,
GD08, GLC07, HK02, HAE09, HLHC12, HFTQ13, IAH+15, JZJW15, JM07,
KDC17, Kri05, KTB04, KSK17, Ley06, LZL17a, LGL+17, LGG16, LMOT10,
MB14, MDV07, MV16, NMM+10, Nev17, NRW04, OISS07, OTG+07,
PSRR14, PWWR05, PTL+16, PRG15, PMG+15, PSS+18, QXJS17, QSMK04,
RBO+02, RG19, RSC+15, RHD+16, RSLK16, SGM18, SPG08,
SZL09, TTV08, TMP16, TKB16, TPV17, TBK+15, UAW09, VS02, WFT17,
WJM17, WQL18, WNT02, WLW14, WSWL12, XZJ11, YGL05.

Frameworks [YR15, ZXW16a, ZS01, ZP06, ZLN+13, ZSZ14, ZCL14,
ZDB+14, ZHM+17, AK01, Zho06, ZBC07].

FRAPP [ZLN+13]. freedom [IR11, YESG+17, YESG+17a].

Frequency-division [LZW13]. frequency-improved [PLZ14].
functional [CC15, KS05, LDPZ14, MSP+19, TBH+18]. functions
[CWYX17, EOD+19, FGZ+18, LPSF11, QZDJ16, SPZ+10, vWAH+02].

Future [SCNH07, Arz17, DLP03, QD17, SN18, WKL+11]. futures [BGGS14].

Game [BJC17, HJTX17, PRC+14, CG10, CQXW14, CLW+15, FCY17, FXX16,
HAAWA+16, LC09, MZW+16, SS17a, TXZ+17, WWS+12, WLZ17, XZH+17].

game-based [MZW+16]. game-theoretic [CG10]. games
[BDP18, CRC15a, Ios11, JVP118]. gap [CZQ17, Hun15, RSSM06, BHJ+16]. garbage [AP06, BCK+09, HM03, JM19, Kal11, Puf13]. gas [WJLD09].

Gaspar [MSS16]. gate [NNH+14]. Gateway
[DT15b, WDGK15, BSC+15, CM07a, CGK+07, CDH+15, JvAB+15, MRJ+14, MWL+15, MKX+15, PGP+10, PMG+15, SBJ+15, SvDO15, SBB+15, SMY+15, Sod07, VSB+15, CGK+07, GBB+15, LPW15, PYF02].

Gateways [WD07, ACF+07, GBM15, HMK15, LZW+15, MCC+15, MTA+07, MCD+15, OTG+07, SvDO15, Sod07, WBB+07]. gather [MTK16].

GAUGE [HBG+06]. Gauss [BEQOR17, Has17, KS19, Tan12]. Gaussian
[DDF+15, Du18a, HCKF15, VˇS11, YWL+17a, ZLH+18].

gaze [MRS09].


GCViR [TSBR10]. ge [BTCGL17]. GEANT4 [CRC15b]. GenApp
[BAC+15]. gene [KHL+17a, EMS11, RGL+15]. Gene/L
[EMS11]. Gene/P
[RGL+15]. General
[ETR+13, ABDP15, AdSCdR+19, BSZ09, FRB06, FBV+13, LKPM09, MWPL15, PSRR14, PVCS18, RMP+13a, SNK+15, TXY+16, WQL+18, WLW14]. General-purpose
[ETR+13, ABDP15, AdSCdR+19, LKPM09, RMP+13a, SNK+15].

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

Generate [DIK14]. Generate-map-reduce [DIK14]. generated [YOBS16].

Generating [ER12, vHKT+11, AAP13, Ios11, KHVK17]. Generation
[LXL+09, Aia15, Ang07, BFK+17, CSC+17, CC13, Can06, CLR18, CZ19, CDL08, CS06, CPS+14, CEM+17, DCD+14, GPS+07, HCKF15, ISS+02, KKTHL13, KB06, KBE07, KMJ14, LZW+17a, LMO15, LBH07, MSL+14, MK12, PPMH15, PWX17, QEB+10, UAW09, XW13, XBM14].

generations [AP06, RVD+12]. Generative [HBG+06]. generator
[DYW16, TNIB17, vWAH+02]. Generic
[LL05, APHB16, dRADFG17, GyvDHS12, MKH+18, RG19, SO16, KS19, XZJ11]. genes [COD0+11].

Genetic
[SAB15, TZZK16, AS17, ACCM17, BYN+17, BDTdS13, GYM14, HW16, KKWZ15, KPS14, LHHJ18, LW06, LZBF17, MHL+05, PCF+17, PV15, Riz04, SJVR15, TRW07, WLL03a, YWLQ18].

Genetic-based
[KKWZ15]. genome
[MKA04, WWL+15]. genome-based
[MKA04].

genome-wide
[WWL+15]. genomes
[ALVY05, COD0+11]. genomics
[TGS14, MSL+14]. geo
[JZL15, MKH+18, PAM+15, SWS+18, XLQ18].

geo-distributed
[JZL15, XLQ18]. geo-opportunistic
[SWS+18].

generative
[PAM+15]. geo-related
[MKH+18]. geodynamics
[ZKJ+07]. geodynamo
[DGJ+11]. GeoFEM
[FCT+02, MO02a, MO02b, NO02]. GeoFEST
[PNL10]. geographic
[JWZ13, WYW+17]. geographical
[ASG+08, QCB17, ZSZ15].

geographically
[KTB17]. geolocated
[RHS17]. Geometric
[LC18, CLZ+17, SJW18, ZF18, ZYL10]. geometrical
[FMS15, ZDHJ18]. geometries
[BFM+10]. geometry
[ZP06]. geometry-based
[ZP06].

GEONGrid
[YBB+07]. Geosciences
[PW05, MCT+10]. geoscientific
[BvIF10]. geospatial
[BMPP17, DCY+08, LPW15, Pie08]. geotagged
[Jun16]. GEP
[LMX+18]. Getting
[Nob08]. GF
[SAD13]. Gibraltar
[CSWB11]. gigabyte [FCT+02]. GIS [ABC+08a]. GIS-based [ABC+08a].
glass [JWW17, LZJ+18]. gLite [KSM+08b, KKV13]. Global
[BFL+10, FWUT+04, NDT+16, AHB+10, ADK+16, BDMM+05, HK$^{+12}$,
HBKM06, LF17, LLYL09, Ogi02, PRD+13, TKB09, TBK$^{+15}$, VBW06,
XR$^{+17}$, YSL$^{+15}$, YCW08, ZDB$^{+14}$, ZHW$^{+16}$]. Global-scale
[NDT+10].
Global-view [NDT+16]. Globus
[ACFT15, DCY+08, Jac02, Kri05, MSL+14, MCC+15]. Globus-based
[DCY+08, Kri05]. GMP [SFLS04]. GNSS [LWZ+17].
go [LSS15]. goal [JBL16]. goal-oriented
[JBL16]. goals [TALT16]. goats [ZWZ+18]. GOLD [PCH+08].
gone [LSS15]. Google [MGI17]. Gossip
[OHJ13, ABDO09, BDL+15, NJ15, VvSI07, ZK08]. gossip-based
[VvSI07, ZK08]. GP [LSP15]. GPAW [RGL+15]. GPFlow
[RWRS08]. GPGC [ZYT+06]. GPGPU
[CCO15a, MKO+17b, MMG+18, PIAH12, WFJ+17, ZWW14]. GPGPUs
[BCI+18, FO18, SSB+14, PW12].
GPU
[SPZ+10, ADK+16, ABG+13, BP17, BG17, BEQOR13, BDE+19, BFM+10,
BKM+15, CMVRRG17, CMMB13, CNAQ18, CSPM13, CS16, DRZ13,
DCK+18, DMC+18, DBH$^{+17}$, ER12, EOD$^{+19}$, FA18, Fer13, FFT15, FNI17,
GSB+12, GMMT17, Has17, HGW18, HQoS11, HW16, IOOH12, ISO$^{+14}$,
JML+16, JLI$^{+16}$, KHI12, KJM$^{+17}$, KHF$^{+17}$, LOSJ17, LDZ14b, LSH$^{+16}$,
LCT16, LZZ+17b, LXYC17, LLH$^{+15}$, LS15, LLH$^{+18}$, LSP15, MMO$^{+16}$,
MN15, MÖÖ17, MWLS11, NRR15, NSN$^{+17}$, OFR$^{+17}$, PDY14, PRG15,
PDC16, PGdCJ+18, PL15, PLL17, PK17, PH12, RSC$^{+15}$, RSMFE$^{+12}$,
RWK17, Roj19, SSH19, SIRP17, SAP16, SD15, SN16, SS15c, TPGC15,
TD$^{+15}$, VL$^{+17}$, VLF+13, WLLL15, WLLL16, WDG+14, WBO16,
WWLD18, XMJ17, YTD17, YT19, ZCL+18, ZDX12, dCRS11].
GPU-accelerated
[ADK+16, CMMB13, IOOH12, JLI$^{+16}$, LZZ+17b, LS15, PGdCJ+18].
GPU-aware [BDE+19, FA18]. GPU-based
[ABG+13, DBH$^{+17}$, HW16, LLH$^{+18}$, MHO+16, PDC16, PK17, RSC$^{+15}$, SSH19].
GPUs
[ALKD16, ASS19, AHK+15, BDR$^{+17}$, BCI+09, BY12, CLF+17, CZL12,
ETR+13, GW15, HP11, HCKF15, JKM$^{+17}$, KVGH11, KW18, KB13, LC17,
MLS+12, PSICU18, RS11, RPRG17, RCLSK16, Sør13, TXY$^{+16}$, VL17,
VLMP$^{+18}$, VFG11, YDS$^{+14}$, ZZZ$^{+15}$]. GPUSGD
[JLH+16]. GRADE
[Kac11]. gradient [JLI$^{+16}$, JWW17, SK09, SSK11, MDL$^{+10}$]. gradual
[RC09]. graduate [MTVF14]. grain
[Ho10a, JCP15, NNVdV09, Yos06].
grained
[BHA+15b, CDA09, CLH$^{+16}$, CLX$^{+12}$, ID18, KWL+04, MDL$^{+10}$, RAFD14,
RLVRG14, SK18, TNH15, TN16, sTznL16, WLL11, WZL$^{+17a}$, ZYN+07].
gram [PDC+17]. grammar [PS10]. grammar-driven [PS10]. grammars
[LS05]. GRAND [VDdN+07]. Grande
[Fox01, Fox05, GPW03, GPW05]. granularity
[DKJ13, RCA+12, TFJ14, dSGD14]. GRAPEs
[LXRJ+13]. Graph
[PS10, AQR+18, AMZ19, BOF15, CLF$^{+17}$, CMD17, DZL$^{+17a}$,
EPB14, Hoh06, JLL18, KRW17, LZZ$^{+17}$, LZW17b, PZH+15, SN15, SKK02,
SS15a, ZBZH11, ZHGX16. **graph-based**

[AQRA+18, Hoh06, JLL18, LZW17b]. **graph-cut** [SS15a]. **Graph500** [FBV+17]. **GraphBAD** [PVCS18]. **graphic** [MPSGD14]. **Graphical** [DT15b, Eng15, LPH09, PSRR14, RMP+13a, VDL+15]. **Graphs** [ADF+13, CP14, DCJ14, DG11, KC13, MCB14, VCW13, ATVLM14, ACC+12, ABDP15, BDW14, BHQOS15, CGIP16, CSWB11, DCJ12, GWW17, GGIV14, JdM12, LKPM09, LDZ+15, LLH+15, MAS16, OLG+15, PSCK+15, RCA+11, RCR+15, RK15, SPMP11, SPZ+10, SAD13, SNK+15, IssCvY17, Str11, SEF+14, TzKm12, WJT+14, WCZX16, ZO14, ZDG+14, LSXL17].

**graphs** [AS17, FLMRC02, FBYO12, HWL18, LSL+17, MGM08, RG18, RHL+18, TSKM18, ZQK15]. **GRAPLEr** [SAM+17]. **GRASP** [AMTM17].

**gravitational** [SR17]. **gravity** [HTR10]. **Gray** [Bou13]. **grease** [ZCW+18].

**Green** [MAS16, CL13, DZ13, KSK17, PTL+16]. **Gregory** [vEGW06].

**Gray** [KB17]. **GRFA** [LLYL09]. **GRID** [Ang07, CS06, ACF+07, ACD02, CL08, CC09, FKP+02, GIVRC+10, GHPR05, Lee09, MTD+02, NNTH+02, PVL+02, PC17b, Tho07, vLGL+02, AC08, BC16, BAD+11, BKM+07b, BFVRC15, BzdR+10, BWW+08, CPB07, CHL15, CRC+15b, CSL08, CY08, CFV+08, CLX+12, CS13, Dab09a, DIM18, DMRs15, DZC16, FHO+15, FMS11, HR18, HGB+08, IOOH12, Ios11, JQSP08, Kac11, KD10, KV12, Kkt13, KZY15, KB+15b, KA11, LC09, LZC08, LSL15, MLS+15, MB12, MAS+14, ME08, MSV+10, NNvVdA09, PVR+09, PV15, RRBB11, RHRB13, RSTV07, RGV09, Sgm18, Sha15, Sgv12, Sr17, SKNH09, THF15, TV14, TSBR10, VDB09, YKL17, VSKK9, WCL+10, WSW+12, dRL10, dAAVS12, vLFLG01, ACJ10, AKK+07, AC02, ACC+07, AHM06, ABR+06, AV07, ACM06, AC06, AAB+05, ADM06, AFG+05, BR04, BKM+07a, BD+10, BPB08].

**Grid** [BLSP11, BAGS02, BM02, BBGA03, CEM+08, CV07, CLX07, CRB09, CWMZ06, CA06, CY07, CR08, CW07, CLH+08, CM07, CMB06, CDL08, CB+04, CGB+06, Cy06, DDP+06, DDX+06, DCY+08, DFPT06, Dik07, Dps07, DKMV07, ET09, Erw02, FJP+05, FP02, FG06, Fab+07, Fz07, FS07, Fz08, Fox10, GEJ+08, Ger05, GKG+04, GSO4a, GD07, GAE+06, GTL06, GBH+06, GKP+09, HK07, HBG+06, HPS05, Hoh06, JzZL06, JX06, KA09, KWL+04, KR06, KFS+06, Kr+05, LW05, LAC+08, Ley06, JWL+06, LX08, LZC09, LFH+08b, MCW10, MRS+10, MCY+07, MJ+07, MP02, MBP+05, MCCG11, MPT07, MGR02, Nap+07, NZKK11, NSBR07, NK+07, NCWD+04, NPTT06, Nov02, NJ05, OSS07, PFU+05, PML+05, PWWR05, PB+07a, PHGK10, PXY+07, QLF+06, QLC04, RWK+02, ROA+07, RRBH02, SWH08, SBB07, SDB02, SM04, SN06, SCNH07, SANB08, SRdS09]. **Grid** [SF10, SL10, SLT+06, SPBL06, Sl06, SRT+07, TWSM05, TMS+12, TMZ07, Ur04, Vd05, VdAn+07, VbW06, Wca08, Wkt08, WbC+02, Wl02, Wd07, Wbd+03, Xpbs11, XTlg08, YAA07, YH09, YDB+13, ZBP06, ZCC+06, Zka07, Zho8, ZWF+06, ZBP07, ZyLt06, Zk+07, ZXXN06, ZL06, Zhu07, Zld07, ZL09, dCGKG06, vNMW+05, vLDA07]. **Grid-based** [GIVRC+10, QXXZ16, HR18, HGB+08, CA06, Dps07, YH09].
grid-enabled [RSTV07, GHB+06, LAC+08, PXY+07, WBD+03, ZYLT06].

Grid-Flow [GHB+06]. Grid-wide [GEJ+08]. grid/cloud [MB12].

Grid5000 [AFG16]. GridASP [OISS07]. GridBLAST [Kri05].

gridification [AAV+15]. GridLab [KKM+06]. GridPortlets [ZKA07].

GridRPC [ABC+08b]. Grids [FP09, PB07b, PK08, ASS08, ADSV16, BM08, BKM+07b, BHPS14, CPB07, CC10, CG10, CCSS10, CW11b, Cuz11, DST11, DPGA11, FBC10, GKS14, dAGC11, GRS+17, JMF09, KOK14, KBG+09, KSPM12, KKWZ15, KLP+08, LH10, MLG15, MAdS+10, MLVB12, MSG10, NO02, Nak02, SM11, SNGR18, SVN12, TZK16, VDCP03, WP12, XTLG08, YYYC10, YLC11, ZP07, Zhu15, ZS19, AAHRW04, AKW04, ADD+05, ASG+08, BFM+06, BDMM+05, CRCC09, Can06, DS07, DRF07, FPR05, GQ04, GD06, HF05, HCK+08, KTB04, KTM+09, LSS05, MAdS+10, MLVBW12, MSG10, NO02, Nak02, SM11, SNGR18, SVN12, TZK16, VDPC03, WP12, XTLG08, YYYC10, ZKR+07, dABV08].


group-based [PYKL16, ZZL+17a]. group-choose [PLY13].


gSched [CLQ+17]. gSET [MWJ+10]. GSM [MB17]. GSWABE [LS15]. guaranteed [ABDO09]. guarantees [ASS08, KDI5, LGCJ+13, PSM03, WRLS12].

guessing [FIO15]. Guest [Din09, EN09, McE10, RS13, ZQH12, HD13, XHCL15]. GUI [QEB+10].

Guided [CGGH17, KHL+17, SHT+17, WJXZ18]. GUIs [MH07]. GWAP [CWC10]. GYSELA [RLLG15].


Hadoop [CLQ+17, CLW+18, JCJ17, KHL+17a, LZJ+18, LL16b, LJL+17, PSC+17, SZT18, XDJ18, ZZC+17]. Hadoop-based [PSC+17]. halftoning [KHF+17]. hand [LLH+16]. Handel [IS10]. Handel-C [IS10].

handlers [YF13]. Handling [AMB+17, AAI12, KW11, PME+08, QLD+11, RCC17, TCB+10, WHT17, WK12]. handoff [HZC+14, WCLH12]. handover [YHHS16]. Hands [WAS07, WC08, Xu08]. Haralick [WCH+07]. hard [BDW14, BLA+14, LTK17, Puf13, VDB09]. Hardware [SPS17, VEJD17, ADF+13, BHKW12, ER12, FRKS12, GFWA13, GPV09, HJB12, HXY+12, JCVU15, LGdVH13, LGQ+17, LPC+14, MPR04, SHT+17, SRF13, The01, TRW07, TGB+10]. Hardware-assisted [VEJD17].


hash [MA15, WTN07]. hashing [CZL12, KSC12, MIGA18]. Haskell [TL14].
High-accuracy [EMEY14]. high-bandwidth [GDD04]. High-contention [BDH18]. high-density [FGC06]. high-dimensional [DP19, HLCW15, KOOB15, MMW16, MJZ17, SWZ12, ZHZ13]. high-efficient [CLH11]. High-end [GM10, CGBNM17, JK13, LGL17, WL02, ZKJ07]. high-integrity [KWK05]. High-level [AAP13, DA19, GL19, NTK08, BDV02, CAD18, MHH16, MPT07, MCC16, VFAD18]. high-order [ZCXH17]. High-Performance [Ber07, MLY10, PW05, SG19, AP10, BDT01, BDH15, DRZ13, LSS15, MB02, PPBB14, RCB03, AC06, AC08, AKM10, BFM10, BPD06, CEG05, CFP03, CRGR12, Dam11, DPK10, DA15, UGM18, ZGS17]. high-productivity [TFG12]. high-quality [CLF17]. high-resolution [BDY03]. High-speed [ZKJ07, DPK10, DA15, UGM18, ZGS17]. High-throughput [EB14, EDB14, FMT16, JOC15, Kri05, SKA14, SAM17]. high-volume [MHRI14]. higher [Air17, BBSW17, JMF09]. Highly [MKAKG14, BWHS18, DCK12, HKVW16, KM03, KSS10, KHL17b, LLMK18, TCP10, VCP16]. highways [SLC18, SLC19]. Hilbert [KHHC13]. Hilbert-order [KKHC13]. hill [YT19]. HIPENEB [SG19]. HIRLAM [VCW13]. HKE [LBY16]. HKE-BC [LBY16]. HLA [DBR13, FAPC16, MT08, ZG04]. HLA-based [DBR13, FAPC16]. HLog [LSP15]. Hmm [HPD15]. Hoare [vO01]. hoc [CNPP09, Den07, DA15, EB10, HKA15, IHB15, KO012, KKK10, KABD07, MT19, MSMA19, MLRR09, QWW10, Sha15, SK17, YWM10]. HOL [Sch04, vO01]. hole [SW015, PAC17]. holistic [GVP14, PAC17]. holonic [FD01]. home [PBD15, WT18, LMOT10]. home-therapy [PBD15]. Homomorphic [Tan15, CZL12]. Honey [MS17b]. hop [BAT13, DZ13, JKZ03, MS07, MA15]. hormone [PB12, Pac16]. host [LLRS03, TMZ07]. host-parasite [LLRS03]. Hot [Man08, LLX15b, VKM09]. hot-spot [VKM09]. hotness [XDJL18]. hotness-aware [XDJL18]. HPC [CS15, BRK17, BHJ16, BBd17, BDP14, CGST17, GMVRS15, KMRT18, KAM11, LMS18, MRL16, MOF15, MAK18, OTG07, PCB18, dRdCR16, RHL18, SW15, SNKH09, TZZ19]. HPC-Europa [OTG07]. HPC-GAP [BHJ16]. HPGC [KB18]. HPCS [SCC10]. HPCT [ABF10]. HPcx [ABG05]. HPF [DS02, FSPC02, ISkvw02, MAH02, NNON02, Ogi02, OA02, PSG03, SM02, SIOS02, vWAH02]. HPF/JA [ISkvw02, Ogi02, SIOS02]. HPF/SX


[Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano14l, Ano14m, Ano14n, Ano14o, Ano14p, Ano14q, Ano14r, Ano15e, 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, Ano17w, Ano17x, Ano17y, Ano17z, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano19a]. Information [Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, ECP18, Pie08, SARL13, TKS18, WYW+17, AI17, AP10, AR16, And13, ASG+08, BDL+15, CW09, GD08, HAN19, HSM14, KKK+19, KKW+14, KSC12, KTM+09, LKC08, LWG+15, LWZ+17, MLRR09, MWL18, Nis18, PHY+18, PVCS18, PLR+14, PAM+15, PME+08, QMK12, SWZ+18, SW11, TAM+12, WAD12, Zen19, Boe12, HF17, LWL+06]. information-based [KSC12, SWZ+18]. Infostation [TW07]. infrastructure [ACMA07, AJY+15, ANK+17, CRC+15b, CZO+08, CWL06, CPSP17, CMS17, Cyb06, DMA13, JvAB+15, JKL+17, JQSP08, KMJ14, KA11, MCWL06, 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, Ios11, Kac11, LBV16, LSMVML15, MVML11, TLS+09, THF15]. ingestion [SIST18]. inherently [KA16]. inheritance [Ly02]. inhibiting [BGGS14]. Initial [VDL+15, MRS+09, RBBH02]. initiated [AR16]. inlining [LH05]. innovation [YLLC18]. Innovations [ACD02]. innovative [DS17, HF17]. inpainting [HLY18]. Input [TJD+17, AAI12]. input/output [AAI12]. insider [DCG15]. Insights [HLX+16, WLZ17]. inspection [HLG17]. inspired [ABG+13, CSL12, CP14, CT16, GPGvdBR012, HAE09, OK18, PCS+12, SR17, TJP+16, WSL15, ZLQ+18]. installation [CGGH17, HLA+18]. installment [DL07]. instance [KCKC15, MCWL06, TKB16, WXY+17]. instance-intensive [XWH+17]. instance-oriented [MCWL06]. instances [Ios11, VRDTB+16, LMH+14]. instantiation [CSC+17]. instantiations [KCB09]. institutions [LGJ17]. Instruction [GSG06, LHC14]. instructions [AB01, PBSB04]. instrument [MH07]. instrumentation [BDMM+05, RS07]. instruments [MH07]. insulated [LDZ+14a]. insurance [GHQ17, YWLQ18]. integer [GLM+16, KVGH11]. InteGrade [CML+10, CC10, GKG+04, dCGKG06]. integrated [ABC+08a, AMRS14, AFMR9, BAC+15, Fec12, GKTS07,
Integrates [SAM+17]. **Integrating** [AP06, CRC15a, MML+17, ZKR+07, BGV+01, BHW05, CLX07, DCY+08, HCG07, MCD+15, SKA+14]. Integration
[DevS06, FHO+15, SM03, TPV17, BDV02, CLH+08, GMPT15, ZKR+07, BGV+01, BHW05, CLX07, DCY+08, HCG07, MCD+15, SKA+14]. **Integrity** [AaBT17, AL04, BC16, CJZZ10, WK05, SWW+16, WZL+17b, XHCL15, YNX+16]. Intel
[AB01, CLRB15, CBIGL19, DAC+18, FNBS16, HCD+18, MCP+12, RGB+15, SWB12, Tan12, VDL+15]. **Intelligence** [Du18c, DCCZ18, PCS+12]. Intelligent
[AB01, CLRB15, CBIGL19, DAC+18, FNBS16, HCD+18, MCP+12, RGB+15, SWB12, Tan12, VDL+15]. **Interconnect** [AaBT17, AL04, BC16, CJZZ10, WK05, SWW+16, WZL+17b, XHCL15, YNX+16]. Intel(R)
[GdMK+18]. intensity [LLZ+17]. Intensive [AMGCC17, CBHTE11, CGBNM17, CTAB16, GGHR16, HAAWA+16, HZHP09, JQSP08, RCT03]. Interactive
[VYK+10, WJ09, WST+17, CEH+06, CZWH07, CLW+18, GRGP12, HHWZ08, HLZD18, IBvA+02, KTBO4, MCY+10, PWC+14, PML+05, VšC17, ZZ18, vSB06]. interceptor
[Aang08]. Interceptors [NMMS01, BMV03]. interchange [BBG17, ZQZ+16]. interconnect [FAM+18, GDD+04]. **Interconnection**
[AS15, NZKK11, SG19, ESG17, JAA08, KMA04, QLLS15, ZLF19]. interconnects [CKRO13]. interdependent [Sha15]. interdisciplinary
[CN02]. **Interest** [ZACG16, CRC15a, DCJ14]. interested [XY17]. interesting [LJP+16]. Interface
[KKJH03, AJMJ05, dRADFG17, DBB+16, GHG+06, HRR+11, Jac02, KOB01, OORVB14, ULS03, WZL+18, WK14, AMHC11, SWL+01]. Interfaces
[WD07, LOKW+10, vHKT+11]. interfacing [ASS+05]. interference [WLL14, YYZ+17, ZKW17]. **InterGrid** [dABV08]. interleaved
[GSG06]. intermediate [PGL+17, YXZL16, YYY+12]. internal [ABFL17]. **International** [Aang07, BJ18, CR08, CL08, CC09, CW11a, CR13, CS06, DR15, Du18c, FZ08, GJ17, GZX17, IUCH+17, Kni06, Mar05, PCJ17, Wu18, BL17, CL13, Fox17a, PCC17, WT15, AF14, HF17]. internet
[BKS18, RS13, AA19, AD15, CM18, DFG18a, Den07, GED+18, GTA10, IAH+15, KC18, Li17, LWV06, LTBF11, MK15b, MB15, PCJ17, PJ18, RMCN+07, RO12b, SMH+19, SS15b, SRN+15, XPWF15, Yu18, ZIC15, ZYY+15, ZLC17a, dMd+17]. **Internet-based** [RMCN+07]. Internet-of-Things
[KC18, MK15b]. internetworking [dABV08]. interoperability [ET09, GLC07, ZBC+07]. interoperable [FABE11, MP02]. Interoperating
[CHL15]. **Interoperation** [RLS+09, HAA+07]. interplay [SD11a]. interpolation [DMC+18, MAVG16, YLWZ18]. interprediction
[RSMFE+12]. interpretable [XDP18]. interprocess [TV14]. intersection
MN10, MLA+08, Nar05, Ne05, NSSAK13, ODS+13, OM06b, PLY13, Par02.

Issue [PRD+13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QT14, QLS13, RMP+13a, RRHB13, RK01, RTMZ13, Run10, SN06, SCNH07, SA08, SF09, SF13, SFN12, SD11b, TM01, Tho07, TH10, TWB13, TFDA07, Tur04, Ur07, VK12, VCW13, Was07, WZZL13, W08, WCLC13, WD07, WDM14, W02, XZ09, XLWZ11, XBXS13, XW13, Xu08, XJZ13, YLD13, YLR+13, YLJZ13, ZWL+13, ZLY+13, Zha08, ZYH09, ZYH12, ZHZ+13, ZL09, vDS06b, AF14, CL08, CR13, CL13, DKJ16, Du18c, EL01, ESG17, Fox17a, GTGT11, GWD15, H16, HYQ17, HDV13, His15, KWXY18, LBW14, LBTH, LBFS17, LL13, NH18, OEP+15, PDD14, PCC17, QLL10, RHT13, TP14, TSS18, TBH+18, UA18, WAD12, WR17, WDGS15, Xia18, XYS17, ZZ17, BL17, HTBR12, SHT11.

Issues [Nel05, vDS06a, AAI12, DP14, GB07, GLC07, MCCG11, SWHL16].

Itanium [JLT06].

item [LH17, ZSZ+14].

item-based [LH17].

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, KKGO04, LLB04, NO02, Nak02, PSRR14, PRPG17, YGG14, YT19, ZW09].

IVM [GMMT17].

IVM-based [GMMT17].

J2EE [BG04].

JA [ISkW02, Ogi02, SIOS02].

JAC [HL06].

Jacobi [ADF+19, KYB17, RR11].

JaMP [KBVP07].

Japanese [SM02].

JASAG [AAV+15].

Java [Fox01, Fox05, Fox17a, HTW14, VK12, KvGS+14, SAdB+16, AJMJS05, AK01, ASS+05, AdSCdr+19, AFT01, Bact03, BV11, BVVEAFG11, BH05, BD01, BP03, BK05, BS03+03, CM05, CG01, Cog03, Cog04, DVL13, EFG+03, EL01, EABVG14, ETR+15, FR02, FT06, Fox17b, GYB+11, GE08, GPW03, GPW05, GS04b, HL13, HL06, HY05, KHM+11a, KB01, KBVP07, KSR14, KW01, KWK05, L05, LXP18, LAL02, LDA08, LSW07, LWC17, LGFM05, L02, MLBV05, MCY+10, MGS19, MMSG03, NMMS01, NC05, NMKB03, OGA+01, PSM03, PPMH15, PSW11, Puf13, RTET15, RS12, RHT13, RCB03, R01, Sch04, SDH+17, SCBH09, SM03, SVG12, SKR17, SPS17, TTD+11, VDPC03, VHB03, WCC05, WJH06, WB06+10, WK12, WCC04, XHH12, YP10, ZS01, ZY06, vHM08, vNMW+05, vRKS03, vRS05, vLFG101, vLGL+02].

Java [vO01].

Java-based [AK01, MCY+10, NC05, vNMW+05].

JavaBeans [LR05, YAA07].

JavaNws [KW01].

JavaScript [MG17, VCP16].

JavaSymphony [FJ05].

Jcluster [ZY06].

JCP [WBM+10].

Jee [MS05].

JEL [DvNM+11a].

Jenkins [BBA18].

JLFI [BLA+14].

Jigsaw [CWL03].

Jim [Bon13].

JIT [GE06].

JML [MPH03].

Job [BWW+08, KSM+08b, KNK+09, BLSP11, EGGA+04, GQ04, Jon09, KWL+04, LL16b, MWRK18, NV09, RMCHMG15, SR17, Sod05, TZK16, WGZ16, YCL11, ZF14].

job-centric [KSM+08b].

job-scheduling [SR17].

jobs [CNP+15, LGCC+13].

join [LFZ07, MJZ17, RR15].

joins [BG17, MMW16, WJXZ18].

Joint [dRRdCRR16, ASE+17].

Joint-analysis [dRRdCRR16].

JOPI [AJMJS05].


KeyValueServe [DIM18]. keyword [BD16, CLZ+16, DXG13, YZCT17]. keyword-based [DXG13]. keywords [LFX+08]. kidney [CLH+08].

Kinematic [ZSWZ+18]. Kirchhoff [AdCPdSD17]. kit [vLFGL01, Nov02, PvP+02, vLGL+02]. Kلونos [DHH+13]. knapsack [QW17, SSIH19]. Knights [DAC+18]. Knijnenburg [OS09]. KNL [HLA+18]. Knowledge [FZ08, LM07, SD11b, ZLAa+17, ZL09, BM16, Can06, CLTT13, Cuz11, FGP+11, KGC+19, LHX+08, LXL+09, NZKK11, OKO18, RSTV07, SKA+14, SL09, WLDL08, WQL+18, XZH+16, YTF+01, ZGL07, Zhu15, ZS19, FS07, LFH+08b, NZKK11, SPR+07, TMZ07, ZL06, Zhu07, ZDL07]. knowledge-based [Can06, OKO18, YTF+01]. known [PCsHL18]. KOALA [ME08]. Krylov [MKSS16]. Kunlun [ZGRSC10]. KWATT [QEB+10].

L [LFG05, EMS11]. label [AMZ19]. Laboratory [BBGA03]. Labs [GBB+15, TBTZ18]. labyrinth [ZDHJ18]. LAF [DXG13]. lake [SAM+17]. Lambda [KCW09]. Landing [DAC+18]. Landing-based [DAC+18]. Landis [BBB16]. landscape [KH+11b]. Language [FE18, WLR05, BGM06, CJ12, CT16, HDX+17, HAA+07, KS04, KMJ+17, LCFK10, MTGZ17, MRH14, Nob08, OOTK01, PTCN07, RSS06, SKR17, TMAG03, Wit10, ZYL+08]. languages [BDV02, CGK14, Hoh06, LWB13, MSP+19, SPBL06]. Large [AML+15, HTR10, KBF+14, LW05, PDD14, RIP18, S18, SY12, AAE+09, BH09, BGGL07, BCM+07, BZJR+10, BMPS07, CEH+06, CHM15, CBQ+11, CGN15, CWM18, CPS+14, CDH+15, DVD+12, DLX+16, DLM13, DP19, DZM+15, EBS01, ERZ+11, EJD17, FHO+15, FAPC16, FHV+13, HDFJ10, HWQ+16, HLF+17, HLL18, JAA08, JCK+13, JPWH02, KR11, KCZ+05, LB16, LXRI13, LXW+16, LFZ+17, MVWM+17, MSCS18, MFG+13,
large-data [CEH06]. Large-Scale [PDD14, HTR10, KBT14, LW05, AML15, BH09, BCM07, CHM15, CBQ11, CGN15, CWM18, CPS14, CDH15, DLX16, DP19, DZM15, ERZ11, FAPC16, HFDJ10, HWQ16, HLF17, HWL18, JAA08, JCK13, JPWH02, KCZ05, LBV16, LXRJ13, LXW16, MvWvM17, MSCS18, MCY10, MB14, MJD15, MJD17, Not16a, PAM15, QZYZ16, QLS13, SNH15, SK09, SMM18, SCBH09, SGCG09, SSIH19, SLM05, TJ17b, TJ17a, TRH02, TBK06, TRH02, TB12, VL17, WYZ17, WZXZ12, WSWL12, XBS13, YLEB14, YMLR16, ZYZ06, ZQZ16, ZHGX16, dCRS11].

LHCb [SRTG+07]. libraries [ASS08, BHL+09, CL01, MD02, TTD+11]. library [AMHC11, CAD+18, CSWB11, GDMT+12, HKRR08, JKM+17, KS05, ON01, ON02, SSU18, YB12, VFAD17, vWAH+02]. Life [LGD15, Qiu11, QFG14, QFT14, ACC+15, Bou13, GvHKK11, OGA+06, RTPPH12, YWLQ18, OKG18]. Lifemapper [WSP17]. lifetime [CLH13, DMA13, KCB017]. lifetime-aware [CLH13]. lifetime-driven [DMA13]. ligand [EDB+14, TCP+05]. light [BJC17, ON01]. light-weight [ON01]. lightpath [MvWvM+17]. lightpath-connected [MvWvM+17]. Lightweight [FLB+05, NR08, SWP17, Bac03, BC16, BBB16, CJZ+15, CCL+17, FLL+14, JZJW15, KN01, ON02, QWW+16, RBB+09, WZXZ12, vRS05]. like [CCG+08, KOB01, TWN07, XYL18]. likelihood [SLM04]. likelihood-based [SLM04]. limitation [RSPV17]. limited [KTZ+18]. limits [BGGS14]. Linda [BDM18, Men03, WCC04]. line [CRC15a, DMR+07, ESGQ+11, zGWXT09, HK01, NA15, VB16, WFKS18, WKL14, YSS+19]. line/off [zGWXT09]. linear [AAC+15, ABC19, ADI+14, ADF+19, BHL+09, BLL18, CC13, CL18, CL14, CNP+15, CGGH17, DK09, DLH01, HLYD12, HAA+17, JSS07, KGB09, KLDB10, Nak02, OHJ13, PZH+15, SD15, SLB08, YSWZ17, ZWT+18]. linear-time [DLH01, PZH+15]. linearizability [Low17]. linearly [PHY+18]. Linguistic [OO18, ECP18, MCG+08, MMBP12, OTO18]. Link [LLX15b, IHB15, LXL+09, PZH+15, WRLS12, ZLF19, ZM13, Zhu07, ZYL+08, ZZ11, ZX11]. link-based [ZM13]. linked [LBOE18, FVRM15]. links [LFZ07]. LINPACK [BCD+10, DLP03]. Linux [EEK+04, BdL06, Kar16, KF01, MKO+17b, PKB03, WJKS18]. Linyphi [DEF08]. list [DFG17, RCXS09, WLLL15, ZQW+17]. Lists [PPdSTB17]. literature [FVRM15, SN18, SKA+14]. live [EJD15, MY17, MYY18, RMP13b]. liveness [IR11]. Living [dMd+17]. LMI [EME19]. Load [FED03, MS17b, WQS+16, AS15, AR16, APHB16, BGV+01, CW11b, DBR13, DL07, EB18, EOD+19, FJ05, FE18, FT06, FGC06, GCL08, KTHL13, KL02, KMI17, KR04, LM08, LJJ+17, ML19, MKIO04, QC15, SBDP15, WJYH16, WLL03b, XBZ10, XT17, YSL+15, YZ10, ZYL10, ZEB10, ZMYA18]. Load-balanced [WQS+16]. load-balancing [EB18, FT06]. load/unload [YZ10, ZYL10]. loading [LOKW+10]. loads [LYC16]. local [AMHC11, BY12, DAC12, KHF+17, LSXL17, LW05, LLYL09, PLL14, PWH18, SL18, TJ17b, WW08, ZBZ+18, ZHW+16]. locality [BMP07, EK19, FJ05, KRS11, Mtt17c, PWMX17, PLR+14, WQS+16]. locality-aware [EK19, WQS+16]. localization [BAT13, CGL17, KBB15a, ZY12]. LoCATe [BCI+18]. LoCATe-based [BCI+18]. location [BAZ18, GMS09, JBL15, LWYM16, LWY15, MJS19, PWC+14, PC17a, SWS+18, TZL15, TC17, XZJ16b, YKD+15, ZSZ15]. location-based [BAZ18, LWYM16, PWC+14, PC17a, TZL15]. lock [ASS19, AR19, DDF+17, LB13, ON02]. lock-based [ASS19, LB13]. lock-free [AR19, DDF+17]. Lockahead [MFC18]. locking [MFC18]. locks

Management

[BAC+15, CEG+05]. Management

[Boe12, CPB07, CL08, CC09, CW11a, CR13, FAB+07, LV12, PB07b, PK08, YK10, AM15, AG17a, APH16, AKW04, BDL+15, BBB16, BAGS02, BM02, CSL+18, CRC15a, CR12, CLL14, CGN15, Den07, DMW+10, DS07, DHI14, DMM+07, DXZ+16, EGGA+04, ECP18, GCSB19, GDB+14, GT10, HMFK15, HWQ+16, HT05, HAE09, HM16, HFTQ13, JCP15, JBL16, JM19, JJGL13, JSG17, KSS+17, KCKC15, KMG+18, KO06, KF18, KTB04, KTZ+18, LFPP17, LIHHJ18, LZC09, LNCY11, LAB+06, LHXY08, LDS+08, MABP13, MBP16, MMW+12, Men03, MB18, MVML11, NDT+16, OCS01, PYKL16, PVC18, Pat08, PAM+15, PS13, PXY+07, RRBB11, RAE14, SMH+19, SIST18, SAGC08, SPJ14, SWW+16, TCDMR+17, TC12, VCP16, VvSI07, WYS16, WNT02, YLY+10, YLR+13, YESG+17b, YESG+17a, YSYS15, YLJZ13, Yu18, ZABP18, ZLC17a, ZXW16b, BD04].

Manager [MP04]. manager [MRS+10]. Managing


[Bai17, FD01, LZW+17a]. Many [COdO+11, ZYH09, ZQH12, BBD13, BRCV16, CPEA18, CS17, CZL12, CLR15, DL16, DLK+18, ELM+16, GPPR17, HCD+18, HT15, HvNJB15, HFR+17, JPS17, KQR+17, LGLA15, LL16a, MCP+12, MM17, RLMG16, SPQ+17, VDL+15, YLY04, ZYH12]. Many-Core [ZQH12, ZYH09, BHBD13, BRCV16, CPEA18, CS17, CZL12, CLR15, DL16, DLK+18, ELM+16, HvNJB15, HFR+17, JPS17, LGLA15, LL16a, MCP+12, MM17, RLMG16, SPQ+17, ZYH12]. many-task [KQR+17]. many-to-many [LY04]. Manycore

[LOSJ17, CKL17, CGGH17, SSMB15, RGB+15]. manycores [BH16, BL17]. map [AJY+15, Ano06, BFR05, DIK14, LZY+16, MWL18, SS07]. map-reduce [DIK14, MWL18]. mapping

[Ano06, BFR05, CT11b, CDN15, DSGT11, GFL04, KTM+17, MPS11, PZ11, QSRL18, RMCN+07, SW09, SSU18, VSR+07, ZDR+18]. mappings [AT17]. MapReduce [AFG16, BCCM16, DLX+16, DGL+12, DAL15, Fed13, IHA+15, KF15, KAA19, LWFL14, LH17, LWZ+17, LMX+18, LPG+14, MMW16, MLYL15, MTZ13, SGCA+16, THF15, TLX+17, UMD+13, VJK13, YXLZ16, YWT+12, ZF18, ZCL14, ZLT+16]. MapReduce-based [DLX+16, LMX+18]. MapReduce-supported [DGL+12]. maps

[Del08, LHXY08, Riz04, XDE+04]. marching [FRK12]. margin [TJ17b]. Marine [MMG+18, LLRS03]. maritime [WTEG17]. Market

[VDB09, CAC15, GS04a, KD15]. Maritime-based [VDB09, GS04a]. marketing [DFG+18b]. markets [GCO+14, GVK12, MRS+10]. Markov

CRC15a, CZL12, FBV+13, JKV+15, RGL+15, SAB15, SRM13b, WT10].
master [ACIC+13, CAG+13, PRV11]. master-worker [ACIC+13].
matching [EN16, MWPL15, PQP13, RTMZ13, TJJD+17, YSWZ17, ZZY+15].
matchmakers [DHC13]. matchmaking [WHxL15]. MATE [MCSML07].
Matera [GIL17]. material [LOKW+10, LHLH16, NAP07, Sod07].
materials [XBB13]. Mathematics [WT15]. MATLAB [PIAH12].
matrices [AKG13, CHP17, MUKY18, WZ04]. Matrix
[ALKD16, BEQOR13, AB01, Akt18b, ADMQO14, AHK+15, BCI+09, BEQOR17, CKL17, CXC+18, CWMW15, DS04, ER12, FJZ+14, GW17, GLM+16, GDMT+12, GS04b, GW15, GR14, HGW18, HT15, JLH+16, KHZN06, KS19, MRL16, MCP+12, NA15, OAS+15, PIAH12, PLR+14, SAD13, TDM+15, VS02, VFG11, WZL+17a, YDS+14, ZF18].
matrix-matrix [AB01].
matrix-sign-function [KS19].
Matrix-Vector [ALKD16, GW15].
Max [RNJM17, BTG06]. Max-flow [RNJM17].
maxflow [BC¸G14].
maximization [JZL15, KTB17, LCYJ08, ZS17].
Maximizing [KCBO17, MRS+10, MS18, PV15].
Maximum [YSWZ17, BRCV16, SLM04, TJ17b].
May [Run10, JW10].
MBSA [CCL+17].
MCSA2018 [Wu18]. ME [XHH12].
MEAD [NDP05]. mean [HW16, SC07a, CKOG10].
means [DLX+16, GMPT15, TLX+17].
measure [AMBT17a, TTL06].
measurement [BCC+05, BS09, BDP+14, CJZZ10, GBXL17, HFDJ10, JJGL13, KNT+01, MWW10, TPV17, WWL+17a, XHCL15].
measurement-based [BCC+05, JJGL13]. measures [TALT16].
measuring [dFMSPSW06, Tan12, XLYX11a, XLMHI4, HCC+15].
mechanical [Wan18a].
mechanism [AS17, BKM+07b, CLL+18, CSL+18, CLH13, DDX+06, DZL+17a, FT06, HKA+15, KGGT12, KYM17, LFW+16, LLF08, LLS15, MMBP12, MML+17, ON02, RIWS17, SGCG09, SIRP17, SYMA17, TXZ+17, WTEG17, WLP+17, ZLH+15, daAVS12, YYCH10].
mechanisms [AS19, CW09, CCT15, CLW+15, GP07, GÖ18, MEE13, OSL+01, OKW15, PG11, RHZ+17, SN18, ZWZ+18, ZYC17].
media [DA19, DFC+18b, GEBA17, MLZ19, PWC+14, PLJ18, PDCA17, XZH+16].
mediation [SGD15, Kin04]. mediator [OOTK01, RJ01].
medical [AG17b, DXWC16, KSG11, LCC+18, WNN+15].
medium [ABK+18, YBO10].
medium-altitude [ABK+18]. Meeting
[TKK+11, WAS07, WC08, Xu08].
megabyte [HSHT14].
megabyte-scale [HSHT14]. members [LZWD+15]. Membrane [QLF+06]. memoization
[MB16].
MEMoMR [YXLZ16]. Memory
[SBDP15, AAW+02, AMABS18, ACG17, BP17, BB02, BDV02, CACC11, CBZP02, CLH+11, CLT+16, DFC12, DVL13, DS15, DLT+16, EME19, GTF13, GYB+11, HT05, JLT06, KO06, KO06, LLD08, LPC+14, LSL+17, MY17, MVWJ14, MLC04, MLP04, PCVZ+04, RCM12, RLRG15, SGJ+17, SGD+18, SS07, SS15c, VL17, WS09, WFKS18, WMvP+09, XJAJ18, YGL05, YWY+10, YYS15, YHH13, ZJS+17, ZXX17, ZLQ+18, ZDR+18].
memory-based [AMABS18]. memory-supported [RCM12]. mer [GR13].
Mesh [BOB13, OKM10, CC13, DEF08, Fer13, Fer15, LB11, RLMG16, SGD+18, VLJ17, WO02, XJZ13, YHHS16, ZWXS19]. meshes [FYKW15].

mesoscale [BDY02]. message [AD02, BCM+07, BMA03, BBD10, BHBD13, CMM17, EN16, Gog11, HdV13, MP05, NMKB03, OKW15, PFU+05, RMG+10, RM11, SVS+08, SSZ14, WK14, WDV+15, AMHC11, SWL+01].

message-oriented [MP05]. message-passing [BCM+07, RMG+10, RM11, SVS+08, SSZ14]. messages [LCM+17, ZQZ+16].

meta [BKCP09, HPHB+15, XZZ+16a]. meta-analysis [XZZ+16a].

meta-predictor [BKCP09]. meta-workflows [HPHB+15].

metagenomics [WWG+11].

metagenomics [WWG+11]. metaheuristics [GIVRC+10, MM17, PSICU18].

metaphoric [PdCMdS+12]. metaphoric [GIVRC+10, MM17, PSICU18].

metascheduler [CRCC09, CHL15].

Meteor [JQSP08].

metering [ˇSˇZH17].

Method [BVGVEAFG11, NMMS01, Akt18b, AS15, BJ01, BV16, BEQOR17, BGM03, CACC11, CW11b, CNAQ18, CNP+15, DXM+17, EN19, FCY17, FNI17, FOTW04, GPW05, HLF+17, HLZD18, HWXZ08, KO06, KJS+15, KZY15, KZY+18, KC13, LWZ+17, LDXC13, LHBB15, LFH08a, LSW07, LCJ14, MKB01, MO02a, MRH14, PCD15, QLF+06, QLD+11, Roj19, SSIH19, SWZ+18, SLC+18, SLC+19, TCP+05, WZJD13, YYC10, YLD13, YGG14, YSWZ17, YZ10, ZZYW10, ZDC15, ZBB+18, ZHC+18, ZWW14, AS15].

method-level [GPW05].

methodological [GVC10, MCCG11].

methodologies [PPST09].

Methodology [LG08, ANK+17, FTRA15, HvNB15, KOO12, MHK+18, MDX14, MCS18, PCF+17, RLC16, SC07b, TBW13, Zen19].

Methods [BBSSW17, GGS+16, MÖO17, Qiu11, QFG14, QFT14, AM01, BFK+17, DFTHD18, DGJ11, DS17, Dra15, GMVRGS15, GSV03, GRS+17, GCPS+14, HR18, JSS07, KRS11, KW18, LW05, LY14, MGBC16, MM+17, MKSS16, MB02, QH10, SE01, YDB+13]. metric [CT16, NvV09, WLW14].

metrics [FJG+13, GGS+16, OORVB14, vAVS12]. MFCC [LLLS18]. MFCC-based [LLLS18].

Middleware [AJM12, ANTZ09, BCM+05, KR06, MvNK+06, MFF04, Nar05, PC17b, SN06, SCNH07, SM11, SBP12, AwdADtH09, AdSCdR+19, AHM06, Ang08, CEH+06, CC10, CMB06, CM02, CBP+04, CGB+06, CRGR+12, DDP+06, DvNM+11b, ERZ+11, FGP+11, GKG+04, HGB+08, JQSP08, JZJW15, KK13, MP05, MB12, NJ05, PGO+04, QLC04, RE03, RS11, RDP10, VSKK09, XPBS11, ZWF+06, dCGKG06, dMd+17, vHMB08, SANB08].

Migrate [YBZ+15]. migrating [KGB+09]. Migration [AdCPdS17,
ACC+12, GMS09, Joo09, KM13, KTB17, MYY18, MSP+13, MRS08, MP04, PCB+18, RPM13b, SYMA17, WDT18, YBZ+15, ZLZ15, ZLY18.

Millennium [VRMB13]. mimetic [OFR+17]. MIMO [JKV+15]. min [RNJM17, BTG06]. mini-cut [RNJM17]. MIN/MAX [BTG06]. mini [Fe15, LHBW15]. mini-app [Fe15]. mini-application [LHBW15]. minimal [BVIB19, HMM+09, PZHS18, YESG+19]. minimization [AHK+15, HLHC12, PC14, XXLL17, ZFW+17]. Minimizing [TY15, DBR13, JK13, YDL09]. Minimum [ZLZ15, BXLJ16, DLM13]. Minimum-cost [ZLZ15]. Mining [FBYO12, WCLC13, XLYX11b, ZGST08, ADK+17, CV07, CT12, CCP+15, CM18, DBH+17, EPB14, GLD17, HMM+09, HAJL16, LJP16, LLG+15, LXY17, LMX+18, LMOT10, Mal05, NJM19, SLC+18, SLC+19, TT08, THM+11, WWS+12, ZQ09, ZHJ19, ZSS18, ZKR+07, LMOT10]. mirroring [JVPI18]. misbehaving [MA+d10]. misinformation [BA19]. missions [ZJS11]. Mississippi [HBH02]. misuses [DDF+17]. Mitigating [QCB17]. mitigation [OrdSL13]. mix [HLX+16]. mixed [BDE+19, CSTV06, DSO4, KD07, Pla08, Ro19]. mixed-parallelism [DS04]. mixed-pixel [Pla08]. mixed-precision [BDE+19]. mixing [Bou06]. mixture [PPP10]. MLC [AMABS18]. Mobile [CKC09, Du18b, MWJ+10, VSB+15, WJJM17, XHH12, AKMZ13, AA16, Aia15, AMSS15, AG17b, BYN+17, BCI+18, BAS07, CWXW16, CWYX17, CL16, CJ12, DD16, DCP+17, DA15, EJF+16, GBSH01, HKA+15, JRHJ16, JHLH14, JVP118, KOO12, KKK10, LYT+17, LHT+09, MTM19, MSMA19, MABP13, MBP16, MDX14, Not16b, PYKL16, PGK11, PCD15, PRS01, QKSJ07, QMK12, RSPV17, RHS17, Sh15, SR17, SKB+17, SS15b, SSC+16, TC17, VT15, WHXZ15, WZS+15, WWL+17a, XY17, YCW08, YMM+10, YCWH07, YNX+16, ZMDD11, ZY12, ZZ18, vHMBO8, DD16, JM19, MWJ+10]. Mobile-Grid [MWJ+10]. Mobility [Den07, CLR18, MBP16, MJ11]. mode [AAF17, AR19, KB18, PLL17]. mode-directed [AR19]. Model [CLR18, LGG16, MK12, ABGT+12, ASWR12, AMGCC17, AKM+06, ABG+13, Bac03, BV16, BVGVEA11, BCCM16, BCDlCT06, BXLJ16, BDY02, BBB+14, BAZ09, BBD10, BDG+10, BBSW17, CL01, CAC+08, CTY15, CZWH07, CXPL15, CWXW16, CN16, DD17, DCJ14, DWC09, DLZ16, DHC11, EMEY14, EJID15, FCY17, Fec12, FBV+17, GQ04, GD06, GWVP+14, GC18, GVP+14, HZHP09, HW16, HY12, ID18, JAA08, KA09, KV12, KCW09, KKK+19, KHL17b, KHZ+15, LYN+12, Lan17, LLWS09, LKPM09, LXP+12, LZ02, LL+15a, LZL+17b, LF17, LCW+17, LFH08a, LZX08, LZC09, LWLZ11, LXW17, LLRS19, LSP15, MLS+15, MLG15, MTGZ17, MS13, MRMC15, MHH16, MZW+16, MBC+14, MGN+08, MSV+10, MCC16, MKSS16, NO02, PP17, PA+d17, PSW11, RCR+15, RHL+18, SMH+19, SNH15, SS17a, SJW18, SKK01, SK04, SvDO15, SS18, SR17, SSZ14, SE01, SZR16, TYHL12, TCSBMBG17]. model [TFG+12, TSDKH12, TLPS18, TW07, TMAG03, TSKM18, Tru15, VCC13, WCXW16, WLZ17, WZL+17a, WDB18, WBB+07, XDL+11, XTZ10, XLHT17, XDP18, XXX+16, YGL05,
Model-based [LGG16, BAZ09, EMEY14, Lan17, PSW11, YHH13].

Model-driven [KHZ15, XDL11].

Modeling [ADMQO14, Bai17, CGIP16, DD16, DLH01, DAL15, FPC15, MBC14, RR15, SPZ10, TSS18, XWFH08, XM02, ZDA+07, ZACG16, ZABP18].

Modelling [MS10, BBPV05, BWHS18, BBGA03, Eng15, GPP18, IAH15, LG08, LJML10, PIGK16, RW10, dFMSPSW06, SCV08, VGL06, vSB06].

Models [BJ18, Fox10, LLMK18, OM06b, SRdS09, AGMR05, AFG05, ABDR13, BH16, BL17, BDY03, BAGS02, CLH08, CLRB15, DvdS06, DLM13, GRS+17, HTHW16, MMSG17, PA18].

Modern [Wu18, BCI09, CGST17, HTHW16, MMSG17, PA18].

modes [JMF09, RR11].

modified [ZCW18, ZCH18].

Modifying [VˇSC17].

Modular [MPHL03, CZO08, DBGA16, YF13].

modulation [LLQL14].

modules [FGC06, ISS02].

MOEA [ACIC13].

moldable [Hun15, SO16].

molecular [AHP13, BDW14, BBGA03, DCD14, DLK18, EB14, GKS09, GBG+14, KF11, LGL16a, PSICU18, RMCN+07, TCP+05, WJT+14].

moment [JW10].

monitor [BKHO8, CCC06].

Monitoring [CPG+16, Akt18a, BFH17, BAT13, FLB+05, GIL17, HFDJ10, HGB+08, JBL16, LTL+17, LLI15, MMB+17, NNM+10, QLC04, SWD+15, TBK+15, XBXS13, ZSZ+14, ZYZC17, MCSML07].

monitors [CMPT08].

Monte [CCO15a, ATVL14, GQH17, KDC17, NDT+16, RDP10, SS15c, WJD13].

MOPSO [WSZ+18].

Morton [TBK06].

MoSGrid [HPHB15].

most [EZJ18].

motif [DRZ13, FMS15].

motion [ABG+13, Qi17, TNH15, TNI16].

motor [WCZ+18].

move [Ros06].

movement [BCD+02].

Mover [AC08].

Moving [LTKF11, ATSAK15, DMC+18, LOSJ17].

MpcCI [JK06].

MPDATA [RIWS17, RWK17].

MPI [ABF+17, BDB+13, BR04, CC10, CDMS15, DL10, DDB+16, EDVS09, FA18, FMS15, FLB+05, HRR+11, KC06, LGG16, LL01, LZC+02, LKJ03, LCC+03, LKYS04, LSK04, MTK16, MVW+10, NO02, NSBR07, PDY14, PTL+16, QBI2, WLR05, YWC11].

MPI-2 [LSK04].

MPI-CHECK [LCC+03].

MPI-IO [DL10, LGG16].

MPI/RT [SKD+04].

MPI/RT-1.1 [SKD+04].

MPI2007 [MVW+10].

mpiBLAST [YHK09].

MPICH [LKJ03].

MPLS [TAMC19].

MPMD [KB18].

MPSO [FTT15].

MPTCP [CSL+18].

MPTCP-based [CSL+18].

MR [SRM13b].

MR-search [SRM13b].

MRMOGA [JC07].

MS [CV07].

MS-Analyzer [CV07].

Ms8.1 [ZGRSC10].

MSBNs [AC09].

MTA [BS04].

MTA-2 [BS04].

Multi [AR19, BAT13, CCC12a, CWYX17, CNAQ18,
CCTW11, DL07, EJD17, KH12, MM17, OKP16, RHaR+19, SG18, TSL15, WJ12, WBD+03, XZ09, ZYH09, ALKD16, AT01, AFGL09, AYN+14, ART14, AMTM17, ACCM17, BPL12, BIK+11, BKSM+15, BDY03, BRVC16, CPEA18, dCPD13, CKOG10, CZG16, CZL+17, CLW+18, CCW+15, CZ15b, C116, DCJ12, DM18, DMC+18, DCCZ18, DLZ16, DP19, DWC+15, DXZ+16, DA15, EFG+03, EHSU07, EJF+16, EFA+17, GWW17, GKP+19, GLM+16, GMMT17, GPVcdBRO12, HJB12, HTHW16, HKAC14, HFR+17, HM16, HAA+07, HAA+17, IZXM09, JvAB+15, JCVU15, JC07, JQL+15, JL10, JN09, JKS11, KOOB15, LDPZ14, LWX+16, LZL17a, LPY+08, LQL+09, LSMVML15, MGB16, MH15+05, MS07, MFG+13, MH07, MSB17, MML16, MIVBW12, ML+10, OLG+15, OAS+15, OM06a, PRS16, PZ11, PRT09, PTCN07, PS18U18, Pu13, QCB17. multi [RHBK11, RHL+18, SKK02, SAD13, SLV12, SAP16, SWW+16, SMFM18, SL+15, SVN12, TYL+15, TKS18, TMAG03, VGN+16, VLF+13, WLWX14, WJYH16, WLWX16, WF12S818, X1LHT17, YCL11, YL11, ZSWS18, ZWL+13, ZM13, ZQ+16, ZDR+18, ZCL+18, ZZZ+15, ZJL15, ZZZ+17a, ZGW17, dCRS11, vdKEL10, SAP16]. Multi-[ZYH09, CPEA18].

multi-agent [CGN15, CN16, EFA+17, GPVcdBRO12, HM16, OM06a, RHL+18].

multi-asset [DCJ12]. multi-channel [DXZ+16]. multi-class [DP19].


multi-constraint [SKK02]. multi-coprocessor [DWC+15].

Multi-core [XZ09, AYN+14, ART14, AMTM17, ACCM17, BRCV16, CZG16, CZL+17, GLM+16, HTHW16, HKAC14, HFR+17, IZXM09, JPS17, KSG11, LQL+09, MGB16, MSB17, OAS+15, PZ11, RHBK11, SWW+16, ST+15, SEF+14, TYL+15, WJYH16, ZZL+17a]. multi-cores [BKSM+15, ZQ+16, ZDR+18].

multi-CPU [SAP16]. multi-CPU/multi-GPU [SAP16].

multi-exponentiations [TKS18]. multi-functional [LDPZ14].

Multi-GPU [CNAQ18, KH12, GMMT17, VLF+13, ZCL+18, dCRS11, SAP16].

multi-GPUs [SICU18]. multi-grained [ML+10]. multi-graphics [GWW17, OLG+15, SAD13]. Multi-hop [BAT13, MS07].

multi-infrastructure [JvAB+15]. Multi-installment [DL07].

multi-kernel [SAP16]. multi-language [HAA+07, PTCN07].

Multi-layered [OKP16]. multi-layers [LZL17a]. Multi-level [C112a, BPL12, CCW+15, HJB12, LPY+08, WF12S818, ZZZ+15].

multi-linear [HAA+17]. Multi-objective [RHaR+19, SG18, GKP+19, JCVU15, JC07, KOOB15, MHL0+05, XLHT17, vdKEL10].


multi-processor [AFGL09, MGBC16, Pu13]. multi-programmed

Naming [GMS09], nanosecond [GCO+14]. nanotubes [BBSW17]. NASA [NNON02]. Nash [HJTX17]. national [CW07, GBMM15, HSM14, PCsHL18, HGT14]. native [CCP+15, SW12]. natural [GRTX18]. Nature [TTPJ16]. Nature-inspired [TTPJ16]. Navier [DdB01, FBV+13, GSV03, HKB07]. navigation [EJD17, SHT+17]. NCF [PWJ10]. nDT [AMVOSGAC17]. Near [XWH+17, CCW04, JCVU15]. Near-optimal [XWH+17]. near-perfect [JCVU15]. Nearest [CACC11, ATI14, KH12]. nearly [LZWD+15]. Neat [BB15]. necessary [LFG05]. need [MRS+09]. negative [MKO+17a]. negotiation [ADSV16, CK13, CDL08, KZY15, RCKV12]. negotiation-based [KZY15]. neighbor [KH12, QW17]. neighbors [ATI14, CACC11]. Neighbourhood [De08, ANH16, ZQK15]. neighbourhood-pair [ANH16]. NERSC [DAC+18, HCD+18]. Nested [RHL+18, TXY+16, ZLKK17]. net [GHB+06, PP17, SS17a, WDQ+18, XWD+12, SGG07]. net-based [SS17a, WDQ+18, XWD+12]. NetBuild [MD02]. netCDF [LGL+17]. netCDF-based [LGL+17]. nets [DPS07, MRMC15, TDL+18, EB10]. nets-based [MRMC15]. NetSolve [ACD02]. Network [DCP+17, HF17, Jon09, MRL16, XZ09, ZWH+17, AI17, AAQR+17, ACGG06, AVS+19, AZF+12, AKW04, BBK11, BDF15, BSZ09, CEH+06, CLL+18, CRCC09, CCK+17, CLZX10, CZ11, CWXW16, CDW17, CKRO13, CSB+16, CT11b, CDF+17, CM18, CS13, DFLNP07, DGL+12, EFA+17, GZG+16, GBM15, HM12, HDX+17, HYX05, HFTQ13, IZXM09, JCI17, JWW17, JK10, Jun16, KHH13, KHL17b, KKT13, KC18, KWXY18, LJJP16, LDPZ14, LL15, LZL17a, LDXC13, LLyL16, LLYC16, LWY+17, LAL02, MTM19, MTGZ17, MS07, MAS+14, MRP+18, NSSAK13, NSSAK16, NQL+17, NJM19, Not16b, OORVB14, PFC14, PCsHL18, PZH+15, PAM+15, QD17, QZH16, SFCAV16, SZH17, SMS+19, SK17, SPW09, SG18, Tan15, TYTY15, TC17, TPV17, ULS03, WLZ11, WMA07, WLP+17, Wan18a, WGG+18, WL02, XWX+17, XTZ10, XHZ12, XADLC15, XBW+15, XZZ+16a, XLL+15, XL17, YCZ+13, YWLQ18, YLLC18, YLZ18, ZPG10].
network [ZY12, ZSL+15, ZWLY16, ZHC+18, ZLW+18, ZWXS19, ZKJ+07, ZHGX16, ZCXH17, ZYL+08, ZZ11, ZX11, LLX15b]. Network-aware [DCP+17, Jon09, MRL16, CEH+06, CRCC09]. network-based [EFA+17, HFTQ13, JWW17, LAL02]. network-bound [CT11b]. network-enabled [DFLNP07]. network-on-chip [XLL+15]. networked [CRGR+12, LLL15, WR17]. Networking [ZDL07, DAC+18, JZJW15, LCM+17, RS13, RLVRGÁ14, WHXzL15, Zhu07]. Networks [AM07, HJTX17, SG19, XLWZ11, Aia15, AQRA+18, AS15, AAF17, AHA+18, AMP+18, ALL+15, BA19, BPdM06, BFH17, BBB16, BAT13, CLL+18, CLX07, CQXW14, CWYY17, CPD+17, CLH13, CGKW13, CFP+03, CFTT17, CCM+17, CNPP09, CLW+15, CEB+18, CMD17, DLJ15, DLPV07, DFC12, Del08, DGW16, Den07, DFH10, DEFO8, DXHL17, DMA13, DMM+07, DA15, EB10, ESG17, ETR+15, FXX16, FAM+18, FH13, FBV+17, GS08, GHMX13, GGFPGB14, GLL16, HZC+14, HKA+15, HWQ+16, HLF+17, HCS18, HHL17, JHH15, JNUH17, JAA08, JBL15, JSPE15, JWY+17, JZJW13, JKZ03, KOO12, KKK10, KA16, KCOB17, KKW+14, KMAO4, KADB07, KDW+17, Li04, LXP+12, LL13, LLC+15a, LWG+15, LGY17, LFZ07, LAM+09, LMO15, LMCY13, LLZ+17b, LXL+09, MSMA19, MVWJ17, MZ06, MDX14, MMBP12, MOK04, MLRR09, MO15, ORdSL13, ORP+15, PF12, PMB15, PCD15, QLLS15]. networks [QSX+17, QWW+16, QKSV07, QMK12, RCB+04, RNJM17, RSPV17, RMP13b, RH07, SAKO04, SCS17a, SWS+18, SK17, SC07a, SAM+17, TKA13, TAMC19, TZY13, TZG+19, TLWZ14, Tru15, UWM18, VRDTB+16, VvSL07, WTEG17, WBZ10, WYQ+13, WZS+15, WWL+17a, WMC17, WCZ+18, WDW+15, XBK17, XW13, XBW+15, XYL18, XZZ13, XGXH15, XZT+11, XLL+12, XLL+18, YBO10, YGW17, YHHS16, YKD+15, YYZ+17, YESG+17b, YESG+17a, YESG+19, YWM+10, YQL+15, YLJ13, YMLR16, ZK08, ZLF19, ZWS18, ZQLZ12, ZJL13, ZGS17, ZLAA+17, ZACG16, ZFW+17, ZGX11, ZLA+15, ZCS06, ZKWK17, ZTGW17, dCRS11, dCHMJ12]. networks-on-chip [GGFPGB14]. Neural [EFA+17, ACGG06, DFC12, DMM+07, JWW17, LLZ+17b, QSX+17, TLPS18, Wan18a, WCZ+18, YWLQ18, YYZ+17, YLZ18, ZLW+18, ZCXX17]. neuronal [dCRS11]. Neuroscience [BDMM+05, SBJ+15, SvDO15, SMY+15]. neutrality [YLLC18]. Neutralizer [YDL09]. Neutron [CGK+07, CGK+07]. news [LLZ+17a, ZW09]. NEWT [CS15]. Newton [vEGW06]. Next [Ang07, Can06, CS06, Aia15, CDL08, CPS+14, GPS+07, KMJJ14, MSL+14, UAW09]. Next-generation [Ang07, Can06, CS06, CPS+14, GPS+07, KMJJ14, MSL+14]. NG [RHD+16]. NIC [Gog11]. NIC-assisted [Gog11]. no [LSS15]. Noah [BDG08]. noC [GGLD11]. noCS [ZLC17b]. node [CEB+18, DLJ15, DD+06, HJB12, SS18, XGXH15, ZQLZ12, ZQW+17]. nodes [AMVOSGAC17, DWC+15, LWW+17, MMB+17, PGL+17, VT15, ZWLY16].
noise [GA09, PWJ10, XLYX11a]. Non
[BVIB19, BCM15, YTD17, CL18, CLH+11, CS17, DPS07, LLH+18, LLYL09, SJVR15, SSMB15, TVCB18, XWD+12, YWLQ18, YESG+19, dSGD14].

non-binary [LLH+18], non-cache-coherent [CS17]. Non-clairvoyant
[BCM15, dSGD14], non-deterministic [SSMB15], non-dominated
[SJVR15]. Non-GPU-resident [YTD17]. non-life [YWLQ18], non-linear
[CL18]. non-Markovian [DPS07, XWD+12], non-memory [CLH+11].

Non-minimal [BVIB19, YESG+19], non-singleton [TVCB18].

Non-blocking [RTET15], nonblockingly
[DGW16]. Nonintrusive [TC12]. Nonlinear
[LW13, CHM15, DS15, VDPC03, ZC18], nonnegative [ZF18].

Nonnegative [ZF18]. Nonrepudiation [HHPL16]. nontable
[CMVRRVGI17]. Nonsubsampled [PJW+14]. nonuniform [XGXH15].

Nokia [Mill91]. NORIA [MRMC15]. normalized [PLL14]. North
[ZZYW10]. NoSQL [HWZ+15, HWY+17].

Note [Ano13, Ano15d, Ano15b, Ano15c, RBNG15], nothing [BOF15].

notifications [BVIB19]. Novel [ZS17, ABFL17, BOB13, GWW17, GYS+17, HZHP09, HYL+15, HCG07, JML+16, JN03, LSH+16, LWZ+17, MZJ17, MTGZ17, PZH+15, PSIP16, RMCHMG15, SLR+18, SLR+19, VRDB+16, WZL+17a, WZXZ12, YLL+18].

Novo [LGL16a]. Novo-G# [LGL16a]. NPACI [NCWD04, PKB03]. Nsp [CLL14]. NT
[KF01]. Nu [BTCGL17]. nuclear [GDR+07, GIVRC+10]. nucleation
[HTR10]. null [MKO+17a]. NUMA [Cha03, ZL15]. number
[KMRT18, LMO15, PPMH15]. numbers [RTPPH12]. Numerical
[LHKW+10, DFL14, GSB+12, HTR10, MAVG16, MB02, Nob08]. numerics
[TGB+10]. NVIDIA [LSH+16, VLMP+18, VFG11]. NWChem [HKS+12].
OFDM [CLZ+17, HJTX17]. OFDMA [ZJL13]. off [AAC+15, DD17, DMR+07, HBKM06, KAL07, XLYL17, YLLZ09, GHMX13].
off-line [DMR+07, zGWXT09]. official [Cog03]. Offline [Dan11, LJW+17, RLZ15, TY15]. Offline/online [LJW+17].
offloading [JVP18, MKO+17b, XZH+17]. offset [HM12]. OGC [DCY+08]. OGCE [ZKA07]. OGSA [AKK+07, AAB+05, LHT+09]. OGSA-based [LHT+09].
OGSA-DAI [AKK+07, AAB+05]. OGSI [Slo06]. oil [KCZ+05, MBP+05, PML+05]. OLP [KLP+08]. oligonucleotide [MKKB04]. Olympic [PdCMdS+12]. OmpSs [ABF+17]. on-board [ZJS11].
On-demand [ASWR12, CCSS10, LL10, MS17a, MS17b, MS18]. on-line [CRC15a, zGWXT09]. on-line/off-line [zGWXT09].
one-class [God12]. one-sided [CS17, DBB+16, KYBV17, LSK04]. on-the-fly [PS07]. One [God12, Hun15].
Open [BFG01, BAZ18, BZB17, DDP+14, DGA+10, KMJ+17, KZY15, MRJ+14, Men03, MGM+08, Nob08, PSLC11, PPC+15, TTL06, YWA07].
operations [Cha03, LBDS15, MW18, PT12, SRZ16, YL01]. operational [YGL05]. operations [AAI12, DHM14, DCK+18, HKRR08, JLT06, KPN18, KLDB10, LZY+16, OK15, SGCA+16, ZX11].
operator [ABFL17, CLNR18, DPS16]. opinion [CDdW17]. opportunities [ZTM12]. Opportunistic [EB10, CC10, CPD+17, CCM+17, CEB+18, DKKL06, FBC10, dAGC11, HM12, NQL+17, PGK11, SMH+19, SWS+18, TYHL12, ZQLZ12].
Optimal [BB12, BDP18, CCCW13, CLNR18, KB06, KB17, AMVOSGAC17, CSBL12, CW11b, DKJ13, ER12, JR19, JL10, JKV+15, KA16, LS15, LQL+15, PTL+16, RCA+12, SJW18, WXLM19, XWH+17, ZQK15]. optimality [Mal05, Viv03]. Optimally [MUKY18]. optimisation [EFM17, GCWE15, GKP+19, GvDHS12, YOBS16]. optimism [LLT09]. Optimistic [SSMB15, RM11, XPS+15]. Optimization [DVD+12, KAA19, MYY18, MB18, MO02b, OA02, PSM+11, PXY+07, ZDX12, ALKR16, ANK+17, BLL18, BKS18, BSP11, dCPD13, CSL12, CLW+18, CL07, CEM+17, DPM17, DBH+17, EN19, EQW+18, GWW17, GPP+18, HLL+15, HAA+07, JLT06, KHL17b, KKT13, KAR17, LWY+16, LZW+17a, LLLyL16, LGL16b, LSMVML15, MB17, MS17a, MS18, MHLG+05, MRL16, MS17c, MBP+05, MCB14, MCB+02, MP17, NRR15, PWH18, PLR+14, QSMK04, RK15, SWH08, SL18, SD11a, SG18, TLX+17, TPT+18, TV14, VJHB05, WSL15, Wan18b, WCCL05, WMvP+09, XDE+04, YYZ+17, YPLJ11, ZHT08, ZT09, ZS17, ZCC+17, ZCH+18, ZLY18, MS17b]. optimization-based [TV14]. optimizations [JCVU15, KKL09, LL16c, SAdB+16, VHBB03, VCW13, dARP17]. optimize [TLM17]. Optimized [KL12a, ZJKL10, ABF+10, BWD15, FNI17, IHB15, JK10, KCB09, KMJ+17, KK+14, LH17, ML19, MFC18, PDC16, VS02, YWLQ18, ZWL+15]. Optimizer [KB17]. Optimizing [BH09, BYN+17, BKB11, Cha03, CQXW14, CCG+08, GE06, HM12, HWZ+15, ITK09, KHL+17a, KR11, PSCK+15, RKS02, RC09, RSMFE+12, SK09, SRL+14, TK10, VS11, XY17, ZYZ+12, CSC+17, DAL15, EDBS08, LF15, LXH+16, LHC+07, MSB17, TSK16, WTM07]. optimum [SS17b]. option [CCO15a, HLCW15, LL16a, TTPJ16, ZO14]. options [DCJ12, PW12, TZK12]. Opto [PWH18]. Opto-electric [PWH18]. orchestration [JDB16, LM08, MK15a, PPC+15, RBNG15, SHP14]. order [BBSW17, CCM+17, KHHHC13, LW13, MSV+10, PCT04, WFKS18, ZCXX17, RC09]. order-based [PCT04]. ordering [KYBV17, RMCHM15]. organization [CCTW11, DD+06, PLY13, PRT09, ZBC+07]. organizational [XZZ+16a]. organizations [CG10, CRSB09, PCH+08, ZYN+07]. organized [KOO12, KYM17, LAM+09]. organizing [HM16, PB12, RIFR10, XDE+04, ZWM12]. oriented [AM01, AAHRW04, ACS10, BR10, BGM03, BAVM11, BM08, BML08, CL01, CLTT13, CSG15, CLH+08, CBIGL19, DMRS15, DLH01, DZL+17b, EAVBGV14, EBO5, GYM14, GKG+04, GMF01, HuaLG03, HK02, HWR03, HFTQ13, JBL16, JLC407, KS04, KKK+19, KJS+15, KJS+15, KJS+15, LKH08a, MCWL06, MP05, MLC04, MSS16, OCS01, Pre01, QZY16, QSMK04, ROA+07, RO101, RW10, RSH17, RDP10, SBBE07, SKK01, SWL+01, TTV08, TGB+10, WBHH08, WZLL13, WL+18, YLJZ13, YB12, ZFT08, Zhe16]. Origin [LL01, LSK04, PI04]. origins [Arz17]. orthogonal
68
[LZW13, LCJ14, RRR04]. orthologous [COdO+ 11]. other [KHW05, Sod05].
out-degree [ZWLY16]. Out-of-core [ABC+ 15, GdMK+ 18]. out-of-the-box
[XHCL15]. outbreak [SMS+ 19]. outdated [HZL+ 16]. outlier [SL18].
output [AAI12]. outreach [AMRT14]. outsourced
[KTZ+ 18, LJW+ 17, QZDJ16, WDLL10, WYBS16, YLWZ18]. outsourcing
[SKB+ 17, SWW+ 16, WZL+ 17b]. overcome [SMH+ 19]. overflow [LWW06].
overhead [ALYD17, MA15, Tan12, YLLZ09]. overheads [LLdA08].
overlapped [GBFP09]. overlapping [PGW06, Yos06]. overlay
[KA16, LWF+ 15, RIFR10, RH07, SAM+ 17, VvSI07]. overlays [BDF15].
overload [QCB17]. oversubscription [DGW16]. overview
[DCG15, SWHL16]. ownership [PNB04].
P [Ano06, Kac11, RGL+ 15, CWL03]. P-GRADE [Kac11]. p-Jigsaw
[CWL03]. P2P
[Ang08, BGdCCA11, BKH08, CLX07, CZ11, CT11b, CLW+ 15, Del08,
JLHH14, KA16, RH07, XPBS11, XPS+ 15, XBZ10, ZEB10, dAAVS12].
P2P-based [XBZ10, ZEB10]. P2Pedia [DCEK15]. P2PGrid [CLX07].
P2PPerf [EDBS08]. P2PScheMe [dAAVS12]. PaaS [DPM17, PB16]. PAC
[WLL14]. Pacific [IUCH+ 17, PC17b]. package [PSM+ 11, Sch04, WO14].
package/access [Sch04]. packed [BGGL07]. packet
[ALL+ 15, CKRO13, GGLD11, HLG17, LZL+ 17b, STO17, ZL12]. packing
[RGX+ 17]. pad [YWY+ 10]. PADP [YXL17]. PADTAD [Ur07]. page
[ID18, PZZ08, PZZ10, ZZD+ 17]. PageRank [LSXL17, PCD15]. pair
PALF [LYL07]. Palirria [VB16]. Palladio [BWEB14]. PALM [BPD06].
Papers
[AHP+ 13, BHD13, BKZ+ 13, BDB+ 13, CWZL13, CCCW13, dOCPFJ13,
CLTT13, CKRO13, CAG+ 13, CMT13, CS13, DRZ13, DRS+ 13, DVL13,
DLM13, DH13, EBMD13, ETR+ 13, HL13, HMPPT13, HFTQ13, JJGL13,
KM13, LXRJ13, LMKT13, LDXC13, LW13, MWL+ 13, MS13, MSP+ 13,
MFG+ 13, MISV13, NSSAK13, ODS+ 13, PLY13, PRD+ 13, PB07b, PK08,
Puf13, QLS13, RMP+ 13a, RHRB13, RTMZ13, SRF13, TWB13, VCW13,
WAS07, WZZL13, WC08, WCLC13, XBXS13, XW13, Xu08, XJZ13, YLD13,
YLR+ 13, YLJZ13, ZWL+ 13, ZLY+ 13, ZLN+ 13, ZHZ+ 13, GZX17, PDD14].
PAR-3D-BLAST [SL14]. paradigm [CKL19, CKBB14, FJ05, GED+ 18,
KSK19, PRS01, TBH+ 18, ZBP06, ZF18, ZDC+ 09]. paradigms
[CS13, GWC+ 11, LMS18, MLS+ 12, PRS01]. Parallel
[AMHC11, AMTM17, Ano15a, AMZ19, AT18, BGGS14, BJ18, BHQOS15,
Bok12, BDY02, BLKD08, CPEA18, CC13, CMVRRVGI17, CMPT08,
CACC11, CCW06, CSTV06, ČSMK17, DCG11, DSO+ 01, FLMRC02,
FCT+ 02, GKSR14, GA08, GSV03, GKK09, GJ17, GZX17, HLCW15, HM04,
ISS+ 02, JN03, JKV+ 15, KRW17, Kni06, KLP+ 08, KB12, LSXL17, LJPP16,
LKPM09, LS05, LBH07, MMW16, MKB01, MSD+ 18, MQOQOH01,
MSM+ 14, NO02, Nak02, OLG+ 15, PCVZ+ 04, PIH04, Pla08, PPP10, PA08,


QSMK04, RSM01, RTPPH12, SPMP11, SKK02, SG16, Str11, SN16, SEF+14, TTD+05, TFDA07, WZ04, WCH+07, WT15, YA04, YT19, ZP07, ZLZ+17, ZZZ+15, vAVS12, AAP13, AA16, ABF+10, AML+15, ABF+17, ABC19, ABV05, AC09, Ano06, ADK+16, ATI17, ACIC+13, dRADFG17, BGGL07, BJ01, BFR05, BCD+02, BG14, BCG02, BB02, BB04]. parallel
[BCM+07, BDl06, BV11, BKND16, BZB17, BCC+05, DFR02, BG14, BBCG02, BB02, BB04]. parallel
[BCM+07, BdL06, BV11, BKND16, BZB17, BCC+05, BDV02, CML+10, CDA09, CT11a, CL14, CLYC16, CNKJ18, CCW04, CZL+17, Cho01, CGS15, CNP+15, CZL12, CLR15, CCT15, CRV15, DDP+06, DCJ12, DVB14, DLM+16, DPP03, DS04, Dd01, DLM13, DDF+15, DZL+17a, DvNM+11a, DT01, EM16, EOD+19, ESG11, FBH+01, FJ05, Fec12, FLYL16, FBV13, FYKW15, GWW17, GL19, GMT07, GGO9, GG15, GDMT17, GQ04, GDMT+12, GM04, GE08, GvDHS12, GWC+11, GN04, HKVW16, HMM+09, HPVRF14, HvD13, HST14, HLO+16, HW16, ITK09, ID18, ISO+14, IPGCM18, IT03, JML+16, JLCA07, KGK17, KOB01, KHZN06, KM03, Kes04, KL12a, KTR11, KOOB15, KRS11, KPS14, KYBV17, KR11, LW05, LLRS03, LK03, LPH09, LM07, LDZ14b, LL15, LGQ+17, LWL17, LG08, LF17, LCW+17, LH+17, LH+17, LMX+18]. parallel
[LSP15, LB11, MRL+16, MST+05, ML19, MJL01, MRS03, MMSG17, MBC+14, MCD18, MPSGD14, MJ15, MCD18, MCC16, MGFE19, MLY17, MAK18, MVW+10, MDL+10, NSBR07, NMM+10, NC05, NV09, NN02, NS+16, OD+13, PW12, PG03, PPMH15, PS10, PV04, PRC+14, PSM+11, PPST09, PSS+18, PT12, PAC+17, PSCK+15, PZ17, QW17, QH10, RR15, Rec01, RR11, RGL+15, RLVRGA14, SL14, dFMSPW06, SV09, SAB15, SJW18, SHT+17, SRM13a, SRM13b, SER15, SK04, SM18, SCBH09, Ssc17, SM03, SL18, SBPD15, STTW18, SM+07, SGD+18, SVS+08, SL05, SK18, SN18, SS5c, TYL+15, TLX+17, TCSBMG17, TY15, TKS18, TCH+13, TSDK18, TF03, TBH+18, VCP16, WLLL15, WDG+14, WCR+14, WBO16, WWLD18, WZL18, WLM14, WMDM07, WLL03a, WS17, XPSB11, XCY13]. parallel
[XXL17, XLYL17, YCH10, YWC11, YGG14, YXL17, Yos06, YL01, YB12, ZF14, ZY06, ZP06, ZSZ+14, ZYW+16, ZZZ+17, ZYTL06, ZZZ+17, Zhu18, dCGK06, dOO0+12, vHvdSvL03, vHM08, CM07b, JWY+05, PNL10, SMT07, PJBP17, TL14, Ur07]. parallel-in-time [MCC18]. parallel/distributed [MCC18]. parallelisation [RVVP+17].

Parallelism [BPL12, VRJSJ15, ABFL17, DS04, FJ05, GVC10, HJB12, MB14, NSN+17, Nev17, OGA+18, VB16, GDD+04, MMS07, PGdCJ+18].

Parallelism-based [VRSJ15]. Parallelization [GB07, HKB07, Riz04, SS15a, SSK11, TRH+02, ZZZ+17a, ZZL+17b, AUHWJ19, CEM+17, DT15b, FSG19, HC07, LF17, MUKY18, PSJMI3, SMT07, TRW07]. parallelize [SJVR15, SPW09]. Parallelized [GPV09, MCAK14]. Parallelizing [HBL+09, BHPS14, CCP+15, D09, KSS+17, LXW+16, LZJ+18, LLRS19, BY12, Dut17, YTF+01]. ParaMEDIC [BFL+10]. parameter
[AAE+09, ISO+14, KHL+17a, RMCN+07, SL18, YGG14, YK10, Zhu18]. Parameterizable [ZCL14]. parameterized [CHM15, SS07]. parameters

Parameterizable [ZCL14]. parameterized [CHM15, SS07]. parameters
[BAG17, JCVU15, OORVB14, WLZ17, ZWZ+18, ZDHJ18]. Parametric
[vEGW06, lAE11, KS04]. parasite [LRS03]. Pareto
[KB17, MHLC+05, Mal05, RLVRG14, TZE16]. Pareto-based
[KB17, MHLC+05]. parity [LDZ+15, PK17]. parity-check [LDZ+15]. Park
[Mar19]. parsimony [JSVR17]. Partial
[ASP19, ZHW+16, BJ01, DFL14, KKW+14, LWLZ11, MCG+08, PS10].
Partially [XLL+15]. participatory [BvI10, C0F15]. Particle
[KHL17, AA16, BDY02, BDY03, CDP17, EN19, HR18, MLVB05, PWH18, QH10, VDL+15, XDE+04, ZHT08, ZS17].
particle-in-cell [MLVB05, QH10, VDL+15]. partition
[LZ15, PK17]. partitioned [LDZ+15]. partitioning [BTCB16, DZL+17a, HWZ+15, LZW17b, PZZ08, PZZ10]. partitioning-based [GPZ04, SHC+16]. partitioning [ZDB+14].
partitioning-based [GPZ04, SHC+16]. Partner
[HAJL16, HTJX17, MABP13, MBP16]. party
[FIO15, WLWX14, WLWX16, ZZC15]. Pascal [CCO+15b]. PASS
[DT15b, BM07, CSL+18, HLZD18, KC18, LH+15, MSMA19, RC09, VO15]. paths [GP07, ZWXS19]. pathways [LTM+14]. patients [ZBZ+15]. Pattern
[TTR+10, ATKH+17, dRADFG17, BBG17, BLL18, CGS15, DCFC08, FBC10, GdMK+18, SAdB+16, WZ16, Z0+18]. pattern-based [BBG17, BLL18]. patterns
[AAF+07, CT12, DT15a, GYS+17, HHHW08, LJPM16, WMD07, ZJKL10]. PAWN [JNUH17]. payload [JNUH17]. payload-based [JNUH17]. Payment
[CDL08, Du18b]. PBlaman [BWEB14]. PBS [Cla18]. PC
[HON04, LKYS04, SNGR18]. PCR [ALVY05]. PDA [PB07a]. PDE
[ALKD16, EFY17]. PDE-based [ALKD16, EFY17]. PDEs [CNKJ18, J03].
PDNOC [XLL+15]. peak [LM08, YZZ+10]. pedestrian [XT+18]. Peer
[Man08, Zha08, BM10, BA18, CRC15a, DCE15, DS07, DvNM+11b, ED08, EB05, FG16, FPR05, GS08, LDC13, LNZ08, LFZ07, LAM+09, MABP13, MME13, NR08, PGW+08, QMK12, RG09, SCA+07, TLZW14, Tru15, XLL+12, ZK08, ZCS06, dP06]. Peer-to-Peer
[Man08, Zha08, BA18, CRC15a, DCE15, DS07, DvNM+11b, EB05, FG16, FPR05, GS08, LDC13, LNZ08, LFZ07, LAM+09, MABP13, MME13, NR08, PGW+08, QMK12, RG09, SCA+07, TLZW14, Tru15, XLL+12, ZK08, ZCS06, dP06]. peer-to-peer-based [BM10]. peer-to-peer-distributed [ED08]. PeerfectSim.KOM [FG16]. PEGASUS
[TBK+15, KD+08, LPS+09, MCD+15]. PEKS [ZQ16]. PEN [X17]. penalties [KF15, LFG05]. PENNANT [Fer15]. People [Li17, ZLC17a]. Peptide
[MHLC+05, WJP14]. peptides [MIGA18]. perception [MW18]. perfect
[JCVU15]. perfectly [ZLKK17]. perform [CB1G19].
performability [MS17b].

Performance

[ALKD16, AHP+13, AF14, AC06, AFG+05, AM07, BA04, BB02, Ber07, BBB+17, BSP11, BY12, BD04, BU010, BLSP11, CML+10, CGK+16, CRCC09, CCW04, DDE+12, DMA13, ESG11, FMM08, FGZ+18, FN13, FJG+13, GG07, GLMT15, GMVRGS15, GS04a, GRS+17, GHP05, HBJ12, HKVW16, HKS+12, HK01, HFR+17, HBB+17, IHB15, JFI08, JLHH14, KAL07, KS02, KC06, KYBV17, LBOE18, LLRS03, LSS05, LHL10, Li04, LWG+15, LH16b, LML10, LKYS04, MST+05, Mar05, MDH+16, MLY10, MWW10, MN10, MNL15, MWLS11, ND05, NJ05, OCC+05, OAS+15, PFU+05, PGM03, PHGK10, PW05, QBI2, RGA15, RK01, RMCM+07, RVVP+17, SG19, SZT18, SFCV16, SIOS02, SWB12, SNT12, TPN07, TM+07, WT08, WLMM19, YWCI11, YOB16, ZG10, AA16, AKK+07, ABF+10, ABDP15, AP10, AAC+15, ADI+14, AC08, AKM+06, BCD+10, BCD+16, BWEB14, BXQ17, BDH15, BPD06, CMW02, CC13, CHP17, CPG+16, doCPFJ13, CKOG10, Cha03, CLMC16, CNEJ18, CBPP02, CNG13, CXPL15, CSL14, CL16, CEG+05, CPF+03, CRGR+12, CMS17, DD17, DLFPV07, Dam11, DIM18, DRZ13, DDX+06, DS02, DMR+07, DPM16, DL10, DMD16, DFL14, DTM+15, DLT+16, DMMA17, EAGA+04, ESM11, ESG17, EMS15, ETR+13, FBH+01, FE17, FE18, FLYL16, FMP10, Fox12, FBS16, GFBR10, GWV+10, Ger05, GF07, GMT07, GO10, GSR14, GAM17, GGV14, GBMM15, GCN09, GA08, GWVP+14, GTA10, GW15, GYP+16, GVP+14, HLM12, HIDDG09, HTHW16, HP105, HPS05, HTI05, HvNBI15, HLHC12, HYL2, IC18, JCJ17, JWY+05, KF15, KDC17, KA09, Kar14a, KHZN06, KHO05, KL12a, KCB09, KSM+08a, KTR11, KW01, KF11, LL05, LM07].

Performance

[LSH+16, LI18, LSS15, LHBW15, LLL15, LQ10+, LQI10, L10, LL01, LKJ03, LSK04, MSMA19, MBP16, Mal05, MMMP01, ML19, MIB15, MMS+17, MBC+14, MSB17, MJD+17, MOK04, MO02b, MDV07, MA15, MGG+18, MFC18, MKSS16, MB02, MM10, NMM+10, Not16b, OFR+17, PRRI14, PBP14, PLL17, PSS+18, PK17, PBF15, QXXZ16, RVBD10, dRdCRR16, RCC03, RGL+15, RCLK16, RM03, RGF+15, SM02, dFMSW06, SAB15, SRF13, SER15, SSO+10, SLGL16, SCB09, LSS17, SSL11, SSD+15, SM09, SIM+07, SSB+14, SFH13, SFT15, SPQ+17, SB17, SRL+14, SLT+15, SK18, SLM+10, SWD+17, SS07, TTD+11, TKZQ17, TYH12, TCSBM17, TPT+18, TTPJ16, TRW07, TSS18, TF03, UA18, VSO2, VBJ13, VDL+15, VsMT05, WFM+17, WK07, WTN07, WCL+10, WLT+16, XW+12, XAJ18, XAZ16a, YYS15, YBC+07, ZF14, ZCC+06, ZCL14, ZZ16, ZL12].

Performance-aware [KL12a, LFH08a].

Performance-based

[LHL10, NJ05, YWC11].

Performance-driven [GLMT15].

Performance-energy [AAC+15].

Performance-influence [GRS+17].

Performance-oriented [BM08].

Performance/cost [GWVP+14].

Performances [CGP16].

Periodic [MFGE19, RF15].

Peripheral [Sin10].

Periscope [GO10, LGG16].

Perl [MTD+02].

Permeation [KF11].

polygonal [ZKV17]. polygons [CZL17]. polyhedral [CSC17].

polyimide [ZCW18]. polymorphism [KS04]. polynomial [CH04, YLWZ18].


Portability [JPS17, ABDP15, CGK16, FE17, FE18, GFBR10, JWY05, MMSG17].

portable [BMV03, DPP03, DLZ16, DT01, LHC07, LTK17, RMG10].

Portal [GBP15, Nov02, SPR07, AK02, ACC07, BAD11, BFL06, CW07, HCD02, Kac11, KBH15b, MCY10, NRW04, PYF02, PGP10, YWA07, YLB14, ZDA07, ZLA07, vLDA07, ACMA07, CM07a, HBH02, NNTH02]. Portal-based [SPR07]. Portals [EMB11, GvHKK11, Tho07, AHB10, AC02, ACC07, BAD11, BFM06, CW07, HCD02, HAA07, KBH15b, MCY10, NRW04, PYF02, PGP10, YWA07, YLB14, ZDA07, ZLA07, vLDA07, ACMA07, CM07a, HBH02, NNTH02]. portals/portlets [YAA07].

Portfolio [MSB17]. portfolios [BRCV16, WSRM12]. porting [DHH13, KOK14, WWG11].

portlet [WYAB07]. portlets [ACF07, YAA07]. pose [RK15].

Position [SWS18, XZZ16a]. positioning [MB17]. positive [HZL16, LZWD15].


PPAM [WT15]. Practical [EA12, FLYL16, JWY05, XW13, CSB16, HWWX08, LFZ17]. Practice [ANO06, FH01, KQR17, TH10, ASP19, BCCM16, CHPvdG07, Fox12, GTL06, Hun15, JCK13, LWC17, RKS02, RLC16, TTL05, TDM02, YDB13].

practices [GRGP12], practitioners [HMPPT13]. PRAGMA [PC17b, Arz17, IUCH17, SWP17]. PRAGMA-ENT [IUCH17]. praise [ECP18]. Pre [AdCPdSD17, PWJ10, YWL17a, SGCG09, WLP17, YHHS16].

pre-distribution [SGCG09, YHHS16]. Pre-image [YW17].


prediction [AD02, ACCM17, BPL12, BDTdS13, CDdW17, DMR^+07, DKKM07, DJ19, FE18, GPV09, HWL18, JFI^+08, KA09, KHL17b, LLX^+15a, LS05, MAVG16, Mit17c, Mit19, MV16, NNK^+07, PSRRI4, SL10, Sro16, STL^+15, TZLC15, VGN^+16, WZL^+17a, XDP18, ZTM12, ZYZ16, ZACG16].

Predictive [SMFM18, GED^+18, ZXX17]. predictor [BKCP09, ZBZ^+18].


PRISM [VGL06]. Privacy [QGZL18, SGL^+17, WMC17, AAHA18, AD15, BA18, BC16, DzC16, JBL15, KWXY18, LWYM16, LWY15, LXW17, MJS19, QWW^+16, TC17, WAD12, WHXzL15, WZC16, XAK16, XBK17, XZZ16b, YKD^+15, YMLR16, YNX^+16, ZLN^+13]. privacy-based [MJS19].

Privacy-ensuring [SGL^+17]. Privacy-preserving [QGZL18, WMC17, BC16, DzC16, LXW17, TC17, WZC16]. private [CFPJ^+17, DXWC16, ESG11, GLM^+16, HJM^+11, JGL13, PCSHL18, SYMA17, TZ16, YLWZ18, TKS18]. private-shared [CFPJ^+17]. privilege [MLL^+11]. Pro [Cla18]. Proactive [VvS07, CW09, HHKA14, SZA08].

PROB [YP10]. probabilistic [ALL^+15, CXPL15, LNCY11, YZ10, ZCS06]. probabilistically [LLT09]. probabilities [SK18]. probability [ZZL^+17b]. probable [BRCW16]. probe [MKKB04, SS07]. problem [AMTM17, ABV05, ACIC^+13, BPL12, BIK^+11, Bok12, CRKO13, CGK14, CS16, DRZ13, DdB01, FMS11, GP07, HC07, JPWH02, KH12, KHL17b, LSXL17, LAC^+08, LL18, LW15, MPS11, MCB14, MME13, QW17, RGX^+17, RM03, RLVRGAI4, SDB02, SSB^+14, TL14, WLLL15, WLLL16, XLHT17, YA04, vSB06].

problem-solving [JPWH02, LAC^+08, SDB02]. problems [BA18, BWD15, CW07, CSMK17, CG01, CEM^+17, GF07, LZZ^+15, MSB17, PCSHL18, SSH19, SD15, YDS^+14, ZS17]. procedure [KKK10].

Proceedings [Run10]. Process [BR10, CWZL13, CMB06, CMD11, HAN19, HRR^+11, HY12, ITK09, KSPMI2, May10, ON01, ON02, RW10, SB17].
TPV17, WFHT17, WDQ+18, XLZD13, ZLH+18, ZLQ+18].

**Process-oriented** [BR10, RW10]. **processes** [FÁBE11, HLZD18, IÁE11, IÁBE11, Jos05, SGG07, TALT16, XZHW09].

**Processing** [LSXL17, SMTB07, WT15, ATVLM14, ACC+12, ADF+13, dRADFG17, BG17, BDW14, BHQOS15, CLNR18, CY15, CRB09, CGIP16, CP14, CPS17, CTAB16, CS13, DDP+06, DCJ12, DCJ14, DG11, DJZ+15, DZL+17a, DL07, DT15b, EMS11, EPA15, GWW17, GGV14, HWL18, JQL+15, JdM12, JZZL06, Kar14a, KC13, KKL06, KLP08, LBOE18, LPS+09, LTL+17, LPH09, LOSJ17, LKPM09, LDZ+15, LGL+17, LLH+15, LWLZ11, LSJ16, LPG+14, MAS16, MS17a, MS18, MBMB18, MCX15, MGBC16, MCP+12, Puf13, RRR04, YL01]. **Processors** [ZYH09, AAC+15, ADMQO14, BHM+12, BDdS+17, BHKW12, CPEA18, CSWB11, DLZ16, DLK+18, GCPS+14, HFR+17, JLT06, KBE07, KKW+14, KL12b, KLDB10, LGLA15, LYL07, LLYL09, RVD+12, SNK15, SPW09, SPQ+17, TTYTY15, TKBS18, WJ09, YZ12, ZLZ+17a]. **product** [ER12, HFR+17, PRL+14, VFG11]. **production** [GED+18, NTK08, PSL+16, RLS+09]. **productive** [GBFP09]. **Productivity** [MLS+12, YBC+17, TFG+12]. **products** [HAJL16]. **profile** [KWK05, MSG10, SL10, SKNH09]. **profile-based** [MSG10]. **Profiles** [MG09b]. **Profiling** [CSPM13, BM07, BAVM11, TYTY15]. **profit** [DPM17, LFPP17, ZS17]. **Program** [JWY+05, BPdM06, CLZ+17, CRV15, HM04, KL02, KB18, OKW18, SLM04, SLM05, TNIB17, TRH+02, TBK+15, YYS15, ZJL15]. **program-to-program** [BPdM06]. **programmability** [DP14]. **programmable** [CSWB11, FRKS12, NNH+14]. **programme** [TWB13]. **programmed** [CZG16]. **programmes** [ADK+17]. **Programming** [BH16, CLTT13, CGH+06, MCP+12, PA08, RWK+02, SRdS09, SF10, UR04, VFAD17, ALVY05, BL17, BB02, BAVM11, CAD+18, CLYC16, CNE15, CLRB15, DK09, DWC+15, EK19, EBS01, EB05, FJ05, FMS11, GL19, GA08, GvDHS12, HDX+17, HjNJB15, HR06, JDH+18, JZL15, JLCA07, KOB01, KIM+03, KSS11, Kes04, KHL+17a, KS05, LL05, LCFL15, LQB+15, MHH16, MKIO04, MTT15, MMSG17, MS19, MSB17, MH14, NO02, PRG15, PBF15, Pre01, RRR04, RGV09, SK04, SPBL06, TFG+12, TMA03, TBH+18, WO14, YWC11, YB12, ZDB+14, ZWT+18, ZDC+09, vNMW+05]. **programs** [ABF+10, ADK+16, ABS16, AUHW19, BHA15a, BB04, BV11, BK05, BL04, CL10, DAL15, Dut17, EFG+03, EL01, EHSU07, FSP+02, FSG19, FLB+05, GRS06, GM04, HLI3, IJTK09, KO06, LL16c, LZC+02].
Progress \cite{FS07, BKM07a, BKM07b, KKM06}. Project \cite{GKM08, WNN15, ELM16}. Projects \cite{KKM06}. Prolog \cite{ALZR11, CJZZ10, LWYM16, LLLyL16, RR01}. Protecting \cite{BGdCCA11, ZBP07}. Protecting \cite{LWY15, WYBS16, YKD15, ATKH17, SW11}. Protection \cite{ALZR11, CJZZ10, LWYM16, LLLyL16, RR01}. Protein \cite{BPL12, BDTdS13, MPR04, NCWD04, SL14, SRL14, TCP05, TTD05, YA04, ZCL18, SHH14}. Proteins \cite{FMS15}. Proteomics \cite{CV07, KBH15b}. Protocol \cite{AKG13, AD15, BF07, BDB13, DXWC16, EN16, EA12, FIO15, GHMX13, IHB15, KABD07, MTPM19, MABP13, MRMC15, MMSN01, NLYZ12, SWW16, TZ16, TA111, WMC17, XBX13, XJZ13, YZW15, YLM10, YL16, ZBZH11, BOB13, DT15b}. Protocols \cite{ALYD17, Aia15, BBB14, BHBD13, DVB14, DT15b, GD06, JLHH14, LWB13, NJ15, PGB03, SS15b, SC07b, XZJ11}. Prototype \cite{FGC06, JLHH14, ULS03}. Prototyping \cite{ALYD17, Aia15, BBB14, BHBD13, DVB14, DT15b, GBMM15}. Protozoan \cite{COdO11}. Provably \cite{LDZ14a, FIO15, KTZ18, CXWC14}. Provenance \cite{AA19, BML08, KDG08, MWHW16, MLA08, OBD18, BA18, BA19, BD08, CFV08, CBB08, FMS08, FM08, GH08, HSBR08, LPA08, MMW12, MGM08, RNAD19, SGSC08, SPG08, TC12, ZGST08, KSM08b, SKS08}. Provide \cite{BHA15b, JMF09}. Provider \cite{TPV17}. Providers \cite{AN17, EdPG10, NB12}. Providing \cite{GvHKK11, GMPT15, HSM14, PSM03, YESG17a, BHA15b, JKV15, SGD15, YESG17b}. Provision \cite{WSL15}. Provisioning \cite{EBMD13, HHKA14, KBB11, LDPZ14, SJB14, SD11a, SKJ17, ZFJ16}. ProvManager \cite{MMW12}. Proxy \cite{CLH16, LFWS15, LHBW15, SKB17, CXWC14, YZCT17}. Pruned \cite{LCW17}. Pruning \cite{GKS07}. Pseudo \cite{RTPPH12}. Pseudorandom \cite{RTPPH12}. Pseudospectral \cite{DGJ11}. PSKEL \cite{PRG15}. PSLs \cite{KM03}. PSO \cite{EB18, KHL17a, ZCH18}. PSO-based \cite{EB18}. PT \cite{MGS19}. PU \cite{PLZ14}. Public \cite{LCZ14, ATKH17, BZD16, CDDW17, GWVP14, LFWS15, LMO10, ZHM17}. Public-key \cite{LCZ14, BZD16}. Public-resource \cite{LMOT10}. Public-safety \cite{ZHM17}. Publication \cite{HLB10}. Publications \cite{GWD15, WDGK15, WDM14}. Publish \cite{BBPV05, MWPL15, MWPX17, TTK11}. Publish/Subscribe \cite{BBPV05, MWPL15, MWPX17, TTK11}. Publishing
reconstructed [ZHW+16]. reconstruction
reconstruction [FMS08, KSM15, MJL01, SBC15, XYSW18]. record [LH14]. recordings
recording [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].

Recurrence [CM05], recurring [SP16], recursive
reduction [LH14]. recordings [CMT13, LML+18]. records [DXWC16, SGL+17]. recovery
reconstruction [BDB+13, KCS07, MG09a, MB18, PGB03, XZH+17, YLLZ09, ZWX16a].
schedulers [ADI+14, KKWZ15, LL16b, NvV09, RO12a, RO12b, ZF14].
schedules [KBE07, LLH+18, RR15]. **Scheduling**
[AAF17, AS17, BKS+15, DJM12, EJF+16, GRS06, IQOvdG13, KLB10, 
LL10, SRs09, SF10, XLYL17, AJY+15, ABC+08b, Ang08, AMS17, ATW11, 
BFM+06, BKND16, BAGS02, BM02, CSC+17, CHP17, CCC12a, CLT+16, 
CZY+18, CPXA06, CL07, CCTW11, DSO+01, DXM+17, Dra17, DKJ13, 
DRF07, EB18, ESZ09, EQW+18, EABVGV14, EFA+17, GJD16, GSG06, 
GQ04, GMVRGS15, GA09, HKS19, HZHP09, HLG17, Hun15, IHA+15, 
JZL14, JZL15, KV12, KBB17, KB17, KW11, KQR+17, KSPM12, KO06, 
KK13, KR11, LF15, LHL10, LLKC08, LHC14, LWFL14, LGY17, LGL16b, 
LHT+09, LSY08, LQL+09, LML10, LQL+15, LSY16, LZBF17, MS17b, MS18, 
MSP+13, MDR+17, MSR03, MSR07, NC05, ON02, PRT09, PCGE18, PCF 
+17, PRV11, PV15, QL13, RHB13, RF15, RHuR+19, RHZ+17, RCA+12, 
RB17, SRS16, SV09, SR17, SWP17, Sod05]. **scheduling**
[SK18, TKB09, TZY13, TYTY15, TLF17, TY15, TV14, 
VBW06, Viv03, WGWZ06, WRC09, WL11a, WZZL13, WQS+16, XLT+17, 
XLT17, XWH+17, YWC11, ZEB10, ZHL10, ZHL+15, ZST+18, ZLT+17, 
ZQW+17, ZCH+18, ZXXN06, dAAVS12]. **schema** [CT11b, SE01].
schema-mapping [CT11b]. **scheme** [AAQ+18, AR16, ALL+15, BC16, 
BOB13, BZD16, BBB16, CC13, CCW06, CZY+18, CDP17, DBR13, DXHL17, 
DA15, FLL+14, ISO+14, JNUH17, KS19, KMA04, KTZ+18, KDW+17, 
LDZ+14a, LWYM16, LFWS15, LZC14, MMS17, MRJ+17, OFR+17, 
PWMX17, SCS17a, STO17, SWLJ17, TZY13, TC17, TKS18, sTzNL16, 
WYQ+13, WZC16, WLFX17, WXXZ12, XCL09, XHH12, XBZ10, XWAR14, 
XX15, Yo06, ZEB10, ZTZ+18, ZGX11, vHKT07]. **Schemes**
[WS09, CPXA06, ESG+11, zGWXT09, GCZ+17, LX08, LLLyL16, ZDX12].
scheming [NQL+17]. **Scholarship** [LVN+12]. **Scholes** [BHPS14].
schooling [LKPM09]. **schools** [GKM+08]. **Schur** [GKK09]. **Science**
[BSG+15, CGK+07, DMM+07, GWD15, GBB+15, HF05, LZW+15, 
MTA+07, Sod07, WAS07, WC08, WD07, Wu18, Wu18, ZYH09, ACF+07, 
ACFT15, CBHTE11, CAD+18, Che18, CDH+15, DGA+10, FKP+02, 
GBMM15, HMFK15, HA+13, JCK+13, JKL+17, KA11, LMM+14, IWL15, 
LFH+08b, LGD15, MCC+15, MCD+15, MRL+15, MTVF14, MKX+15, 
NAP+07, Nak02, OTG+07, PGP+10, PMG+15, PC17b, PCC17, RTPPH12, 
SvDO15, SRAG16, SLA+10, WSB+15, WHW10, WBB+07, WBD+03, YR15, 
YLEB14, ZSL+10, ZWF+06, ZHY12, vHKT+11, BD08, CCK+17, FGP+11, 
GTG11, HF17, PML+08, RLS+09, SPR+07, SMI11, SBP12, SCV12, 
VBW06, WHW10, WDQK15, YDB+13]. **Sciences**
[Qiu11, QFG14, QFT14, ACC+15, GvHKK11, OGA+06, Sod07]. **Scientific**
[Ber07, LAB+06, AFG+05, AKM+06, BBS17, BML08, BYT+12, BS+03, 
CSM15, CGH+06, DRS+13, DHH+13, DT17, DCF08, GHB+06, HJ+19, 
HMP19, HCD+02, JPH02, LSE+13, LMM+14, Lan17, LL05, LPH09, 
LGL16b, LTKF11, LNCY11, LHLH16, LBF17, LFH+08b, MMMP01, 
MOF15, MMW+12, MYD06, MCD+15, MRJ+14, MM10, NAK+15,
ODS\textsuperscript{+13}, OCC\textsuperscript{+05}, Par\textsuperscript{02}, PFC\textsuperscript{+09}, PGO\textsuperscript{+04}, QLD\textsuperscript{+11}, RSSM06, RCXS09, RC09, RB17, RRWS08, SM02, SAB15, SM09, SD11a, SAKA\textsuperscript{+14}, SGG07, TMF\textsuperscript{+10}, TMBP16, TCBR\textsuperscript{+10}, TCBR11, TC12, WRC09, YK10, YYL\textsuperscript{+12}, ZP06, ZWL\textsuperscript{+15}, ZJS\textsuperscript{+17}, ZDL07, dOOO\textsuperscript{+12}, vRKS03. SciScope [BvIF10].

scope [DBB\textsuperscript{+13}], scratch [YWY\textsuperscript{+10}], scratch-pad [YWY\textsuperscript{+10}], screening [GCPS\textsuperscript{+14}, JvAB\textsuperscript{+15}, KBT\textsuperscript{+14}].

Scripting [BYT\textsuperscript{+12}, Nob08], SCRRM [DA15], SCTP [DLPV07]. ScyFlow [MYDM06]. SDIVIP [YNX\textsuperscript{+16}]. SDK [CG01].

SDN [Bai17, CKL19, HDX\textsuperscript{+17}, IUCH\textsuperscript{+17}, TAMC19, ZW17]. SDN-based [TAMC19], SDN-IP-based [PCsHL18], seals [ZDHJ18].

search [And13, AMVOSGAC17, BKS18, BMS\textsuperscript{09}, BZD16, CMW02, CLH\textsuperscript{+16}, CGR19, DXG13, DAC12, DKMM14, EN19, FMS15, GS08, GKS\textsuperscript{07}, IPGCMW18, KHF\textsuperscript{+17}, MPR04, PPST09, RIFR10, SRM13b, SER15, SPL006, SR17, WMCI17, WJP14, WZ16, XLYX11b, XZT\textsuperscript{+11}, YPLJ11, ZK08, ZBZH11, ZHZ\textsuperscript{+13}, ZCL\textsuperscript{+18}, ZCS06]. search-space [GKS\textsuperscript{07}]. searchable [MML16, YZCT17]. searches [LLB04, RM03]. searching [SL14]. SecNRCC [XBW\textsuperscript{+15}]. Second [Ang07, CL08, CR13]. secondary [LS05]. secrecy [ATKH\textsuperscript{+17}], secret [CLZ\textsuperscript{+17}, TQF\textsuperscript{+14}, XW13].

Section [ZQH12, RBP12], sector [PCsHL18]. Secure [KJ\textsuperscript{´S}15], KDW\textsuperscript{+18}, LBY\textsuperscript{+16}, MWJ\textsuperscript{+10}, MG09b, NR17, SWW\textsuperscript{+16}, SWZ\textsuperscript{+18}, WLW11, WLWX14, WLWX16, WZL\textsuperscript{+17b}, XCHK14, XWX14, XBW\textsuperscript{+15}, XXX15, YZCT17, YWMT\textsuperscript{+10}, YL16, ZNT\textsuperscript{+16}, ZQD16, ZGX11, ZKL\textsuperscript{+19].

Security-aware [KV12]. security-level [KJ\textsuperscript{´S}15]. SEED [JZL14]. seeking [HAN19]. segment [FJZ\textsuperscript{+14}], segment-based [FJZ\textsuperscript{+14}], segmentation [ALVY05, BÇG14, EMF14, LLZ\textsuperscript{+17b}, WJ12, YHJ\textsuperscript{+14}]. Segregation [Ang08]. Seine [ZP06]. Seismic [JW10, ACC\textsuperscript{+12}, PWJ10, RSTV05].

seismogenic [MZX\textsuperscript{+10}]. Selected [WC08, Xu08, GZX17, PDD14, YWA07, WAS07]. selecting [EAGVBD11, MMB\textsuperscript{+17}, PTL\textsuperscript{+16}]. Selection [DLT\textsuperscript{+16}, HJTX17, PB07, PK08, BV16, BKN16, BFVR15, CDAO9, CW10, CEB\textsuperscript{+18}, GYM14, GLMT15, GMVGRS15, HAJL16, HAA\textsuperscript{+17}, KOOB15, KCL18, KTM\textsuperscript{+09}, LFH08a, MSMA19, MABP13, MBMB18, MBC\textsuperscript{+14}, MSM\textsuperscript{+14}, NNvVdA09, PWH18, SK18, TPV17, XY17, YYC10, YLD13, ZK08, ZLY\textsuperscript{+13}, ZWL\textsuperscript{+17}].
selective [Jon09, LZC14, WFW17]. Self [DCCZ18, GCSB19, HHKA14, MO15, BDUC15, CEMR19, CS12, DHV03, FMS11, HM16, KF15, KOO12, KYM17, LAM+09, LJP10, ML19, NR07, PB12, RPK08, RV010, RS16, RVRD10, VH12, WHT17, XDE+14, XJZ13, YDL09, YWC11, YYZ+17, ZWMT12].
Semantic [FHH15, FGP+11, GKP+19, HHRWZ08, LLJ18a, LLJ18b, LLZ+17a, LFH+08b, WLD08, XZZ16b, YZCT17, ZM13, AMRW06, BH09, CWMZ06, CQZ17, CXT+18, DHC11, DYW16, FTRA15, HMLGP03, IÅE11, LLWS09, LF07, LXL+09, MKH+18, MSST15, PZH+15, PCS+12, TLP18, V+S07, WZT11, WZ16, XLYX11a, XLMH14, YFL18, ZWLY16, Zhu07, ZYL+08, ZZ11, ZC11, DHC13, GH08, GRTX18, OBD+18, WGP+15, ZGST08].
Semantics [FZH08, SD11b, ZL09, Zhu15, ZS19, BGM03, CT16, DDF+17, EdPG+10, FMM08, FM08, KKL09, mLGP03, SRN+15, VSKK09, WDQ+18].
semantics-enabled [FM08]. semaphores [SSMB15, WKL14].
Semi [IPGCMW18, TJ17a, AQRA+18, BTCB16, DLJ15, DH13].
Semi-asynchronous [IPGCMW18]. semi-automated [BTCB16].
Sensor [SIST18, AKMZ13, AAF17, ANPR16, BFH17, BB16, BAT13, CQXW14, CSB+16, CSL13, DLJ15, FH13, JNUH17, JBL15, JWZ13, KCB07, KC18, KDW+17, LL13, LDPZ14, LMQ15, MS07, MH07, MQ15, NQL+17, OEP+15, PML15, SCS17a, ŞZH17, SW+18, SGC09, SC07a, WTEG17, WBZ10, WZ+15, XSW+15, XG3H15, YBO10, YKD+15, ZPG10, ZGX11, dCHMJ12]. sensors [DFH10, MH07, SCS17a]. sentence [YDL09]. Sentiment [GC18, KTHA18]. Seoul [WKL+11]. separation [Cla18]. Sequence [BS04, SHH+14, AMHC11, CPS+14, LLB04, LS15, MP17, SCR11, SRF13].
sequences [BWD15, CL14, HSHT14, LS15]. sequencing [KMJ14, MSL +14]. sequential [AUHWJ19, Dut17, MO02b, SK04, SLM05, TNIB17]. serial [LCH +06]. serialization [BP03]. series [JLQ +17, LLX +15a, RTMZ13].

SERNOTATE [CHH18]. Server [Lia16, ATKH +17, ACG15, CKOG10, CWL03, DFLNP07, GGS +16, HKAC14, KF18, LbdM +16, LGD15, MVML11, PRS01, RGAK15, RO12b, dFMSPSW06, WDT18, ZABP18, ZBZ +18].

Server-side [Lia16]. servers [AAI12, BDP18, GMPT15, KSC12, RJ01, TK10, WLW11]. Service [ADD +05, CR13, KTM +09, IWL +06, MN10, ROA +07, RCX09, RDP10, WBHW08, WL02, AabT16, AabT17, AP10, AahRW04, AMRv06, ACFT15, ACS10, BTGCGL17, BV16, CYD +15, CLTT13, CK13, CW11b, CM06, CHH18, CM07a, CLH +08, CPS17, CM02, CRGR +12, CMS17, CKBB14, DIM18, DFLNP07, DCP +17, DPGA11, DTM +17, EdPG +10, ET09, EAGYBVD11, EAVBGV14, FCY17, FMM08, FN13, FP02, FGG +18, GYM14, GLMT15, GCN09, GKP +09, HAE09, HLZD18, HFTQ13, KCHH13, KM13, KJT +15, KMRT18, LDPZ14, LLX +15a, IYW +16, LGJ17, LDXC13, LFH08a, LZC08, LW13, LSSL15, LFHT15, LLC +15b, MWPL15, MWXP17, MvNK +06, MSL +14, MCC +15, MZW +16, MK15a, MPVT17, MLVvW12, OrsSL13, ORG15, PSM03, PPC +15, PPB14, QEB +10, RG18, RB0 +02, RHS17, STO17, SBBE07, SFCAV16, SGD15, SKJ17, SPN +07, TSA +19, TTV08, TzLC15, TLP18, TV17, VT15, VWB06, VGN +16, WZL13, WSL15].

service [WFHT17, WSZ +18, WHW10, WXLM19, XDL +11, WXW +12, YSL +15, YLD13, YT15, YS07, YF13, YCWH07, YLJZ13, ZLY +13, ZDC15, ZM13, ZFT08, ZBZH11, ZHGX16, dRL10, vdKEL10, CWZL13, DHC13, FTH15, MCGG11, TKB16]. service-aware [STO17]. service-based [CM06, EAGVBD11, GKP +09, SBBE07, SGD15, WFHT17, YT15].

Service-oriented [ROA +07, RDP10, WBHW08, AahRW04, ACS10, CLTT13, CLH +08, EAVBGV14, HFTQ13, KJT +15, LFH08a, TTV08, WZL13, YLJZ13, ZFT08].

Services [HF05, AMBT17a, AMBT17b, ACF +07, ABR +06, ACMM06, AAB +05, BCX15, BAZ18, BHA +15b, Can06, CV07, CSL +18, CPB07, CEMR19, CTY15, CR12, C12, CSL08, CGH +06, Cuz11, DCY +08, FHH15, FMP10, FKP +02, FAB +07, GCSB19, HFDJ10, HM16, HCD +02, HLB10, Hus15, JN16, KGGT12, KBB11, LM08, IYW16, MG09b, MAK18, NAP +07, PSLC11, PRD +13, PGP +10, PCS +12, RBP12, RHS17, SACRGL18, STO17, SBDO12, SM04, SPJ14, SFH13, SAM +17, TSL15, VSC17, WBC +02, WL02, WGG +07, XXX15, YESG +17b, YESG +17a, ZIC15, ZZ18, ZWF +06, AFPO08, CEE +06, GMS09, MSL +14, PWWR05, WGP +15]. services-based [HFDJ10]. servicing [OK15]. servinc [BPdM06]. SERVMegh [KSK17].

session [JK10]. sessions [AG17a, TAB +06, YLY04]. set [BG03, BXLJ16, BHBD13, FJP +05, Kuk14, LHC14, WCR +14, YLWZ18, vKKS03, TJD +17].

set-oriented [BG03]. sets [BZDr +10, LZZ +15, MKKB04, RK02].

setting [MML16, WLZ +18]. settings [KHL +17a, WW08]. seventh [BL17]. several [dCPD13]. SGAM [ZLH +15]. SGAS [GEJ +08]. SGI
[LL01, LKJ03, LSK04, PIH04]. shadow [ZZD17]. Shafer [ECP18, JLQ17]. shale [CNAQ18]. shallow [VLF13]. shallow-water [VLF13].
ShanghaiGrid [LWL06]. Shannon [PSIP16]. shape [QML17]. shaping [MB15].
shared [BOF15, BB02, BDV02, CFPJ17, CBPP02, DIK14, Kes04, KC06, LHC14, MVWJ14, MLC04, PCVZ04, PSLC11, RAFFD14, XCL09, YNX16, ZP06].
shared-space [ZP06]. sharing [ADM06, BDdCCA11, GVK12, LLLJ14, LFWS15, LWB13, Lla08, OO18, PRP15, SACRG18, TYHL12, TC17, TWN07, Tru15, LW11, WWL17a, WMC17, WL11b, YCZ13, ZH15, ZHM17, dRCC10]. shell [MO02a]. shift [ZJKL10]. SHMEM [LSK04]. shop [AMTM17]. Shor [dARP17]. Short [WCZ18, ZGRSC10, LS15, QCB17, ZXX17]. short-term [QCB17].
Short-time [ZGRSC10]. Shortest [DT15b, GP07]. should [PRS01].
Sigiri [WP12]. sign [KS19, WF18]. signal [KBH15a, LHC14, RVVP17].
signal-extraction [RVVP17]. signals [GQR16, MB17]. signature [DXW16, zGWXT09, LDZ14a, TJ17, WXY10, YWL17a, ZSL15].
SIM [RMP13a]. SIMD [CXC18, KLI2b, LL16c, PA18]. similar [LJML10, WLZ11].
Similarity [DHH13, AMBT17a, DHC11, LXL09, MWF16, MZJ17, MPR04, RVRD10, SS17b, XLYX11a, YFL18, YLZ18, ZWS18, ZZ14, ZHZ13].
Similarity-based [DHH13, SS17b]. SimMon [YZZC17]. Simple [Cog04, WDT18, HTHH16, Kui14, MMS17, NIU17, ZYW16]. simplicity [RIF10]. simplified [LPC14]. simulate [BBSW17, VSC17]. simulated [HXY12, MK15b, WY12, WZL18].
Simulating [CMD11, Eng15, Ly02, The01, BDY02, EDB08, SCV13]. Simulation [Anu02, CDMS15, EN09, KSM08a, MZS10]. Tur04, vLRF11, ATVML14, AML15, AAV15, BBdS17, BM02, CCO15a, CNAQ18, CGN15, CSB16, CRV15, DFG18a, DBGA16, DVBI4, DMR17, DLK18, FACP16, FMT16, FBS16, FRU12, zGWXT09, HMPPT13, HLCW15, ISS12, IPGCM18, IBvA02, JK06, KKS12, KCZ15, LKPM09, LCT16, MGB16, MHRI14, MT09, Not16a, Ogi02, PCF17, PIGK16, RHHK11, Sch02, SFH13, SFT15, TRH12, TSS18, VDP03, VLF13, WJLD09, XRD17, XLY16, YPLJ11, ZDB14, ZJS17, ZYZC17, ZFT08, dARP17, SFN12]. simulation-based [DBGA16]. simulations [AHP13, ABC15, AMSR14, BCA10, BF10, BDW14, BDY03, DVD12, DGJ11, DBR13, EFM17, FBB13, GQH17, GKS09, GBG14, HTR10, KDC17, KF11, LW05, LXW16, LTM14, MCY10, MFF04, MT08, MWLS11, Nak02, OKP16, PML05, RTPPH12, RACA11, RDP10, SNK15, SWB12, SHP14, TGB10, VLJ17, VL17, WDG14, XMJ17, YDB13, ZKJ07, ZCD12];
software-defined [FO18, HLG17, ZTGW17]. software-intensive [GGHR16]. SOGC [JM19]. solar [ADSV16, JZL14, MAVG16]. Solaris [YL01]. Solomon [CSWB11, KCS07]. solution [ASE+17, BJ01, BEQOR17, Bok12, BLDW16, CNAQ18, CSTV06, CS16, DPS07, CQJL18, HSHT14, HC07, JN03, JL10, LHHJ18, LZZ+15, NDT+16, PCsHL18, SGD15, SPJ14, YHK09]. solution-based [BLDW16]. Solutions [ZQH12, BDH15, CG01, WJJM17, ZKA07]. solve [AMTM17, CNKJ18, SSIH19, YT19]. solver [BDE+19, BZB17, BHPS14, CLF+17, CXC+18, CNP+15, ER12, FJZ+14, GW15, GW15, JZS07, LLH+17, MUKY18, MNL15, NA15, OAS+15, PCHR09, PLR+14, SAD13, SLB08, TDM+15, TLPs18, VFG11, WZ04, WQQ*18, XYSW18, YZR14, ZDG+14]. spatial [ASE+17, CLW+15, HLL+15, Jun16, KHHC13, WCA08, ZMYA18, Zhu18]. spatial-temporal [ZMYA18, Zhu18]. Spatio [PLJ18]. Spatio-temporal [PLJ18]. SPD [YT15]. speaker [LLLS18]. Spearman [XYER16]. SPEC [GPW05, MvWL+10]. Special [AHK+13, Ang07, Ano02, AM07, BA04, BHD13, BM04, Ber07, BKZ+13, BDB+13, BL09a, BL09b, BL11a, BL11b, BL13a, BL13b, BL13c, CWZL13, CCCW13, CCJ+16, dOCPFJ13, CLTT13, CR08, CL08, CC09, CW11a, CR13, CL13, CKRO13, CAG+13, CS09, CS06, CMT13, CM07b, CS13, DRZ13, DRS+13, DVL13, DLM13, DH13, DKJ16, Du18c, EL01, EBMD13, EH18, ESG17,
ETR$^+$13, Fed13, FN13, Fox01, Fox05, FG06, FZ07, FS07, FZ08, Fox17a, GG07, GM10, GTGT11, GvHKK11, GZX17, GMF01, GHPR05, HL13, HYQ17, HqoS11, HF05, HdV13, HMPPT13, HFTQ13, Hus15, JJGL13, JX06, KS02, KM13, KR06, Ku06, KB12, KWX18, Lee09, LBW14, LBS15, LBT16, LBT17, LBFS17, LXJ13, LMKT13, LV12, LDXC13, LW13, MWL$^+$13, MS13, Man08, MSP$^+$13, Mar05, MFG$^+$13, MISV13, MLY10, MN10, MLA$^+$08, Nar05, Nel05.

Special [NSSAK13, ODS$^+$13, OKG18, OEP$^+$15, OM06b, PLY13, Par02, PRD$^+$13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, RHRB13, RH01, RBP12, RTMZ13, Run10, SN06, SCNH07, SAN08, SRdS09, SF10, SRF13, SD11b, TM01, Tho07, TP14, TH10, TW13, TFD07, TSS18, TBH$^+$18, Tur04, UA18, Ur07, VCE13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wiz02, Xha18, XZ09, XLWZ11, XBS13, XW13, Xu08, XJZ13, XYS17, YLD13, YLR$^+$13, YLJZ13, ZWL$^+$13, ZLY$^+$13, Zha08, ZYH09, ZQH12, ZYH12, ZL09, vdS06b, AF14, GWD15, HF17, LL13, MH18, PDD14, PCC17, PRD$^+$13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, RHRB13, RH01, RBP12, RTMZ13, Run10, SN06, SCNH07, SAN08, SRdS09, SF10, SRF13, SD11b, TM01, Tho07, TP14, TH10, TW13, TFD07, TSS18, TBH$^+$18, Tur04, UA18, Ur07, VCE13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wiz02, Xha18, XZ09, XLWZ11, XBS13, XW13, Xu08, XJZ13, XYS17, YLD13, YLR$^+$13, YLJZ13, ZWL$^+$13, ZLY$^+$13, Zha08, ZYH09, ZQH12, ZYH12, ZL09, vdS06b, AF14, GWD15, HF17, LL13, MH18, PDD14, PCC17, PRD$^+$13, PHGK10, PW05, Pie08, PB07b, PK08, Puf13, Qiu11, QFT14, RHRB13, RH01, RBP12, RTMZ13, Run10, SN06, SCNH07, SAN08, SRdS09, SF10, SRF13, SD11b, TM01, Tho07, TP14, TH10, TW13, TFD07, TSS18, TBH$^+$18, Tur04, UA18, Ur07, VCE13, WAS07, WAD12, WZZL13, WC08, WCLC13, WD07, Wiz02, Xha18, XZ09, XLWZ11, XBS13, XW13, Xu08, XJZ13, XYS17, YLD13, YLR$^+$13, YLJZ13, ZWL$^+$13, ZLY$^+$13, Zha08, ZYH09, ZQH12, ZYH12, ZH$^+$13, ZL09, vdS06b, AF14, GWD15, HF17, LL13, MH18, PDD14, PCC17, RHT13, WR17, WDGBK15, XXY$^+$16, ZZ17, BM12, BL17, DDE$^+$12, HTBR12, HTW14, SHT11, SFN12, VK12, WDM14]. specialization [DAB09b]. specialized [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].

Species [CCC$^+$16]. specific [BP17, MPR04].
[ABB⁺15, CGOF15, DFPT06, GDD⁺04, GBD16, LK03, LCT16, LWB13, MMG03, SGG07, Cuz11, ET09, GKPT13, HAA⁺07, JK10, KA11, PLY13, PC17a, WLDL08, ZHZ⁺13, CWZL13]. supports [KL12b, LYL07]. SURF [HPVRPF14]. surface [DCD⁺14]. surfaces [DG11]. surplus [RCKV12]. surrogate [JM19]. surveillance [ABK⁺18, Qi17]. survey [AMABS18, BHKW12, DSMM⁺15, DDF⁺15, EJD17, GTA10, LAL02, LCH⁺06, MG09a, MK15a, MJ11, Mit17a, Mit17b, Mit17c, Mit19, MSP⁺19, RRBB11, RLZ15, RB17, SK17, Sod05, VS17, WGP⁺15, WLLZ18, XTB17]. survivability [ET15, MAS⁺14]. sustainability [SvDO15]. SVD [KYBV17]. SW [PL15]. swap [DHM14]. swarm [dCD14, DC14]. surfaces [DG11]. surplus [RCKV12]. surrogate [JM19]. surveillance [ABK⁺18, Qi17]. survey [AMABS18, BHKW12, DSMM⁺15, DDF⁺15, EJD17, GTA10, LAL02, LCH⁺06, MG09a, MK15a, MJ11, Mit17a, Mit17b, Mit17c, Mit19, MSP⁺19, RRBB11, RLZ15, RB17, SK17, Sod05, VS17, WGP⁺15, WLLZ18, XTB17]. survivability [ET15, MAS⁺14]. sustainability [SvDO15]. SVD [KYBV17]. SW [PL15]. swap [DHM14]. swarm [dCD13, DBH⁺17, EN19, KHL17b, RK15, XDE⁺04, ZHT08, ZT09, ZS17]. SWARP [PBSB04]. Sweep [YBC⁺07, AAE⁺09, ISO⁺14, RMCN⁺07, YK10]. SweGrid [GEJ⁺08]. SWIMM [RGB⁺15]. SwinDeW [LYL07]. SwinDeW-G [LCY10]. swirling [SPZ⁺10]. Swiss [KBH⁺15]. switch [LXP⁺12]. switched [CHM15, CKRO13, MOK04]. switched/optical [CKRO13]. switching [MVWJ14]. SX [MAH⁺02, OCC⁺05]. SX-6 [OCC⁺05]. Sybil [AQRA⁺18]. SybilTrap [AQRA⁺18]. symbolic [FSPC⁺02, SLC⁺18, SLC⁺19]. symmetric [AYN⁺14, BDR⁺17, BIK⁺11, OAS⁺15, YDS⁺14, YTD17]. symmetrical [ZJL15]. Symposium [GJ17, GZX17, Run10]. SymS [ZJL15]. SYNASC [FB16]. synchronisation [WBM⁺10]. synchronization [ASS19, BHH09, CS17, DVB14, DKJ13, JK13, JOK⁺18, LLH⁺17, MS05, NN07, PCT04, RCA⁺12, SACRGL18, ZGW17]. synchronization-free [LLH⁺17]. synchronize [FJ05]. Synchronous [GDD⁺04, Kes04, PSRR14, dRRdCRR16, YB12]. synchrotron [ZWW14]. synergistic [ESZ09]. synthesis [TLM17]. synthetic [FBV⁺17]. System [AS15, AFR09, GEJ⁺08, GED⁺18, PXY⁺07, XZ09, Zho06, ZBC⁺07, ACJ10, AMBT17b, AAC⁺15, ABC19, ABK⁺18, ANCA19, Ang08, ADF⁺19, ASG⁺08, BCI⁺18, BHH⁺16, BFM⁺06, BRW06, BAS07, BAT13, Cha03, CZWH07, CJZ⁺15, CZY⁺18, CLS14, CLRB15, CLX⁺12, DL10, DLK⁺18, DT17, DZN⁺15, DMM17, DCA17, EEK⁺04, FPC15, FWU⁺04, GQJL18, GHB⁺06, HDDD09, HLA⁺18, HXY⁺12, HCD⁺18, HK01, HJM⁺11, HYX05, HKG08, HG11, HY12, HON04, ISS⁺02, ID18, IT03, IB⁺02, JOG⁺15, JDB16, JLLH14, JK10, Kar16, KBB17, KL02, KM03, KG⁺08, KCK15, KAP13, KSM15, KKL09, KCZ⁺05, KB18, LLRS03, LM08, LLWS09, LW12, LLL15, LCC⁺18, LLS18, LAB⁺06, MS17a, MS17b, MS18, MSST15, MMW⁺12, MWRK18, MRH14, NNVdAo09, NSSAK13, NSSAK16, PB12, Pac16, PSG03, PBD⁺15, PPP10, PGW⁺08, RG15, RW10, RSTV07, RG17, RSTV05]. system [AS15]. system-aware [BFM⁺06]. system-level [KAP13].
Systematic [ATI17, FG16, RWK17, ABS16, FVRM15]. Systemic [BGV+01].

Systems [FG06, Fox10, Fox17b, HTW14, Man08, MN10, OM06b, PDD14, RK01, SNM15, Ur07, XLWZ11, Zha08, AFGL09, AM15, ALZR11, AML+15, AGMR05, AC06, Ano06, APHB16, BDR+17, BRK+17, BBPV05, BFR05, BGdCCA11, BEDK18, BB02, BCM+07, BKH08, BKN16, BDV02, Bt16, BDP+14, BLSP11, CCCW13, CGBNM17, CKOG10, CGIP16, CLTT13, CLYC16, CBPP02, CY07, CWC10, CHM15, CLT+16, CCW+15, CLZ+17, CM06, CPXA06, CSTV06, CGN15, CN16, CWM18, CCT15, CEM+17, CDP17, DD17, Dab09a, DBGA16, DMR+07, DFPT06, DLH01, DZW+11, DZL+17a, DZL+17b, DKK13, DKJ16, DvNM+11b, DL07, DXZ+16, EFGA+04, EBBS01, EB05, EJF+16, EFA17, FE18, Fec12, FG16, FAPC16, FVRM15, FD01, FMT16, FN13, FBV+13, FJG+13, FM08, GGGH16, GTFA13, GSB+12, GMMT17, God12, GPVCdBRO12, GPP+18, GOLL17, GCL08].

systems [HKVW16, HmLGP03, HTR10, HPD+15, HWY+17, HCK+08, I0OH12, JAA08, JL10, JSS07, Jon09, KNT+01, KSN16, KAL07, KF01, KL02, KSG11, KHW05, KR15, KKK+19, KSS+17, KRS11, KHZ+15, K07, LBTE14, LLKC08, LX08, LZW13, LDPZ14, LZW+16, LYF+17, L1a16, LNZK08, LZO9, LNCY11, LTM+14, LHI+17, LBS15, LRS15, LTK17, LCH+06, LLQL14, LDD+08, MWPL15, MBP16, MGBC16, MG09a, MSP+13, MJ11, MP17, Men03, MSB17, MMem13, MWW10, MV+16, NLYZ12, NR08, OM06a, PVR+09, PWMX16, PWMX17, PC14, PRG15, PCJ17, PPdSTB17, PT12, PQP13, QB12, RE03, RS16, RMCA12, RHT13, RH+17, R+12, RG17, RHBK11, RHL+18, RCT03, SRS16, SJB14, SK09, SJJSVR17, SAD13, SLV12, SDD+17, SDL+12, SBC15, SARL13, SCS17b, SKJ17, SFH13, SFT15, SW09, SO16, SD15, SSMB15, STWSP12, SS07, TLF+17, TLK+11].

systems [TVCB18, TWN07, TW07, VLMP+18, VDPC03, VH12, WS09, WAD12, WCC04, WST+17, WTN07, XPS+15, Xia18, XWFH08, XX+17, XHY13, XPWF15, XBXS13, XXL17, XLYL17, XBM14, XL+15, XLY+16, YTP+01, YWW+10, YCL11, YGG14, YZW+15, YH13, YRZ+14, YLL+18, YMY+12, ZLKK17, ZWT+18, ZTZ+18, ZQZ+16, ZDC+09, ZFJ16, ZCXX17, ZQW+17, ZJL15, Boe12, CR08, HF17, Pic08, VK12].

T3E [LSK04, PSG03]. T3E-600 [LSK04]. table [GCWE15, MA15, WTN07, ZQW+17]. tables [CCG+08]. tabling [AR19].

Tabu [YPLJ11, EN19]. Tackling [SKS+08]. tag [God12, XBXS13].

Taming [LYF+17]. tandem [WJP14]. target [Boe12, PWH18, ZHT08, MIGA18]. Targeted [RSPV17]. Targeting [DAC12, JKM+17, M13]. Task [ABC+16, MSG10, ZABP18, ABF+17, ABC19, AHM06, ATNW11, BEDK18, CLT+16, CGS15, CFTTT7, CDO+11, EB18, GDJ16, Hun15, KQR+17].
KO06, KZY15, KZY+18, KR04, LDPZ14, LYF+17, LQL+15, LSL+17, MS17a, MS18, MSP+13, MB14, PCGE18, PSS+18, PBF15, PV15, RR15, SAB15, SPJ14, SKJ17, STL+15, TKZQ17, TTYTY15, TLF17, TFG+12, TJKF14, XLHT17, Yos06, ZJS+17, ZWT+18, ZCH+18, dSGD14, HR06]. Task-based
[ABC+16, BEDK18, LSL+17, MB14, PSS+18, STL+15, TFG+12].
task-centric [PBF15], task-parallel [ABF+17, ABC19, CGS15].

TaskLocalRandom [PPMH15].
tasks [AJY+15, BM08, BKSM+15, KR11, MÖÖ17, NPTT06, PB12, PPMH15, PRV11, RF15, SRS16, Sha15, ZS17, NB12].

Task-based [ABC+16, BEDK18, LSL+17, MB14, PSS+18, STL+15, TFG+12].
task-centric [PBF15], task-parallel [ABF+17, ABC19, CGS15].

TaskLocalRandom [PPMH15].
tasks [AJY+15, BM08, BKSM+15, KR11, MÖÖ17, NPTT06, PB12, PPMH15, PRV11, RF15, SRS16, Sha15, ZS17, NB12].

Task-based [ABC+16, BEDK18, LSL+17, MB14, PSS+18, STL+15, TFG+12].
task-centric [PBF15], task-parallel [ABF+17, ABC19, CGS15].

TaskLocalRandom [PPMH15].
tasks [AJY+15, BM08, BKSM+15, KR11, MÖÖ17, NPTT06, PB12, PPMH15, PRV11, RF15, SRS16, Sha15, ZS17, NB12].

Task-based [ABC+16, BEDK18, LSL+17, MB14, PSS+18, STL+15, TFG+12].
task-centric [PBF15], task-parallel [ABF+17, ABC19, CGS15].
therapy [PBD+15]. Thermal [CC15, MO02a, TKZQ17, ACIC+13]. Thermal-aware [CC15, TKZQ17, ACIC+13]. thermal-hydraulic [MO02a].

theta [BG17, HLA+18]. theta-joins [BG17]. thin [BYN+17, MBP16, PIH04].

JLQ+17, JDH+18, KKW+14, NNvD09, RKS02, SLT+06, WWS+12. therapy [PBD+15]. Thermal [CC15, MO02a, TKZQ17, ACIC+13]. Thermal-aware [CC15, TKZQ17, ACIC+13]. thermal-hydraulic [MO02a].

tomography [SBC15]. tomorrow [DH15, LZWD+15]. TomusBlobs [CTAB16]. tool [AAV+15, DHH+13, FJP+05, HCG07, JK06, KSR14, LCC+03, RMG+10, SL14, TF03, VDPC03]. Toolkit [Jac02, ACG18, BM02, DKMV07, LPC+14, PTCN07, SHG+07, SCV+08, ZYZC17, MTD+02].

Toolkits [QEB+10]. Tools [BJ18, GM10, AFB+10, AGMR05, EHSU07, Ger05, GMT07, GyHKK11, Hoh06, LMK18, LGVH13, MWW10, MM10, PKB03, ZYL+08]. toolset [BBGA03, GWW+10, KvGS+14]. tooth [ZDHJ18]. Top [XLL+18, LFZ07].

Top- [XLL+18, LFZ07]. TOP100 [EEK+04]. ToPe [JKM+17]. Topic [GLD17, GC18, ZSZ15, RGCC15, WDW+15, XW13, XBW+15, ZJS11].

topological [ZQK15]. topologies [dCPD13, PMAL14, PGL+17]. Topology [RH07, VKN+09, BSZ09, CKRO13, HRR+11, NIU17, QLSS15, SWLJ17]. topology-based [NIU17, SWLJ17]. Tot [HYLG15, WWS+12].


traces [BHH09, CLR18, CDMS15, EJD15]. Tracing [CWIM18, MBGC16, VEJD17]. track [FB16, GYS+17].trackability [ALYD17]. Tracking [ATSAK15, CFV+08, FM08, CCCW13, DvNM+11a, JyLdZ+18, PWY18, RK15, WBZ10, ZLH+18].

trade [AAC+15, ANZT09, DD17, HBKM06, KAL07, XLYL17], trade-off [AAC+15, DD17, HBKM06, KAL07, XLYL17]. tradeoffs [MJL01]. Trading [YLLZ09, DDF16]. Traffic [HLG17, BJC17, FBV+17, GHMX13, IZXM09, KMA04, LZL17a, LJML10, MP+18, MOK04, MA15, SWLJ17, SSC+16, VO15, WMA07, WXY10, WF18, ZFW+17].

trails [KDG+08]. trained [SNEP14]. Training [AMRT14]. trajectory [PdCMdS+12]. transaction [CTY15, CKOG10, LCYJ08, MS17a, MS17b, MS18, MK12, SE01].

transaction-intensive [LCYJ08]. transactional [DVLY13, GTFA13, TSKM18, WS09, WMP+09, XJAJ18, YHH13, ZDR+18].

transactions [CTY15, MIVS13, QLF+06, YCWH07]. Transfer [ZLH+18, AC06, AC08, DPK10, KKL06, PC5HL18, TSK16, YYCH10, ZGS17, ZTZ+18].

transfers [MLVW12]. transform [LZJ+18, PJW+14, SP16].

transformation [CC12b, CC15, Cuz11, LHC14, SKK01, TXY+16, WLP+17, WCZ+18].

transformational [vWAH+02]. Transformations [OKW15, CSC+17, Dut17, GKS+07]. transformed [BY12, WLL14].
transforms [HP11, SEF+14]. transient [BG04]. transition [RVD+12].
translating [IS10]. translation [CDN15, LXP18, SD03]. transmission
[ASWR12, Dra17, DA15, HLHC12]. transmission-cost [HLHC12].
transmissions [DZ13]. transparency [GMS09, SK04]. Transparent
[KFS+06, CJZZ10, DSPST06, MD02, LNY+16]. Transparent-Desktop
[LNY+16]. transport [CL+18, RMCHMG15, VLF+13]. transportation
[DBGA16]. transporting [DGW16]. Transpose [AS15, TDM+15].
Transposing [KS04]. transshipment [LXP+12]. travelers [MCWL06].

u [WKL+11], u-City [WKL+11], U.K [WAS07, WC08], U.K. [Xu08].
Ubiquitous [MCY+10, HAE09, KRG+15, LCC+18, LDS+08, MZK16, XCHY13]. UFS [HBKM06]. Uintah [MB14]. UltraScan [MRJ+14]. ultrasound [PLL17]. UMM [YGL05]. unaware [DFPT06]. uncertain [LRS19, RGD+17, RTMZ13, ZCQ+17b]. uncertainty
uncontrolled [CAC+08], unconventional [FS18], uncooperative [BCK+09], undergraduate [MTVF14].
underperforming [CSL+18], underperforming-aware [CSL+18].
Understanding [GGHR16, JKL+17], underwater [MS07, SWS+18].
unicast [CQXW14], UNICORE [Erw02], Unified
[BBB+14, ATNW11, DvNM+11a, LHC14, ZWW14, GDMT+12].
uniform [Bac03, LLYL09, WP12], unintended [Kin04].
union [STTW18], union-find [STTW18], unique
[ACC+12, ADF+13, BDW14, CGIP16, CP14, DCJ12, DCJ14, DG11, DT15b, GWW17, GG14, KC13, LKPM09, LDZ+15, MCB14, MPSGD14, OLG+15, PSRR14, RCR+15, RK15, SPZ+10, SAD13, IssCY17, Str11, TZH12, VDL+15, VCW13, WCX16, LSXL17].
unit-accelerated [BDW14, CP14, MCB14, RK15].
unit-based [DCJ12, DG11, DT15b].
units [ATVLM14, ABDP15, AUHWJ19, BHQOS15, CC15, JdM12, LPH09, LLH+15, MAS16, MADS+10, PSCK+15, RMP+13a, RCA+11, SPMP11, SHST13, SEF+14, WJT+14, ZO14, ZD+14].
units/multi [SEF+14].
UNITY [DD16], universally [YL16].
universe [LFZ+17, SHH+14].
unknown [WXY10, Zhe16].
unlabeled [HZL+16].
unload [YZ10, ZYL10].
manned [ABK+18, LZH+15].
unmixing [SPMP11].
unobtrusive [MGS19].
unpacking [TNH15, TNI16].
unreliable [BPdM06].
unrolling [HBKM06, KKG04].
unsharp [PWJ+14].
unstable [RR11].
unstructured [Fer13, Fer15, FYK15, LW05, LDX13, LAM+09, NNH+14, NO02, Nak02, RLMG16, SGD+18, VDPC03].
unsupervised [LML+18].
untrusted [ATKH+17].
Unveiling [AAC+15].
UPC [MTK16].
UPCBLAS [GDMT+12], upcoming [BDG08].
update [FTRA15, VDPC03, WLFX17].
updates [KTR11].
UPGMA [LLH+15].
upgrade [BHV05].
urban [BH05, SBB+15, ZHZ+16].
URL [LYW+17].
Usability [SLB08, KBH+15b].
Usage [DRF07, AH14, BDP+14, CSL+18, FML15, JFM09, KTB17, PSL+16, SLV12, SS18, dRC10, vLDA07].
uses [CZ15b, FGC06, FBC10, JC07, KSK19, MFG+13, PRS01, SdSL18, WST+17].
use-case [WST+17].
used [ZCW+18].
User [Hoh06, MH18, OK15, SK04, SWZ+18, AaBT16, AFGL09, ATKH+17, BKM+07a, BT18, CZWH07, CSS10, CHZ10, CHZ12, DGM18, DJ19, HHWZ08, HCS18, JSEP15, JGKL13, KJHK03, KFS+06, KDW+17, MH07, MML16, RSC+15, SHST13, Sod07, TBTZ18, XY17, YBX+17, dRC10, vHK+11].
user-cloudlet [YBX+17].
user-friendliness [BKM+07a], user-interactive
[CZWH07, HHWZ08], user-level [CCSS10, KJHK03].
users [AAQAR+17, FLYL16, GYS+17, HSM14, HCD+18, MLZ19, MDX14, MH07, XDP18, YAA07, ZACG16].
uses [YW+17b].
Using [AG17b, CLL14, CNP+15, CFP+03, DKMM14, JFM09, KW01, LLB04, LFZ07, PRD+13, PLR+14, PFC+09, SHG+07, SWD+17, SS15c, TRW07, WJT+14, WLR05, XYER16, YTF+01, ZBP06, ZWS18, ZBP07, ANH16, ATVM14, ALKD16, AB01, ASE+17, AD02, AMHC11, ASWR12, ATKH+17, ...
AR16, ATSAK15, ART14, ABF+17, AC02, And13, ARPPM17, BDR+17, BYN+17, BHL+09, BA18, BA19, BV16, BCCM16, BCM+07, BdL06, BAZ09, BAG17, BBA18, BYT+12, CGOF15, CRC+15b, CSBL12, CW07, CH04, Cla18, CSB+16, CBBCD08, CPSP17, CodO+11, CDN15, CDP17, CMD11, DD16, DMC+18, DLZ16, DPK10, DFL14, Dra17, EN19, EB18, EZJ+18, ERZ+11, FG16, FJG+13, GQH17, GRSB09, GG09, GMMT17, GGV14, GQR16, HDDG09, HZL+16, HP11, HAA+17, HLB10, HLO+16, JVPI18, KA09, KB17, KMJ+17, KHM+11b, KKW+14, KHF+17, LW05, LYS18.

using [LKKL16, LSH+16, LGQ17, LS05, LTM+14, LLQL14, LGD15, MSMA19, MMW16, MTGZ17, MRS+10, MSL+14, MS17a, MS17b, MS18, MAVG16, MMSG17, MBC+14, MS10, MCB14, MRH14, MSM+14, MFC18, MvWL+10, MT09, NIIU17, NCWD04, NRR15, NSN+17, Og02, PWWR05, PIAH12, PGdCJ18, PPP10, PCD15, PV15, PVX+07, RVRD10, RTMZ13, RCA+11, RVVD+17, RCLSK16, RSTV05, RK15, SM02, SP16, SNEP14, SAdB16, SPJ14, SNB+01, SWB12, Sk06, SVN12, TMF+10, TTPJ16, TSKM18, VS11, VFAD17, WGZL06, WCA08, WBM+10, XXLL17, YGW17, YAA07, YLC11, YR15, ZZL+18, YESG+19, ZY16, ZWW+18, ZWW14, ZZL+18].

Utility [LPSF11, CL07, JZL15, OISS07, TAB+06]. Utilization [KCKC15, KC15, TK10]. utilizing [MvWvM+17, Roj19, ZYH12].

[ANPR16, DXHL17, ET15, EBMD13, GBXL17, HTHW16, HMFK15, HW16, LH14, LPY+08, MHL+05, MB14, MWL18, OKW18, QZDJ16, SWLJ17, SIM+07, TZLC15, WW08, WLL14, XWX+17, YXLZ16]. video [CDF+17, DZM+15, IHB15, KCS07, TSBR10, WYZ12, WQG+18, ZYZ+12, ZHM+17]. view [CWZL13, HLX+16, KSM+08b, LLF08, MML+17, NDT+16, VRSJ15, ZLY16, ZCS06]. VIGO [MTA+07]. violation [BA18]. violations [KMRT18, RC09]. VIRGO [JLHH14]. Virtual [BP03, CKSC10, EN09, GBB+15, LTK17, MW18, RIP18, SGV12, WLP+17, ZSO1, ZWF+06, ZLY18, AVS+19, AFT01, AMAB17, AMB+17, BB12, BB15, BDF15, BAZ09, CSMB15, CLR18, CG10, CCL+17, CH04, CFV+08, DFC12, DCM+17, DCA17, EDB+14, EB14, EMS15, GRSB09, GPW03, GE06, GCPS+14, HKS19, HG11, JvAB+15, KD10, KTB17, KBB11, KCKC15, KMG+18, KBT+14, KF18, LLL15, LHLH16, LSVML15, MS1c, MST15, MVML11, MRS+09, PLY13, PCH+08, PCB+18, RGCC15, RMP13b, SJBJ14, SYAMA17, TB12, VGL16, WKT08, WDT18, XHCL15, XTB17, XLQL18, XXY+16, YBY+15, ZZW16a, ZYN+07, ZLZ15, ZLH+15, ZBP07, ZWH+17, BBGA03, GKP+19, GGR+10, KKKH03, WL02]. virtualization [AKK+07, Che18, EdPG+10, MGV+18, QZDJ16, RSC+15, SIRP17]. virtualization-based [QZDJ16]. virtualized [ABitG+12, ACG18, CJZZ10, JCJ17, LJJL10, QLS13, RGAK15, RHZ+17, TZG+19, WTL+16]. Virtualizing [WSP17]. virus [MJL01]. virus-structure [MJL01]. visibility [Str11]. vision [Dik07]. Visual [BLA+14, OTO18, PDY14, BCI+18, CP14, MYD06, PSS+18, Qi17, WBC+17, LSY+12]. visualization [ASWR12, BDI+07, BDY03, BMP07, CMD17, FCT+02, GAW09, KSM+08a, MCY+10, PSLC11, PGO+04, SLV12, WBBW08, ZH16]. Visualizing [SHI+14, WT10, vLDA07]. visually [SHT+17]. Viterbi [LDZ14b, Rec01]. VLab [NAP+07]. VLCC [FAM+18]. VLDB [PB07b, PK08, PB07b, PK08]. VLW [GSG06, HBMK06, KB06, KBE07, KL12b, LHC14, LLYL09]. VMBackup [ZZW16a]. VMI [MPT17]. VMI-assisted [MPT17]. vocabulary [mLGP03]. Voice [GRGP12, PCL17, YJL12]. void [SWS+18]. VoIP [PCL17]. volatility [DCJ14, DLZ16]. Voltage [AMAB17]. volume [MHRI14, NNH+14, PSG03, WJ09, YSC+17]. volumetric [VSI11]. voluminous [BMPP17, SPS+19]. volunteer [AMGCC17, SNG18]. volunteered [CR12]. Voronoi [WCR+14]. Vorotals [HK07]. VOs [AAE+09]. voter [ZTM12]. voting [BV16, BF07]. VPP [LSKVW02]. VR [Che18]. vs [ASP19]. VSIP [ASS+05]. vSwitch [TZG+19]. vSwitch-enabled [TZG+19]. vulnerabilities [WLLZ18]. vulnerability [LKKL16]. vulnerable [QKSOJ7].

Workday [LZC08]. worker [ACIC+13, CAG+13, PRV11, VCP16]. Workflow [CL08, CC09, CW11a, CR13, FG06, KKM+06, ABC+08a, AMS17, BBG17, CEM+08, CY07, CY08, CM06, CGH+06, CKBB14, Cyb06, DRS+13, DCFC08, EQW+18, EMMD13, GFG+09, GBH+06, HKS19, HZHP09, HAA+07, HWZX08, JOC+15, JBL16, JZSL06, KCW09, KCKC15, KTM+09, LPS+09, LX08, LZC09, LWLZ11, LNCY11, LZBF17, LAB+06, LDG15, MTT15, MDB+17, MWHW16, OGA+06, OKP16, PLY13, PVR+09, QLD+11, RHRB13, RHuR+19, RCXS09, RC09, RSLK16, RRRS08, STH08, SD11a, SPBL06, SRL+14, SW11, TKB09, WKT08, WC09, WL11a, WZL13, WLC13, XZHW09, YPLJ11, YYL+12, ZWL+15, ZFT08, dSGD14, CR08]. workflow-based [RCSK16]. workflows [BML08, BP08, BYT+12, CLFT13, CMD11, DCG11, DKKL06, DT17, DYW16, GAE+06, HPHB+15, Hoh06, JBL16, KB17, LPSF11, LGL+17, LGL16b, LCY08, LZC08, MWT+10, MMW+12, MYDM06, MCD+15, NAK+15, ODS+13, RB17, Slo06, SGD+18, TMF+10, TCBR+10, TCBR11, TC12, WGG+07, XLYL17, XWH+17, ZJS+17, ZH15, dAAS12, dOOO+12]. Working [GG07]. Workload [BDV02, HWL18, SCC+10, ZF14, DKMV07, HHTA14, KHW05, MFG+13, PCF+17, SW09]. workflow-aware [PCF+17]. workloads [BPT+16, GGS+16, MOF15, MCC16, PSL+16, PCE18, RGAK15, WQS+16]. Workshop [Ang07, BJ18, CL08, CC09, CW11a, CR13, CS06, DDE+12, DMD16, Kni06, Mar05, PB07b, PK08, QFG14, ZZ16, BL17, Fox17a, MKO+17a, OKG18, CR08, Qu11, QFT14, Th07, TH10]. Workshops [WGK15, GWD15]. workspace [CBHTE11]. workstations [RCSK16]. WorkWays [NAK+15]. world [Del08, DvNM+11b, FBH+01, GL19, HSRN11, HM03, LSL+17, RLS+09, SIOS02, BBGA03]. world-wide [RSL+09, BBGA03]. Worm [CWXW16]. wormhole [ZLC17b]. Worst [HPS12, LLN+14]. Worst-case [HPS12, LLN+14]. Wound [LLZ+17b]. WPAN [CLH+11]. write [MRK18]. Writing [GBF09]. written [MBV05]. WS [GMS09, HLDZ18, PWWR05, XDL+11]. WS-BPEL [HLZD18]. WS-CDL [XDL+11]. WS-GAF [PWWR05]. WS-Naming [GMS09]. WSGE2006 [CR08]. WSF [KC18]. WSNs [Dra17, MMB+17]. WSPE [RGV09]. WSIF [Slo06]. WSRP [YWA07].
REFERENCES


YARN [LL16b]. Yunnan [MZS+10].


References

Acosta:2016:PFA


Aktas:2019:PAR


Antonioletti:2005:DIG


Abo-alian:2016:KDB

and Experience, 28(9):2567–2585, June 25, 2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


**Amar:2008:TSG**


**Aliaga:2015:CMS**


**Agullo:2016:TBF**


**Aliaga:2019:EAS**


**Amar:2009:RGA**

REFERENCES


[ABG+05] Mike Ashworth, Ian J. Bush, Martyn F. Guest, Andrew G. Sunderland, Stephen Booth, Joachim Hein, Lorna Smith,


REFERENCES


Abdelkhalek:2012:FSM


Afgan:2015:ECB


Artes:2017:TAG


Arnold:2002:ING


Alameda:2007:OGC

REFERENCES


[ACIC+13] Ignacio Arnaldo, Alfredo Cuesta-Infante, J. Manuel Colmenar, José L. Risco-Martín, and José L. Ayala.Boosting the 3D thermal-aware floorplanning problem through a


REFERENCES

wiley.com/cgi-bin/fulltext?ID=97517967{&}PLACEBO=IE.pdf.


<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Dates</th>
<th>CODEN</th>
<th>ISSN</th>
</tr>
</thead>
</table>


REFERENCES

Agudo:2009:CAC

Aktas:2008:XMS

Armstrong:2009:CIE

Aridor:2001:DIV

Alshareef:2017:RCM
REFERENCES


[AHK+15] Hartwig Anzt, Blake Haugen, Jakub Kurzak, Piotr Luszczek, and Jack Dongarra. Experiences in autotuning matrix multiplication for energy minimization on GPUs. 

Concurrency
REFERENCES


Althebyan:2015:EMR

Aleksy:2001:ASB

Almulla:2013:CKE

Adamski:2007:SPE

Armstrong:2006:CCM
REFERENCES

Abdallah:2013:RBW


Aktas:2018:HCC


Aktemur:2018:SMV


Assuncao:2004:GAC


Atallah:2004:ALA


Abdelfattah:2016:POS

Ahmad Abdelfattah, Hatem Ltaief, David Keyes, and Jack Dongarra. Performance optimization of sparse matrix-vector...


REFERENCES


[AMB17] Rafael Auler, Carlos Eduardo Millani, Alexandre Brisighello, Alisson Linhares, and Edson Borin. Handling IoT platform heterogeneity with COISA, a compact OpenISA virtual platform. *Concurrency and Computation: Practice and Expe-
Afify:2017:ESM


Afify:2017:PRS


Alonso-Monsalve:2017:NVC


Agrawal:2011:PPS


Alexandru:2015:LES


Amato:2018:CHS

[AMP+18] Flora Amato, Vincenzo Moscato, Antonio Picariello, Francesco Piccialli, and Giancarlo Sperlí. Centrality in heterogeneous


REFERENCES

Anglano:2008:SSP


Abawajy:2016:VRI


Astsatryan:2017:EOM


Anonymous:2002:SIA


Anonymous:2006:EBR

REFERENCES


REFERENCES

Anonymous:2014:IIf


Anonymous:2014:IIf


Anonymous:2014:IIf


Anonymous:2014:IIf


Anonymous:2014:IIf


Anonymous:2014:IIf


Anonymous:2014:IIf

Anonymous:2014:IIm


Anonymous:2014:IIn


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:IIId

REFERENCES


REFERENCES


Anonymous:2016:IIa


Anonymous:2016:IIb


Anonymous:2016:IId


Anonymous:2016:IIf


Anonymous:2016:IIg

Anonymous:2016:IIh


Anonymous:2016:IIi


Anonymous:2016:IIj


Anonymous:2016:IIk


Anonymous:2016:IIl


Anonymous:2016:IIm


Anonymous:2016:IIn

REFERENCES

Anonymous:2016:IIo


Anonymous:2016:IIp


Anonymous:2016:IIq


Anonymous:2017:IIa


Anonymous:2017:IIb


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

REFERENCES

Anonymous:2017:IIl


Anonymous:2017:IIm


Anonymous:2017:IIn


Anonymous:2017:IIo


Anonymous:2017:IIp


Anonymous:2017:IIq


Anonymous:2017:IIr

Anonymous:2017:IIs


Anonymous:2017:IIt


Anonymous:2017:IIu


Anonymous:2017:IIv


Anonymous:2017:IIw


Anonymous:2017:IIx


Anonymous:2018:Ila

REFERENCES


Anonymous:2019:IIf


Anonymous:2019:IIf


Anonymous:2019:IIf


Angelopoulos:2016:ECS


Asplund:2009:MET


Azatchi:2006:IGA

Aktas:2010:HPH


Antoine:2016:GAL


Al-Qurishi:2018:SGB


Alam:2016:ATB


Areias:2019:MDL

145

Atamli-Reineh:2017:FAP


Aldinucci:2014:DTB


Arzberger:2017:ROE


Al-Sadi:2015:FOF


Amirjanov:2017:SDA


Aburumman:2017:SRC


REFERENCES

Aydin:2008:BAG


Anand:2019:SPP


Alford:2005:IIJ


Akal:2008:TRG


Anand:2019:DFL

Al-Saidi:2012:DTM


Achalakul:2001:RTM


Aupy:2018:PDA


Adhinugraha:2014:FRN


Arkin:2017:SAD

REFERENCES


Andersen:2007:DAA


Aldred:2009:DCM


Andujar:2019:CVD


Agrawal:2017:ART


Aktulga:2014:ISS


Au:2014:SMV

### REFERENCES

<table>
<thead>
<tr>
<th>Citation</th>
<th>Title and Details</th>
</tr>
</thead>
</table>
REFERENCES


[BB04] Siegfried Benkner and Thomas Brandes. Compiling data-parallel programs for clusters of SMPs. *Concurrency and Computation: Practice and Experience*, 16(2–3):111–132,
Beloglazov:2012:OOD


Bokhari:2013:CCX


Beloglazov:2015:ONF


Budiardja:2018:ALR


Bosilca:2014:UMA

Boumerzoug:2016:LKM


Bai:2016:WLC


Begel:2002:AVA


Bouteiller:2010:RML


Bez:2017:PEE

Bastos:2017:WPB


Buyya:2003:VLT


Bhatele:2011:OCC


Baldoni:2005:MPS


Burger:2017:MMS


Bao:2016:LPP

REFERENCES


Belmonte:2006:ERD


Bekas:2012:LCD


Bokhari:2014:MMM


Barrachina:2009:ECM


Bampis:2018:LBV

REFERENCES


[BD04] Azzedine Boukerche and Caron Dzermajko. Performance evaluation of Data Distribution Management strategies. *Con-
REFERENCES


Barak:2015:RGA


Buravlev:2018:EEL


Buyya:2005:NID


Browne:2014:COS

REFERENCES


REFERENCES


REFERENCES


**Benner:2017:EGH**


**Bernholdt:2007:SIC**


**Barreto:2007:VVW**


**Boichat:2001:OC**


**Basney:2014:CFX**

REFERENCES

Blanchard:2017:EAM


Bolten:2017:ADA


Balaji:2010:GSD


Boeres:2006:EFS


Bernaschi:2010:FHP

Baraglia:2005:SMH


Biberstein:2007:CAA


Boton-Fernandez:2015:ISA


Brebner:2004:JEB


Bartolini:2014:EES


Bellas:2017:GPT

Christos Bellas and Anastasios Gounaris. GPU processing of theta-joins. *Concurrency and Computation: Practice and Ex-
REFERENCES

perience, 29(18):??, September 25, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Barcellos:2011:CSP


Baboulin:2007:DPS


Balakrishnan:2014:PCS


Bertino:2003:SOM


Banicescu:2001:EIA

Buhr:2005:CUL


Babik:2009:ODL


Balaji:2016:EPM


Babamir:2015:PPD


Brown:2015:FGF


Bouteiller:2013:CSC


REFERENCES


Barbosa:2018:TSI


Bui:2017:GTA


Budimlic:2005:CAW


Beyler:2009:MPF


Binzenhofer:2008:DAS

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


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Boehmer:2012:TTC

Balkir:2015:EGD

Bokhari:2012:PSS

Boussinot:2006:FMC

Bourne:2013:RLB

Breg:2003:JVM
REFERENCES


REFERENCES


REFERENCES

May 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES

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


REFERENCES


REFERENCES

189

Choi:2011:BLS


Chen:2009:SII


Cardoso:2010:MSO


Camata:2013:PIP


Chen:2015:TAC


Chen:2012:MLS

[CCC12a] Chih-Yuan Chen, Jhong-Yi Ciou, and Rong-Guey Chang. Multi-level simultaneous multithreading scheduling to reduce


REFERENCES

Carretero:2016:EHA


Chard:2017:SCD


Chen:2017:MLF


Costea:2017:TOO


Cassagnes:2015:SDA

REFERENCES


REFERENCES


[CDF+17] Laizhong Cui, Linyong Dong, Xianghua Fu, Zhenkun Wen, Nan Lu, and Guanjing Zhang. A video recommendation al-


REFERENCES


[CG01] Alessandro Coglio and Allen Goldberg. Type safety in the JVM: some problems in Java 2 SDK 1.2 and proposed solutions. *Concurrency and Computation: Practice
REFERENCES


Carroll:2010:FVO


Coulson:2006:CBM


Carretero:2017:EAA


Cuenca:2017:GIB


Churches:2006:PSD

David Churches, Gabor Gombas, Andrew Harrison, Jason Maassen, Craig Robinson, Matthew Shields, Ian Taylor, and Ian Wang. Programming scientific and distributed workflow


REFERENCES


REFERENCES


Chen:2015:RSD


Choi:2001:PPF


Canon:2017:CCC


Chan:2007:CCT


Constantiou:2010:RFS


Constantiou:2012:HDF

[CHZ12] Ioanna Constantiou, Natascha Hoebel, and Roberto V. Zicari. How do framing strategies influence the user’s choice of
REFERENCES


Cushing:2014:AWS


Chou:2009:MAB


Charara:2017:FDT


Conti:2019:CCE


Curbera:2006:IBA


Cavendish:2010:MVA

REFERENCES

Christodoulopoulos:2013:SIP


Choi:2010:DDR


Cabo:2001:TOO


Chunlin:2007:OAD


Chen:2008:SIS

Carver:2010:DRT


Chen:2013:ESIb


Chang:2014:LCG


Choi:2016:XAP


Carracciuolo:2018:INL


Clarke:2018:TSC

Chen:2017:EHQ


Chu:2008:SOG


Chen:2011:ADH


Chou:2013:IEE


Chen:2016:RPR


Chancelier:2014:UPN

[CLL14] Jean-Philippe Chancelier, Bernard Lapeyre, and Jérôme Lelong. Using Premia and Nsp for constructing a risk man-


Clauss:2015:NSS


Chetsa:2014:TSB


Chen:2016:DAT


Cesario:2013:SIP


Cui:2015:AEI

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Volume/Issue</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
</table>


REFERENCES


Coutinho:2011:MTC


Coglio:2003:IOS


Coglio:2004:SVT


Chessa:2014:GPU


Cardenas:2007:MCC


Chilipirea:2017:SON


REFERENCES


[CRB+17] Rodrigo N. Calheiros, Kotagiri Ramamohanarao, Rajkumar Buyya, Christopher Leckie, and Steve Versteeg. On the effectiveness of isolation-based anomaly detection in cloud data...

**Carlini:2015:ICP**


**Casarino:2015:GWB**


**Caminero:2009:PEA**


**Cruz:2012:DBM**


**Cuomo:2015:PPP**

REFERENCES


[CS17] Steffen Christgau and Bettina Schnor. Exploring one-sided communication and synchronization on a non-cache-coherent many-core architecture. *Concurrency and Computation:
Practice and Experience, 29(15):??, August 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Cao:2018:PUA


Caballer:2015:PDC


Ciegis:2017:PSF


Coutinho:2013:PDG


Chugunov:2006:PIM


Malolan Chetlur and Philip A. Wilsey. Causality information and proactive cancellation mechanisms. *Concurrency and
REFERENCES


Chen:2011:SIF


Chen:2011:DCM


Chen:2010:DPS


Chen:2003:PJC


Ciołczyk:2018:TLS


Cheng:2015:NAD


Chen:2006:DSI


Chen:2016:WPM


Chen:2017:MDF


Cao:2013:SIPA


Chen:2018:ESC

Chen:2015:PMP


Cheng:2018:DDP


Chen:2017:TAS


Chen:2007:MSB


Chen:2008:TGW


Casado:2015:ETT

REFERENCES

Cybok:2006:GWI


Cao:2015:EBD


Chen:2011:BDR


Chen:2015:AIQ


Cheng:2015:OMU


Chen:2019:AGR


Chen:2018:QES


Dung:2015:SSA


Dashdorj:2019:HLE


deAlencar:2012:PPS


Dabrowski:2009:RGC

Djoudi:2009:CAA


deAssuncao:2008:ICI


Diaz:2012:TCB


Doerfler:2018:ENC


Gomes:2011:AEE


Dorre:2015:MOM

REFERENCES

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


REFERENCES

DeGrande:2013:DRA

Dutra:2017:EVS

Ding:2018:SBR

DAgostino:2014:CAM

Davoust:2015:PPP
REFERENCES


REFERENCES


REFERENCES


REFERENCES

Del-Fabbro:2007:DSM


Sampaio:2006:MMP


DiStefano:2006:SRR


Davidovic:2018:ACF


Dias:2011:GPU

REFERENCES


REFERENCES


**[Dai:2015:DMN]**

**[Dong:2018:IMD]**

**[Do:2013:SIP]**

**[Dongarra:2003:LBP]**

**[Dainotti:2007:SPE]**
Duan:2016:SRA


Deng:2016:MBP


Dixon:2016:PEF


Dong:2015:ERR


Djouama:2013:PEL


Ding:2018:AMD

[DMC+18] Zengyu Ding, Gang Mei, Salvatore Cuomo, Hong Tian, and Nengxiong Xu. Accelerating multi-dimensional interpola-


REFERENCES

Doallo:2014:EMC


Do:2019:LLC


Djemame:2011:BRA


Docan:2010:EHS


Dib:2017:SBP


Denis:2003:APE

REFERENCES


REFERENCES

Astorga:2017:GPP

dosReis:2010:CPU

Dumitrescu:2007:USB

dOrazio:2010:ACS

Righi:2016:JAP
REFERENCES


REFERENCES


Dijkstra:2006:ITO  

Dias:2013:SIP  

Drost:2011:JUR  

Drost:2011:ZPP  

Dillon:2009:ALM  

Dong:2015:CHP  
Xinnan Dong, Mei Wen, Jun Chai, Xing Cai, Mandan Zhao, and Chunyuan Zhang. Communication-hiding programming


REFERENCES


[EABVGV14] Iria Estévez-Ayres, Pablo Basanta-Val, and Marisol Garcia-Valls. Composing and scheduling service-oriented applica-

**Estevez-Ayres:2011:HAS**


**Eugster:2005:OOP**


**Escheikh:2010:OML**


**Ellingson:2014:HTV**


**Ebadifard:2018:PBT**

REFERENCES


Ejarque:2010:ESV


ElMaghraoui:2009:MIM


Edmundsson:2004:DET


Ezugwu:2017:NNB


Edelstein:2003:FTM

REFERENCES


Engelmann:2016:NDR


Ebadi:2019:EAM


English:2015:SME


Escobar:2019:EAL


Ericson:2015:FRR

Eichinger:2014:DMD


Ezzatti:2019:PAC


Emmanuel:2018:COH


ElZein:2012:GOC


Erwin:2002:UGC


Eyers:2011:CLS

Evoy:2011:PDE


Escudero-Sahuquillo:2017:ESI


Escudero-Sahuquillo:2011:CEQ


Elghirani:2009:ISR


Elmroth:2009:SBG


REFERENCES


Finger:2010:RUP


Fahringer:2001:DPA


Fu:2016:IPD


Fournier:2013:MTP


Fuentes:2017:SST

[FBV+17] Pablo Fuentes, Mariano Benito, Enrique Vallejo, José Luis Bosque, Ramón Beivide, Andrecea Anghel, Germán Rodríguez.


Falch:2017:MLB


Falch:2018:ILS


Fechner:2012:MFM


Fernandez:2003:LRE


Fedak:2013:ESI


Ferenbaugh:2013:CGS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[FNI17] Shunji Funasaka, Koji Nakano, and Yasuaki Ito. Adaptive loss-less data compression method optimized for GPU decom-

[Fisne:2018:DIR]


[Fursin:2004:FAM]


[Fox:2001:SIA]


[Fox:2005:SIA]


[Fox:2010:EEM]


REFERENCES


REFERENCES


REFERENCES


Fu:2015:FPS


Fox:2007:SIA


Fox:2008:SII


Goscinski:2008:PPH


Grant:2009:IEE


Graham:2006:CCM

REFERENCES


Goldman:2017:ECA


Grimstead:2009:RRA


Goodyer:2007:PSI


Gordienko:2015:ISG


Gu:2016:SMR


Guo:2009:WPS

Jia Guo, Ganesh Bikshandi, Basilio B. Fraguela, and David Padua. Writing productive stencil codes with overlapped


REFERENCES


[GCPS+14] Ginés D. Guerrero, Juan M. Cebrián, Horacio Pérez-Sánchez, José M. García, Manuel Ujaldón, and José M. Cecilia. Toward energy efficiency in heterogeneous processors: findings

Gill:2019:RSC


Ge:2015:HSH


Gu:2017:RSI


Grosu:2006:ARG


Gores:2007:DDS

REFERENCES


REFERENCES

Gerndt:2007:SDP

Gabriel:2010:TPP

Goderis:2009:BWD

Griebl:2004:STM

Gerndt:2007:SIE

Giannoutakis:2009:DIP
Konstantinos M. Giannoutakis and George A. Gravvanis. Design and implementation of parallel approximate inverse

**García-Guirado:2014:MRD**


**Gallege:2016:UTS**


**Gomez:2011:HRP**


**Glasscoe:2010:AEF**


**Georgakoudis:2016:MMF**


and Experience, 29(11):??, June 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Gomez-Iglesias:2010:GBM


Grosu:2017:EIS


Goldchleger:2004:IOO


Granat:2009:PER


Geldhill:2008:MSM


Gmeiner:2014:PMH


Garcia:2019:HLP


Gassend:2004:IAI


Govindaraju:2007:DII


Guo:2017:TMC


Ge:2016:DSR

March 25, 2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


L. Gualà and G. Proietti. Efficient truthful mechanisms for the single-source shortest paths tree problem. Concur-
REFERENCES

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


Gai:2017:SCI


Gao:2018:DMS


REFERENCES


**Groep:2006:CRD**


**Gonzalez-Velez:2010:ASP**


**Grelck:2012:AAO**


**Gesing:2011:SIP**


**Gomes:2012:PEM**


REFERENCES


[Gu:2017:NAT] Xiaodan Gu, Ming Yang, Congcong Shi, Zhen Ling, and Junzhou Luo. A novel attack to track users based on the behavior


REFERENCES


REFERENCES


Hu:2015:QIM


Houstis:2002:MRP


He:2018:PNU


Howell:2007:CNT


Hupfeld:2008:XAC

Felix Hupfeld, Toni Cortes, Björn Kolbeck, Jan Stender, Erich Focht, Matthias Hess, Jesus Malo, Jonathan Marti, and Eugenio Cesario. The XtreemFS architecture — a case for


REFERENCES

Hey:2005:SIG


Hodon:2017:EFS


Halima:2010:LSM


Hayardeny:2007:DDC


Hofmann:2017:PAK


[HHKA14] Nikolas Roman Herbst, Nikolaus Huber, Samuel Konev, and Erich Amrehn. Self-adaptive workload classification and fore-

[Hwang:2016:FMN]

[Hao:2008:SPU]

[Hicks:2018:IBC]

[Hackenberg:2012:PAM]

[Hinkelmann:2011:CPA]

[Huang:2017:SAC]
Shuanglin Huang, Aixia Jing, Jianjun Tan, and Jian Xu. Subcarrier allocation and cooperative partner selection based on


[Humphrey:2010:PCC] Marty Humphrey, Jie Li, and Norm Beekwilder. Publication and consumption of caBIG data services using .NET. *Con-
REFERENCES


Hu:2015:PSH


He:2017:TCB


Huang:2017:TSD


Hu:2012:TTF


Hu:2015:CBC

Hung:2016:EBP


Han:2016:III


Hu:2018:NQA


Haidar:2012:ADS


Hu:2018:PDM


Hudson:2003:SCG

[HM03] Richard L. Hudson and J. Eliot B. Moss. Sapphire: copying garbage collection without stopping the world. *Concurrency...
REFERENCES


**Hill:2013:SIP**

Hill:2013:SIP

-Hill:2013:SIP


**Hoare:2010:FGC**

-Hoare:2010:FGC


**Hoheisel:2006:UTL**

-Hoheisel:2006:UTL


**Hyoudou:2004:PCS**

-Hyoudou:2004:PCS


**Hou:2012:I**

-Hou:2012:I


**Hawick:2011:HSL**

-Hawick:2011:HSL

REFERENCES


REFERENCES


REFERENCES

Hosny:2014:CBP

Hatef:2018:HHI

Hanlon:2014:PRI

Hogan:2011:BNW

Heinecke:2015:COM


REFERENCES


REFERENCES

4277–4290, November 2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Han:2014:ERI

He:2009:NTC

Han:2016:BTC

Ibanez:2011:CDF

Ibanez:2011:ABP

Ikram:2015:AIT
Ahsan Ikram, Ashiq Anjum, Richard Hill, Nick Antonopoulos, Lu Liu, and Stelios Sotiriadis. Approaching the Internet

HZC+14

HZHP09

HZL+16

IÁBE11

IÁE11

IAH+15


**Iosup:2011:PGP**


**Inostrosa-Psijas:2018:SAA**


**Igual:2013:SAB**


**Imbs:2011:LCC**


**Ifill:2010:STR**

REFERENCES

Iwashita:2002:VFD


Ino:2014:PSA


Iizuka:2002:PSS


Isaila:2003:CFP


Ichikawa:2009:OPA

[ITK09] Shuichi Ichikawa, Sho Takahashi, and Yuu Kawai. Optimizing process allocation of parallel programs for heterogeneous

Ichikawa:2017:PEI


Islam:2009:SFN


Javadi:2008:CAM


Jackson:2002:PP1


Jhumka:2015:FSB


**Jaradat:2016:TAD**


**Jagode:2018:EDP**


**Jimenez:2012:TDT**


**Jarvis:2008:PPC**


**Jiang:2013:SIP**


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

[Jin:2018:CSE]


[Jaf:2017:MCD]


[Jal:2006:EMO]


[Jun:2007:FDD]


[Je:2019:SIS]

Jha:2009:UCP


Jiang:2016:NPD


Jimack:2003:PAN


Jan:2017:PPB


Jain:2015:FDW

Jones:2018:EST


Jones:2009:NAS


Joshi:2005:DFP


Junior:2017:PEA


Johnson:2002:CBP


Ji:2015:SMD

Changqing Ji, Wenyu Qu, Zhiyang Li, Yujie Xu, Yuanyuan Li, and Junfeng Wu. Scalable multi-dimensional RNN query processing. *Concurrency and Computation: Practice and
Jiang:2008:MMI


Jiang:2019:SOP


Jeong:2016:ECC


John:2017:ABA


Jia:2015:EUI


Jones:2007:CBI

J. Jones, M. Sosonkina, and Y. Saad. Component-based iterative methods for sparse linear systems. *Concurrency and
REFERENCES


REFERENCES

Jones:2005:PPP


Jiang:2017:SCS


Jumira:2013:EEB


Jin:2006:SIG


Jin:2018:CTC


Jiang:2015:LMF

REFERENCES


Jing:2014:SSE


Jing:2015:CSA


Jin:2006:CWB


Kalantari:2009:GPP


Kurniawan:2011:IIS

REFERENCES


KAM11] Diwakar Krishnamurthy, Mehrnoush Alemzadeh, and Mah- 
mood Moussavi. Towards automated HPC scheduler con-
figuration tuning. *Concurrency and Computation: Practice 
and Experience*, 23(15):1723–1748, October 2011. CODEN 
CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Formal system-level design space exploration. *Concurrency 
and Computation: Practice and Experience*, 25(2):250–264, 
February 2013. CODEN CCPEBO. ISSN 1532-0626 (print), 
1532-0634 (electronic).

Kar14a] Bill Karakostas. A high performance engine for concurrent 
DEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Kar14b] Bill Karakostas. A scalable architecture for concurrent online 
auctions. *Concurrency and Computation: Practice and Ex-
ISSN 1532-0626 (print), 1532-0634 (electronic).

Kar16] Michal P. Karpowicz. Energy-efficient CPU frequency control 
CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

KB06] Christoph Kessler and Andrzej Bednarski. Optimal inte-
1353–1390, September 2006. CODEN CCPEBO. ISSN 1532-
0626 (print), 1532-0634 (electronic).
REFERENCES

Krall:2012:SIC


Kurdziel:2013:FED


Khalili:2017:OSW


Kwack:2018:HHB


Kim:2011:PAP


Kaur:2017:DCS

REFERENCES

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

Kessler:2007:CGS


Klemm:2009:RTM


Kong:2015:RWS


Kunszt:2015:ISG


Kiss:2014:LSV


Kim:2017:MLR


Kumaraswamy:2019:DKS


Kim:2015:UWM


Kang:2007:ARS


Kelly:2009:LCW


Kurc:2005:SDA

[KCZ+05] Tahsin Kurc, Umit Catalyürek, Xi Zhang, Joel Saltz, Ryan Martino, Mary Wheeler, Małgorzata Peszyńska, Alan Suss-


Kumari:2017:DSU


Kessler:2004:MDS


Kavas:2001:CWN


Kruger:2011:IPS


Kadirvel:2015:TSC


Kim:2011:ELA


Kuckuk:2017:TGE


Kerbyson:2005:PCB


Krichen:2015:DRD


Katsinis:2006:PPM


Keen:2003:CCP

[KIM+03] Aaron W. Keen, Takashi Ishihara, Justin T. Maris, Tiejun Li, Eugene F. Fodor, and Ronald A. Olsson. A comparison
REFERENCES


King:2004:SMM


Kolaczek:2015:TBS


Knijnenburg:2004:ECM


Kim:2003:DIU


Kang:2010:ARI


Iffat H. Kazi and David J. Lilja. Dynamically adapting to system load and program behavior in multipro-

Kessler:2012:OCP


Kuan:2012:CSV


Kurzak:2010:SDL


Kotowski:2008:PQP


Kermarrec:2003:PHA


Hiroshi Koide and Yuji Oie. A new task scheduling method for distributed programs that require memory management. *Concurrency and Computation: Practice and Experience*, 18
REFERENCES


REFERENCES

Kromer:2014:DPD


Kim:2017:TES


Korch:2004:CTP


Kielmann:2006:SIA


Kunis:2011:OLB


Khabou:2015:TBC


Andrew Kennedy and Don Syme. Transposing F to C: expressivity of parametric polymorphism in an object-oriented
REFERENCES


Korsholm:2014:RTJ


Kienberger:2017:PHC


Kumar:2004:RMF


Khosravi:2017:OVM


Karakus:2018:EDL


Kyriazis:2009:SSW

Dimosthenis Kyriazis, Konstantinos Tserpes, Andreas Menychtas, Ioannis Sarantidis, and Theodora Varvarigou. Ser-


REFERENCES


Yan Kong, Minjie Zhang, Dayong Ye, Jinxiu Zhu, and Junho Choi. An intelligent agent-based method for task allocation


Lachhab:2018:PEL


Lengauer:2015:ESI


Lengauer:2016:ESI


Lengauer:2017:ESIa


Lanc:2014:ABA


Lee:2016:HAA

Kevin Lee, Georg Buss, and Daniel Veit. A heuristic approach for the allocation of resources in large-scale comput-


REFERENCES


[LDPZ14] Wei Li, Flávia C. Delicato, Paulo F. Pires, and Albert Y. Zomaya. Energy-efficient task allocation with quality of

**Lupu:2008:AAM**


**Lin:2013:SIP**


**Li:2014:PSC**


**Li:2014:EGP**


**Li:2015:EGP**

Rongchun Li, Yong Dou, Dan Zou, Shi Wang, and Ying Zhang. Efficient graphics processing unit based layered decoders for quasicyclic low-density parity-check codes. *Concurrency and Computation: Practice and Experience*, 27(1):


REFERENCES

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


[LFZ07] Jie Liu, Liang Feng, and Hai Zhuge. Using semantic links to support top-$K$ join queries in peer-to-peer networks. Con-
Li:2017:PCL


Liebrock:2008:MMS


Lindsay:2013:BGM


Lushbough:2015:LSD


Lanchares:2013:RBC

Luján:2005:EJA


Liu:2016:MBM


Li:2017:ISC


Lawande:2016:NGM


Lin:2016:OOS


Liao:2017:FAF

[LGL+17] Jianwei Liao, Balazs Gerofi, Guo-Yuan Lien, Takemasa Miyoshi, Seiya Nishizawa, Hirofumi Tomita, Wei-Keng Liao, Alok Choudhary, and Yutaka Ishikawa. A flexible I/O arbitration framework for netCDF-based big data processing work-


REFERENCES


Liu:2017:VSS


Li:2018:GAE


Leal:2010:PBS


Liu:2016:TVD


Litke:2009:FTP

REFERENCES


[LKJ03] Glenn R. Luecke, Marina Kraeva, and Lili Ju. Comparing the performance of MPICH with Cray’s MPI and with SGI’s

Li:2016:CSV


Li:2009:PSF


Luecke:2004:PSM


Luecke:2001:SPO


Lee:2005:GPH

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


[LLi08] Jin Liu, Xiang Li, and Liang Feng. Resource space view tour mechanism. *Concurrency and Computation: Practice and
ISSN 1532-0626 (print), 1532-0634 (electronic).


REFERENCES


REFERENCES

1052–1066, April 10, 2014. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[Lu:2017:WIC] Huimin Lu, Bin Li, Junwu Zhu, Yujie Li, Yun Li, Xing Xu, Li He, Xin Li, Jianru Li, and Seiichi Serikawa. Wound intensity correction and segmentation with convolutional neural


REFERENCES

LoRe:2015:SRN


Lucchese:2010:MTP


Limet:2018:HCS


Liu:2018:MBP


Li:2017:ENA


Liu:2011:PST

REFERENCES

tice and Experience, 23(16):1893–1919, November 2011. CO-
DEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (elec-
tronic).

Li:2016:ESC


Liogkas:2008:ERB

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

Langer:2010:NSQ


Lettich:2017:MGP

[LOSJ17] Francesco Lettich, Salvatore Orlando, Claudio Silvestri, and Christian S. Jensen. Manycore GPU processing of repeated range queries over streams of moving objects observations. Concurrency and Computation: Practice and Experience, 29 (4):??, February 25, 2017. CODEN CCPEBO. ISSN 1532-
0626 (print), 1532-0634 (electronic).

Lowe:2017:TL

0634 (electronic).
Ludascher:2008:CMM


Lorenzo:2014:HCB


Luo:2014:HMT


Leist:2009:EGP


Lee:2009:AWP


Lee:2011:UFA


[Li:2017:ESC] Xiaoyong Li, Kaijun Ren, Xiaoling Li, and Jie Yu. Efficient skyline computation over distributed interval data. *Concurrency...
Lu:2015:RED


Liu:2005:PRS


Loidl:2014:ESM


Liu:2015:GFG


Lakshminarasimhan:2013:IES

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Li:2015:EBD


Li:2017:EAH


Liu:2011:DOM


Li:2016:BED


Lin:2006:AFL

REFERENCES

Lin:2015:PLP


Li:2016:OTD


Liu:2017:DAM


Li:2016:DDA


Li:2017:NMB


Li:2008:CSG

REFERENCES

*Luo:2009:GSK*


*L:2012:CCI*


*L:2018:ATJ*


*L:2013:SIPa*


*L:2016:POL*

REFERENCES


REFERENCES


Guo Li, Dafang Zhang, Yanbiao Li, Jintao Zheng, and Keqin Li. Energy-efficient fuzzy control model for GPU-accelerated...


Maamar:2013:EMC


Martins:2010:DMU


Murai:2002:IEH


Muhtaroglu:2018:DHC


Malard:2005:RPO


May:2010:CPA


Mayhew:2018:S


Moritsch:2002:HPN


Manias:2012:CBM


Meng:2014:SLS


Mustafee:2015:EIT

Navonil Mustafee and Nik Bessis. Editorials: The Internet of Things: shaping the new Internet space. *Concurrency
REFERENCES


Morelli:2016:HLA


Mele:2018:PPT


Merlo:2011:QSG


McLennan:2015:HPI


McEwan:2010:GE

 REFERENCES

Man:2008:DLS


Mastroianni:2018:ESE


Marker:2012:PMC


Morajko:2007:MMA


Ma:2006:GPI


REFERENCES


Moore:2018:LLE


McLean:2004:MRT


McGough:2013:SIP


Moreton-Fernandez:2019:ARC


Maloney:2009:SRC


[Mehrabi:2019:PUP] Mostafa Mehrabi, Nasser Giacaman, and Oliver Sinnen. @PT: Unobtrusive parallel programming with Java annotations. *Concurrency and Computation: Practice and Expe-


REFERENCES

Malard:2005:PIC


Mohan:2014:BHV


Maabreh:2018:MHT


Meawad:2013:SIP


Mittal:2017:STA


Mittal:2017:STD

Sparsh Mittal. A survey of techniques for designing and managing CPU register file. *Concurrency and Computation:
REFERENCES

Mittal:2017:SVP

Mittal:2019:STD

Marzouk:2011:SSC

Miao:2015:NHS

Miao:2017:AEP

Marinescu:2001:STT
Dan C. Marinescu, Yongchang Ji, and Robert E. Lynch. Space-time tradeoffs for parallel 3D reconstruction algorithms


Meier-Kolthoff:2014:HPI


Maassen:2001:PAE


Maris:2004:CCP


Meier:2004:DIP


Maheshwari:2017:ERF

Montella:2017:ALA


Morgan:2016:SPM


Montella:2015:FIS


Manumachu:2019:DSA


Moreau:2008:SIF

[Luc Moreau, Bertram Ludäscher, Ilkay Altintas, Roger S. Barga, Shawn Bowers, Steven Callahan, George Chin Jr., Ben Clifford, Shirley Cohen, Sarah Cohen-Boulakia, Susan Davidson, Ewa Deelman, Luciano Digiampietri, Ian Foster, Juliana Freire, James Frew, Joe Futrelle, Tara Gibson, Yolanda Gil,
REFERENCES


REFERENCES


Min:2010:SIA


Mu:2017:PCD


Ma:2019:FIU


Mucci:2010:OSP


Melab:2017:EMM


Monnet:2017:DWE

[MMB+17] Quentin Monnet, Lynda Mokdad, Paolo Ballarini, Youcef Hammal, and Jalel Ben-Othman. DoS detection in WSNs:


Mendez:2017:IAB


Mann:2001:DEW


Manca:2016:CQI


Massingill:2007:RPE


Mazumder:2017:SAE

REFERENCES


REFERENCES


REFERENCES


Tania Malik, Vladimir Rychkov, and Alexey Lastovetsky. Network-aware optimization of communications for parallel

**Macia:2015:PNB**


**Miao:2018:CAN**


**Martens:2003:DQS**


**Milanes:2008:SAH**


**Murray:2009:EGV**

Macias:2010:MRG


Ma:2016:DSC


Milicia:2005:JTC


Mar:2007:DCT


McEwan:2010:MAA


Mach:2013:SIP

Mahato:2017:BTA


Mahato:2017:LBT


Mann:2017:WBA


Mahato:2018:MAT


Menouer:2017:LPS

Martínez:2018:EFM


Majd:2018:PIC


Mury:2010:TDM


Madduri:2014:EBG


Mitchell:2014:PCF

M:2019:IPM


March:2013:SIP


Murphy:2019:SRT


Medeiros:2016:GCA


Manno:2015:SBF

Malony:2005:PTP


Miller:2013:RFR


Missikoff:2015:OBM


Montes:2010:FOC


Minson:2008:DRA


Mustafee:2009:SSA

Matsunaga:2007:SGM

Mock:2002:PCG

Ma:2017:NSN

Michael:2014:MCB

Mallon:2016:MUB
REFERENCES


Maassen:2006:MAD


Madarbux:2014:TZL


Muller:2010:SMA


Maassen:2017:CUL

REFERENCES


[MWL18] Yashuang Mu, Lidong Wang, and Xiaodong Liu. A fast rank mutual information based decision tree and its imple-

Myre:2011:PAS


Ma:2015:GSE


Ma:2017:CAP


Martin:2018:HWP


Mohr:2010:PMA


Hong-Sheng Ma, Yong Zheng, Zhi-Gang Shao, Chang-Sheng Jiang, Long-Quan Zhou, and Guo-Min Zhang. Simulation on


Namasudra:2019:IAB


Nacar:2007:VCG


Narasimhan:2005:SIF


Netto:2012:CRB


Neary:2005:AES


Nicholson:2008:DDR

REFERENCES


Nassif:2009:RSG


Nakajima:2002:PIS


Noble:2008:GMY


Notare:2016:ENA


Notare:2016:EWM


Novotny:2004:GPF


Nascimento:2007:DDS


Neelima:2017:KGA


Niewiadomska-Szynkiewicz:2013:SIP


Niewiadomska-Szynkiewicz:2016:ECS

REFERENCES


REFERENCES


REFERENCES

START; http://www3.interscience.wiley.com/cgi-bin/  
fulltext?ID=95016136 (&)PLACEBO=IE.pdf.

Ormandi:2013:GLL


Ogawa:2007:GAF


Olsson:2015:UAR


Ogiela:2018:EBI


Olabarriaga:2018:SIC


Olsen-Kettle:2010:MDS


Ortín-Obón:2014:CSO


Och:2001:CDM


Olson:2015:LIS


Oliveira:2013:DSM


OBoyle:2009:OPK


ORyan:2001:EPM

Carlos O’Ryan, Douglas C. Schmidt, Fred Kuhns, Marina Spivak, Jeff Parsons, Irfan Pyarali, and David L.


Popov:2017:PHA


Pereira:2017:SBC


Picone:2015:CGR


Parashar:2002:SIS


Paton:2008:ADM

REFERENCES


REFERENCES

Pokam:2004:SRP

Penmatsa:2014:CMU

Piccialli:2017:LBI

Plale:2017:EPR

Pickartz:2018:PCV


Piccialli:2017:ECH

Pokharel:2017:CAV

Pop:2012:BIC

Park:2018:SSI

Perez:2004:OBA

Padial-Collins:2004:POC
[PCVZ+04] N. T. Padial-Collins, W. B. VanderHeyden, D. Z. Zhang, E. D. Dendy, and D. Livescu. Parallel operation of

**Perrot:2016:OGB**


**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
REFERENCES


[PGW06] Rosario M. Piro, Andrea Guarise, and Albert Werbrouck. Price-sensitive resource brokering with the Hybrid Pricing
REFERENCES


REFERENCES

Peinado:2012:SSD


Pierce:2008:SIE


Pop:2016:EAM


Pan:2004:PBC


Piccialli:2018:DFI

Pu:2014:RSI


Pierson:2008:SIS


Pirahandeh:2017:HPG


Papadopoulos:2003:NRT


Phuong:2015:DSE


Plaza:2008:PPR

Antonio J. Plaza. Parallel processing of remotely sensed hyperspectral imagery: full-pixel versus mixed-pixel classification. *Concurrency and Computation: Practice and Ex-


Marlon E. Pierce, Suresh Marru, Lahiru Gunathilake, Don Kushan Wijeratne, Raminder Singh, Chathuri Wimalasena, Shameera Ratnayaka, and Sudhakar Pamidighantam. Apache

[C] Parashar:2005:EIC


[C] Potanin:2004:COC


[C] Parker:2010:PGR


[C] Pascal:2017:CPN


[C] Peternier:2014:HPE


REFERENCES


Pereira:2015:PSP


Punceva:2015:IRS


Puliafito:2001:WPS


Palopoli:2016:DMT


Pascual:2009:CMO

REFERENCES

Pyka:2014:RTC


Pineau:2011:EAS


Pechtchanski:2005:ISA


Pozniansky:2007:MEF


Paszynski:2010:GGD


Porto:2013:EDM


Pantelimon George Popescu, Emil-Ioan Slușanschi, Voichița Iancu, and Florin Pop. A new upper bound for Shannon en-

Puiggali:2013:DBS


Pakin:2016:PUP


Paravati:2011:OSA


Pang:2003:PSR


Petrou:2011:OPP

[PSM+11] Savvas Petrou, Terence M. Sloan, Muriel Mewissen, Thorsten Forster, Michal Piotrowski, Bartosz Dobrzelecki, Peter

Pallipuram:2014:RBP


Pinto:2018:VPA


Pour:2011:MBD


Polze:2012:TCO


Paventhan:2007:MNW

Peraza:2016:PGQ


Puffitsch:2013:SIP


Puntigam:2001:STC


Peinado:2004:PBA


Prakash:2015:MAT


**Peng:2018:OET**


**Peng:2010:PSC**


**Pei:2016:RMF**


**Pei:2017:DRG**


**Parastatidis:2005:WGF**

REFERENCES

April 2005. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


Peng:2015:DNL

Pan:2018:EAR

Peng:2008:TEW

Peng:2010:TEW

Qiu:2012:PWM

Qu:2017:MIS
REFERENCES

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


Qi:2017:FVS


Qi:2011:ECM


Qi:2011:QAE


Qi:2006:MCF

Zhengwei Qi, Minglu Li, Cheng Fu, Dongyu Shi, and Jinyuan You. Membrane Calculus: a formal method for Grid trans-


REFERENCES

Quinlan:2004:POO


Qiao:2017:FAD


Qian:2018:FRA


Quan:2017:DEP


Qin:2016:VLK


Qiang:2017:DFA


REFERENCES


REFERENCES


Rosciszewski:2016:KNW


Roschke:2012:ACP


Rojek:2015:AFM


Ruiz:2003:FSB


Ren:2009:BQS

Rotaru:2010:SOM


Radestock:2003:CCM


Reeve:2001:PVD


Rattanatamrong:2015:IRT


Rosenberg:2017:BSC


Rai:2018:VCE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Rong:2013:EED


Reguly:2016:VUM


Rozar:2015:TMS


Riedel:2009:IWW


REFERENCES


Riveni:2019:APS


Ramesh:2017:MFM


Roper:2012:ASTa


Roper:2012:ASTb


Ren:2007:SOA


Rojek:2019:MLM

Rais:2018:QIS


Rossi:2006:XFD


Rabl:2008:DAS


Rocha:2017:TAT


Rose:2001:JAP


REFERENCES


[RSC+15] Carlos Reaño, Federico Silla, Adrián Castelló, Antonio J. Peña, Rafael Mayo, Enrique S. Quintana-Ortí, and José Duato. Improving the user experience of the rCUDA remote

**Reeve:2001:PVS**


**Rodriguez-Sanchez:2012:OHA**


**Ravaei:2017:TCD**


**Roblitz:2006:RRF**


**Rasmussen:2006:BLG**

[RSSM06] C. E. Rasmussen, M. J. Sottile, S. S. Shende, and A. D. Malony. Bridging the language gap in scientific computing:


[Ruan:2015:DEW]

[Rundle:2010:PAS]

[Rajan:2012:ADA]

[Ramirez-Velarde:2010:CCH]

[Rodriguez-Vazquez:2017:PSS]


REFERENCES


Bruno Schulze, David Abramson, Radha Nandkumar, and Rajkumar Buyya. Special issue: Middleware for Grid Com-

**Sarbazi-Azad:2004:TMR**


**Soldado:2016:ECM**


**Sfaxi:2013:IFC**


**Srivastava:2017:RRA**


**Sirbu:2018:DDA**

Sinnott:2015:AUR


Schmidt:2007:COA


Serrano:2015:CSX


Silva:2015:MAL


Shahand:2015:DCN

REFERENCES


[Sch02] Andreas Schreiber. The integrated simulation environment TENT. *Concurrency and Computation: Practice and Experi-
REFERENCES


REFERENCES


REFERENCES


Syed:2007:SSD  

Sapegin:2017:EMS  

Souza:2017:PEE  

Sarkar:2018:TND  

Schuchardt:2008:ACM  

Simão:2012:CER  
Shah:2015:EER


Sodsong:2016:DPB


Severance:2007:USC


Stanberry:2014:VPS


Sui:2014:DOS

Shao:2013:EER


Schoeberl:2011:ISI


Schenck:2017:CPH


Singh:2007:PPA


Singh:2010:DVP


Seo:2002:HJE

REFERENCES

Silla:2017:BRG


Sangat:2018:SDM


Salehi:2014:RPB


Santander-Jimenez:2017:APP


Sodsong:2017:JPE

Santander-Jimenez:2015:HAP


Saxena:2018:QCA


Seinstra:2004:UTF


Santos:2008:SDM


Sancho:2009:OMC


Sharma:2017:CFN

REFERENCES

Stavrinides:2018:ICI


Spampinato:2014:DBK


Son:2017:NOC


Skjellum:2004:RTM


Skocir:2017:EET

REFERENCES

tice and Experience, 29(23):??, December 10, 2017. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

Schonberger:2001:ASM


Schloegel:2002:PSD


Smith:2009:HBP


Sondergaard:2017:CTD


Scheidegger:2008:TPC

[SKS+08] Carlos Scheidegger, David Koop, Emanuele Santos, Huy Vo, Steven Callahan, Juliana Freire, and Cláudio Silva. Tackling the Provenance Challenge one layer at a time. Concurrency


[SLC19] Chuan Sun, Wei Liu, Duanfeng Chu, Wushuang Li, Zhenji Lu, and Jianyu Wang. A novel method of symbolic repres-

Seelam:2012:EBS


Servat:2016:DSP


Stamatakis:2004:APF


Stamatakis:2005:RIP


Stewart:2010:IPS

Craig A. Stewart, Matthew Link, D. Scott McCaulay, Greg Rodgers, George Turner, David Hancock, Peng Wang, Faisal Saied, Marlon Pierce, Ross Aiken, Matthias S. Mueller, Matthias Jurenz, Matthias Lieber, Jenett Tillotson, and
REFERENCES


[SMH+19] Nader Sohrabi Safa, Carsten Maple, Mahboobeh Haghparast, Tim Watson, and Mehrdad Dianati. An opportunistic re-


[SN16] D. Strnad and A. Nerat. Parallel construction of classification trees on a GPU. *Concurrency and Computation: Practice
Sheikholeslami:2018:ABR


Sim:2001:EUC


Sanyal:2014:CBE


Subhlok:2018:RPC


Sagharichian:2015:ENC

REFERENCES


Sengupta:2015:AES


Smari:2015:ECC


Soner:2016:NAB


Sodan:2005:LCC


Sodemann:2007:SGD

Sood:2016:FPB


Sorensen:2013:ATL


Sakthithasan:2016:CRC


Sirvent:2006:AGW


Simmhan:2008:QCK


Seal:2013:SSM

REFERENCES

Shin:2014:DTA


Silvestri:2006:TSA


Sanchez:2011:PUR


Souza:2017:CBB


Schuchardt:2007:PBK


Schulze:2013:ELT


Schutt:2013:MSM


Schneible:2015:CEW


Su:2015:ASI


Sajid:2016:EES


Stokes-Rees:2007:DLG

Strohmaier:2007:AMP


Seshadri:2015:PGC


Sonntag:2015:EFM


Szalkowski:2015:UDM


Sandhu:2017:SGN


Subramanian:2017:SOS

[SS17b] Sabitha Malli Subramanian and Vijayalakshmi Soundarajan. SC-OCR: similarity-based clustering and optimum cache re-


REFERENCES

Sibai:2011:PPC

Simmler:2004:RTP

Soriano-Salvador:2015:OSN

Soomro:2018:BTB

Sundriyal:2013:AEE

Souza:2014:STM
Stanisic:2015:FPP


Sawabe:2017:EQS


Strnad:2011:PTV


Simsiri:2018:WEP


Stilkerich:2012:TMJ

Tu:2016:FGA

Sanjay:2009:SST

Shahand:2015:RSG

Sundari:2012:LIA

Souza:2008:STC

Soewito:2009:CWM


Erich Schikuta, Helmut Wanek, and Irfan Ul Haq. Grid workflow optimization regarding dynamically changing resources

**Stojmenovic:2016:OFC**


**Skjellum:2001:OOA**


**Shao:2017:RRT**


**Smullen:2017:LSP**


**Shah:2018:PAB**


**Song:2016:IBS**


**Sun:2012:IAH**


**Su:2018:UBI**


**Sohrabi:2017:EEA**


**Shi:2011:CPS**


REFERENCES

Talwar:2006:RAR

Tsuneizumi:2011:SGC

Theodorou:2016:QME

Tajiki:2019:SBR

Tang:2012:MOI

Tang:2015:HAC

Tracy:2012:APL


Turek:2018:SIP


Thiyagalingam:2006:MLC


Tudruj:2015:PFD


Touhafi:2018:CCB


REFERENCES


REFERENCES


Tilak:2011:MTM


Thomas:2007:SIW


Tan:2017:SSI


Tan:2017:SLP


Tang:2017:RDS


Thoman:2014:CMA

REFERENCES

Totok:2010:OUR

Theobald:2002:IEC

Talukder:2009:MDE

Toosi:2016:SSI

Taha:2013:EFS
REFERENCES

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


[Thevenoux:2017:ASS] Laurent Thévenoux, Philippe Langlois, and Matthieu Martel. Automatic source-to-source error compensation of floating-
point programs: code synthesis to optimize accuracy and
time. *Concurrency and Computation: Practice and Expe-
rience*, 29(7):??, April 10, 2017. CODEN CCPEBO. ISSN
1532-0626 (print), 1532-0634 (electronic).

**Tian:2018:TAN**

Tagging augmented neural topic model for semantic sparse
Web service discovery. *Concurrency and Computation: Prac-
tice and Experience*, 30(16):??, August 25, 2018. CO-
DEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (elec-
abs/10.1002/cpe.4448.

**Tian:2014:SEM**

Spreading evidence models for trust propagation and aggre-
gation in peer-to-peer networks. *Concurrency and Compu-
CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (elec-
tronic).

**Tang:2017:PMC**

[TLX+17] Zhuo Tang, Kunkun Liu, Jinbo Xiao, Li Yang, and Zheng
Xiao. A parallel $k$-means clustering algorithm based on re-
dundance elimination and extreme points optimization em-
ploying MapReduce. *Concurrency and Computation: Prac-
tice and Experience*, 29(20):??, October 25, 2017. CODEN
CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).

**Tari:2001:SID**

[TM01] Zahir Tari and Robert Meersman. Special issue: Dis-
tributed Objects and Applications ’99. *Concurrency and Compu-
CODEN CCPEBO. ISSN 1532-0626 (print),
wiley.com/cgi-bin/abstract/83002171/START; http:
//www3.interscience.wiley.com/cgi-bin/fulltext?ID=
83002171&PLACEBO=IE.pdf.

**Tremblay:2003:IEP**

Implementation of the EARTH programming model on SMP


REFERENCES


**Tripathi:2017:IAN**


**Tang:2014:PAB**


**Tiampo:2002:PLS**


**Trunfio:2015:TLM**


**Tirumalai:2007:UPH**


Thomas:2005:PPF


Taboada:2011:DLC


Thain:2005:DCP


Thain:2006:HML


Thulasiram:2016:NIS


Toya:2010:PIA

Y. Toya, K. F. Tiampo, J. B. Rundle, Chien chih Chen, Hsien-Chi Li, and W. Klein. Pattern informatics approach
REFERENCES

Talia:2008:WFD


Turner:2004:SID


Tiwari:2014:OEI


Tellez-Velazquez:2018:CSI


Tlais:2007:DCM

Touati:2013:SIP


Tian:2007:PAI


Taylor:2005:DCT


Tian:2016:CTN


Tao:2017:RAG


Tian:2015:MTB


Taheri:2016:GAF


Tian:2012:PBA


Tang:2015:CSQ


Tang:2013:FSS


Unat:2018:SIH


Ungrangsi:2009:SOR

REFERENCES


**vanAmesfoort:2012:PAC**  

**Varisteas:2016:PAL**  

**Venugopal:2006:GSB**  

**Venticinque:2016:EID**  

**Verdu:2016:DWW**  
REFERENCES


REFERENCES


Willem van Heiningen, Steve MacDonald, and Tim Brecht. Babylon: middleware for distributed, parallel, and mobile


[Vivien:2003:OFS]


[Veldema:2005:OCN]


[Valvaag:2013:CHP]


[Vitek:2012:ISI]


[Vishnu:2009:TAH]

[Abhinav Vishnu, Matthew Koop, Adam Moody, Amith Mamidala, Sundee Naravula, and Dhabaleswar K. Panda.}


vanStokkum:2006:PSE


Vitello:2015:MAD


Vondra:2017:MCA


Vashisht:2017:SRC


Vidal:2009:ASG


Varbanescu:2009:EAM

Ana Lucia Varbanescu, Henk Sips, Kenneth A. Ross, Qiang Liu, Apostol (Paul) Natsev, John R. Smith, and Lurng-Kuo Liu. Evaluating application mapping scenarios on the Cell/
Varadharajan:2015:SWM


Voulgaris:2007:PGB


vanWaveren:2002:CGH


VanAalsburg:2010:IED


Wang:2012:SIT


[Wang:2018:DDI]

[Wang:2018:TDF]

[WAS07]

[WBB+07]

[WBC+02]

[WBC+17]

**Williams:2003:MWI**


**Wang:2008:SOA**


**Welch:2010:ABS**


**Wang:2016:FPS**


**Wang:2010:TLC**

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


Watanabe:2018:SEE


Wei:2015:CAM


Wang:2018:RTS


Wang:2017:ASA


Wang:2017:ISV


Wang:2018:TLA

[WFKS18] Baokang Wang, Yuki Fukazawa, Toshio Kondo, and Takahiro Sasaki. Tile/line access cache memory based on a multi-


REFERENCES


REFERENCES

Wan:2016:ECG


Wang:2018:SDF


Wang:2017:VNE


Wang:2016:TCC


Willcock:2005:UMC


Wang:2011:AFG


Xu An Wang, Yudong Liu, Jindan Zhang, Xiaoyuan Yang, and Minqing Zhang. Improved group-oriented proofs of cloud


Withana:2012:SUR


Wang:2018:GFB


Wang:2016:LBL


Wang:2017:EFS


Wang:2009:TBR


Wu:2013:DBD

Guangen Wu, Pinyi Ren, Qinghe Du, and Chao Zhang. A DOF-based dynamic spectrum auction algorithm in cognitive


REFERENCES

614

Wood:2008:SIL


Wilke:2011:ERP


Wang:2015:GWA


Wang:2017:MSD


Wu:2017:DSA

Wang:2018:ECG


Wagner:2012:BTA


Wu:2019:PFB


Wang:2010:AAS


Wang:2007:PPR


Wang:2016:POD

Hua Wang, Xun Yi, Elisa Bertino, and Lili Sun. Protecting outsourced data in cloud computing through access management. *Concurrency and Computation: Practice and Expe-


REFERENCES


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


[XBW+15] Mande Xie, Urmila Bhanja, Guiyi Wei, Yun Ling, Mohammad Mehed Hassan, and Atif Alamri. SecNRCC: a loss-


REFERENCES


[Xha18] Fatos Xhafa. Editorial: Special issue on advanced techniques for cloud data storage and collaborative systems. *Con-
REFERENCES

**Xing:2015:OIB**


**Xi:2012:MDA**


**Xiang:2012:ANS**


**Xiao:2018:IPT**


**Xu:2013:SIP**

Xu:2017:PPL


Xing:2017:CMO


Xue:2012:DRD


Xu:2015:PPD


Xue:2018:FTF


Xu:2014:MSD

[XLMH14] Zheng Xu, Xiangfeng Luo, Lin Mei, and Chuaping Hu. Measuring the semantic discrimination capability of association

**Xu:2018:EVC**


**Xiao:2017:SAM**


**Xiang:2011:SIS**


**Xu:2016:TIE**


**Xie:2017:STD**


REFERENCES


[XTB17] Minxian Xu, Wenhong Tian, and Rajkumar Buyya. A survey on load balancing algorithms for virtual machines placement

[Xu:2008:FGS]


[Xiang:2010:MCM]


[Xu:2008:SIS]


[Xie:2013:SIP]


[Xia:2012:NMS]


[Xia:2008:QMA]

Yunni Xia, Hanpin Wang, Wangsen Feng, and Yu Huang. QoS modeling and analysis of component-based software sys-


Xue:2016:ESM


Xu:2017:OIA


Xiao:2016:USC


Xie:2018:DAH


Xu:2017:ESI


Xu:2018:ISR

[XYSW18] Mengxi Xu, Yun Yang, Quansen Sun, and Xiaobin Wu. Image super-resolution reconstruction based on adaptive sparse representation. *Concurrency and Computation: Practice and


[YCL11] Chao-Tung Yang, Keng-Yi Chou, and Kuan-Chou Lai. Design and implementation of an adaptive job allocation strat-


REFERENCES

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

Yan:2018:ISS

Yang:2014:IPE

Yang:2005:UOM

Yan:2017:CSI

Yu:2013:QMB

Yang:2016:IHA
Xu Yang, Xinyi Huang, Jinguang Han, and Chunhua Su. Improved handover authentication and key pre-distribution


REFERENCES


Yu:2013:SIP


Yu:2018:CLC


Yang:2018:DNN


Yang:2009:TLO


Yang:2013:SIPb

Yang:2018:IOP


Yoon:2004:SMM


Yao:2018:NSS


Yu:2016:ERA


Yu:2016:SSD


Yu:2016:POS

Ting Yu, Julian Oppermann, Chris Bradley, and Oliver Sinnern. Performance optimisation strategies for automatically


[YS07] Viktor Yarmolenko and Rizos Sakellariou. Towards increased expressiveness in service level agreements. *Concurrency and
REFERENCES


[Yang:2017:QAI]

[Yan:2015:DWS]

[YSWZ17]

[Yangui:2015:SAD]

[Yelmewad:2019:PIH]

[Yamazaki:2017:NGR]
Yang:2001:UKB


Yang:2019:REA


Yu:2018:CSB


Yang:2007:IWS


Yang:2011:PBP


[YYL+12] Dong Yuan, Yun Yang, Xiao Liu, Gaofeng Zhang, and Jinjun Chen. A data dependency based strategy for intermediate data storage in scientific cloud workflow systems. *Con-


[ZBC+07] Shujia Zhou, V. Balaji, Carlos Cruz, Arlindo da Silva, Chris Hill, Erik Kluzek, Shep Smithline, Atanas Trayanov, and
REFERENCES


Zbakh:2017:ECC


Zbakh:2018:CCB


Zaia:2006:UGP


Zhao:2007:UVM


Zeljkovic:2015:EOD

REFERENCES


[ZCL14] Zhuoyao Zhang, Ludmila Cherkasova, and Boon Thau Loo. Parameterizable benchmarking framework for designing a


REFERENCES


Zhi-Gang:2010:STP


Zhang:2017:DSD


Zhao:2008:MTS


Gao:2009:HCE


Zhu:2011:SED


Zhang:2008:RFS

[ZH08] Jiaying Zhang and Peter Honeyman. A replicated file system for Grid computing. Concurrency and Computation: Prac-
REFERENCES


[Zheng:2015:ADC]

[ZH15]

[ZH16]

[Zhao:2008:SIR]

[Zha08]

[ZHC+18]

[ZHC+18]

[Zhe16]

[Zhe16]

[ZHGX16]
Wei Zhou, Jizhong Han, Yun Gao, and Zhiyong Xu. An efficient graph data processing system for large-scale social network service applications. Concurrency and Computation:
REFERENCES


Zhang:2019:TDS


Zhao:2017:MAF


Zhou:2006:CCM


Zhang:2008:ATP


Zhuge:2007:ASL


Zhuge:2015:ESK

Zhu:2018:CPS


Zhou:2016:PFI


Zhou:2013:SIP


Zicari:2012:MWC


Zahavi:2010:OIF


Zhang:2013:EER

Jianhua Zhang, Yun Jiang, and Xiaofan Li. Energy-efficient resource allocation in multiuser relay-based OFDMA net-


Zhu:2015:ACM


Zhang:2017:KDC


Zhang:2015:CSI


Zhong:2017:MMG


ZhuanSun:2017:MRA


Zahn:2019:LWS

REFERENCES


Zhao:2017:PAA


Zhao:2013:SLB


Zhou:2010:VSH


Zhang:2018:PLF


Zhang:2011:SMA


Zhang:2016:PMR

March 25, 2016. CODEN CCPEBO. ISSN 1532-0626 (print), 1532-0634 (electronic).


[ZQD+17] Haihui Zhao, Yaoguang Qi, Hongwei Du, Ningning Wang, Guofu Zhang, Wenbao Liu, and Hailong Lu. Running state of the high energy consuming equipment and energy saving


Zhang:2001:HJA


Zhang:2017:NEP


Zhuge:2019:SKG


Zechar:2010:CSE


Zhang:2015:EMS

Zheng:2018:RAD


Zhan:2018:UTL


Zhang:2014:EFP


Zhang:2015:TDC


Zhang:2009:DPS


Zou:2017:ASM

REFERENCES

Zhang:2012:RTH

Zhang:2018:RTB

Zeng:2009:EBI

Zhao:2017:SSA

Zhao:2006:VDG

Zhou:2017:NFA
Ao Zhou, Shangguang Wang, Ching-Hsien Hsu, Myung Ho Kim, and Kok seng Wong. Network failure-aware redundant


Zhang:2018:EET


Zhu:2014:IMR


Zheng:2018:LBT


Zhao:2019:EMD


Zhang:2018:BWM

REFERENCES


Yanmin Zhu, Lijuan Xiao, Zhiwei Xu, and Lionel M. Ni. Incentive-based scheduling in Grid computing. *Concurrency
Zhang:2012:EEL


Zhou:2009:SIE


Zhou:2012:SIE


Zhuge:2008:MLT


Zhang:2010:RBL

REFERENCES


REFERENCES


[Zhu:2017:PGB]


[Zhu:2017:PSP]


[Zhu:2018:CAC]


[Zhao:2015:MRM]


[Zhang:2010:SFE]