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(k) [HRR08a]. (ν) [Kam87]. ($r_\infty, n_{1/2}, s_{1/2}$) [Hoc85b]. ($r_\infty, n_{1/2}$) [Tem89]. 0 [LLW⁺15]. 0/1 [CJ92, MS99b]. 1 [LLW⁺15, Tak03, Ume01, YL86]. 2 [AW13, BSE88, BAS13, Cap88, DZD01, EY86, Lee97, Mar92, MM96b, RVGG01, SA16, TT00, WSR14, YL86]. 2, 576, 980, 370, 000 [Tak10]. $2k$ [DT95]. 3 [AA24, AAS13, AW13, BFG⁺07, BCMG⁺07, Bri95, BAS13, CYDJ21, CDM06, CM95, Chr98, EGTD99, ER95b, EK98, FMS⁺06, GV01, GJS93a, HKL01, HSS07, HB84, JHD⁺22, KT97, KTN⁺14, KD13, KYLH01, Lee97, Lip99b, LCLL00, LPMD01, MW94, MDC⁺08, OCE⁺07, RVGG01, SHPA05, SSS99, SC19, TKG97, TA14, VvBv90, Wan09, WTLW23, YE94, YR18, ZLM98]. 4 [ER95b]. + [Lin94]. ² [CDZ⁺21]. ³

[MMP⁺21, PB11]. // [C⁺01a]. c [KSM⁺94]. A [AND05]. $\alpha_{critical}$ [MOW95]. $AX + XB = C$ [EG94a]. C [WCC⁺22, BCYB11]. d [Tro00]. $d - D$ [BDK98]. D^3 [Evr01]. E^2 [KKŽ05]. E^3 [KKŽ05]. ℓ_1 [BE93c]. ϵ [BG97]. $f_{1/2}$ [HC89]. g [MS89]. I [CC98]. ijk [Ort88, OR88]. k [AA24, BY21, BDSd94, Bro88a, CCP98, Kon02, LS97, LS92, PER17, She92, TT00, YTCS95]. kd [WTLW23]. $L_1(L_\infty)$ [Jeo91b]. L_i [RSSH94]. LU [BETR17, CHQORS18b, TOO20, DHW97, BFR93]. m [CGMM99, Zho93]. μ [SM13]. N [Gor97, LBWR90, Lip99b, Bro88a, CCP98, GS04, GKS98, HWYL89, YTCS95, SSB⁺91]. $O(1)$ [Wan09]. $O(2^{n/2})$ [Che08]. P [EW93, GLMBMPMV03, Koç97]. π [Tak18, Tak10]. QR [AD14, AHW14, BTLK18, CTW14, KKW14, TOO20, AB95, BHM⁺95, CG89b, GK92, Hen93, KC93b, Mat95, OW90, OHZ98,

SOH94, Ste87, SNO99, WE94, Wri91, Zhu93].
s [CG89a, CS96]. *S_n* [ARW93]. \sqrt{N}
 [HK90b]. τ [RGDM15]. *WZ* [YE95, KS87].

-adic [Koc97]. **-algorithm** [Ste87]. **-ary**
 [Bro88a, CCP98, TT00, YTCS95]. **-bit**
 [Ume01]. **-body** [GKS98, LBWR90, Lip99b].
-Cholesky [TOO20]. **-communication**
 [MS99b]. **-Cube** [GS04, Bro88a, HWYL89].
-cubes [CCP98, YTCS95]. **-cyclic** [EW93].
-D
 [Cap88, EK98, SSS99, Tak03, BSE88, Bri95,
 CDM06, DZD01, HSS07, HB84, KTN⁺14,
 LCLL00, MW94, MM96b, YL86, ZLM98].
-decomposition [AHW14]. **-dimensional**
 [LS92]. **-factorisation** [KS87].
-factorization [OHZ98]. **-graphs** [Gor97].
-inversion [MS89]. **-Lattice** [GAW96].
-Lop [RGDM15, WCC⁺22]. **-Machine**
 [Evr01]. **-means** [BY21, BCYB11]. **-median**
 [GLMBMPMV03]. **-meshes** [Tro00].
-nearest [AA24]. **-order** [AND05].
-parallel [Kat03]. **-processor** [BDSd94].
-relaxation [BG97]. **-selection** [She92].
-SMP [PB11]. **-square** [TT00]. **-step**
 [CG89a, CS96, CGMM99]. **-steps** [Mar92].
-towards [SSL03]. **-tree** [WTLW23]. **-way**
 [EY86, PER17, Zho93].

/hypersonic [SOS97].

0 [TYKA95]. **'02** [AGPS03].

1 [ADE84, BNK15, RSRM96, Tem88, Tem89,
 WSL88]. **10** [LLVM21a, MRJ89]. **10-P**
 [MRJ89]. **100/200** [TKI85]. **100k** [SC19].
164 [Hoc89]. **1991** [BH92]. **1M** [HL88].

2
 [BHM94, BRH90, But92, CYXL18, DCG90,
 DD87, FSY88, Hoc94, KN88, MSS⁺05].
2-CPU [Hoc85b]. **2.0** [LC17, LT09].
2.0para [LT09]. **200** [HL88, TKI85]. **2000**
 [NU05]. **2006** [MTW07]. **2007** [KB08]. **2012**
 [SN14]. **2016**
 [AGV⁺17, Ano18k, DLO17, MSS19, VBC19].
2017
 [FYH⁺18, GT19, LCE⁺18, LLX⁺18, LHL18].
2019 [Ano19a, Ano19l, TH20]. **2020**
 [Ano20a, Ano20b, Ano20c, Ano20l, Ano20m,
 Ano20n, Ano20o, Ano20p, Ano21n, Ano22m].
2021 [Ano21a, Ano21b, Ano21o, Ano21l,
 Ano21m, Ano21p, Ano21q, Ano21r]. **2022**
 [Ano22a, Ano22h, Ano22i, Ano22j, Ano22k].
2023 [Ano23e, Ano23f, Ano23g, Ano23i].
2024 [Ano24d, Ano24e, Ano24f]. **205**
 [LN87, Riz85, Won88]. **25-processor**
 [FBMV88]. **256** [BBDN21]. **26th** [Ano16k].
2D [HM97, MKK03, DT95, GJS93b, LSS88,
 RSSS94]. **2nd** [Ano88a]. **2S** [SV94].

3 [FCS⁺19, HCH⁺96]. **3090**
 [Car88a, CK90, GSZ88]. **3090/VF** [CK90].
3090E [Web90].

4 [NU05, OKSY92, SKY93, SKS⁺95]. **4.0**
 [BPJ22, DWS⁺21]. **4.5** [DFP⁺19]. **40**
 [WSL88]. **48** [Meu87, Nag88].

5 [BL94a, SNS⁺97, TM94]. **500** [Heg96]. **5E**
 [BEK95b].

6000 [AL93b, NMW93]. **6240** [KW90].
6400 [Dun91]. **65064a** [HE88].

76 [HL88]. **77** [Sne88].

8 [WSL88]. **860** [Dun91, GKV94, HC92a].
88j [HE88]. **8th** [ABH18].

90 [CCL04]. **9076** [Bri95]. **93** [Ano94].

AADL [DD89]. **ab-initio** [SKE⁺22].
ABCLib_DRSSSED [KKHY06a].
ABCLibScript [KKHY06b]. **Abstractions**
 [KSRK24, CCS03]. **accelerate** [LXD⁺23].
Accelerated [LHZ⁺20, ADF93, BBB⁺22,
 BGWR21, BWV⁺17, CYDJ21, DN16,

FKM⁺²², JNWJ18, JNC⁺¹⁹, MKJC21a, MKJC21b, MAA⁺²¹, NDN20, PTGF20, SRK⁺²¹, SSV⁺¹⁶, ŠDJ⁺²², TDB10, TLC23, ZAA⁺²¹, CTZ⁺¹⁸]. **accelerates** [HBC19]. **Accelerating** [ADEQO19, CZJS12, CFW⁺²², GTD18, GB14, PVBR23, RSD16, SGP22, TND10, XLS⁺¹⁷, DBI⁺¹⁷]. **Acceleration** [SWW99, YMJT10, BOV09, CR23, DZLK20, GPW⁺⁰⁸, KS16, LPNV20, LTS⁺²⁴, OYS08, WWZ⁺¹⁸, XLY⁺²⁰]. **accelerator** [BNS⁺⁰⁷, HHGA15, LXL⁺²², NSF⁺²², WYBdJ⁺²¹, YLW⁺¹³]. **accelerator-based** [BNS⁺⁰⁷]. **accelerators** [ABB⁺¹⁶, cFM07, KP12, Luc01, WSR14]. **access** [BDS88, CZJS12, CDK⁺⁰³, EHHS89, FD18, Sch91b, SLH⁺¹⁸, YZWcF14]. **accesses** [BS96, TGL02]. **accidents** [TAB⁺¹⁹]. **accounting** [YX07]. **Accuracy** [MAM⁺⁰⁹, AÖ22, Coo19, DW00, Sun95, Zha91]. **Accurate** [AFD13, WCC⁺²², Moo04, YORO08, ZEC⁺¹⁷]. **AcHEe** [KKK⁺¹⁸]. **achievable** [HMS⁺¹⁹]. **achieve** [SHN12]. **achieved** [NHS⁺⁹⁵]. **achievements** [Gil94a]. **Achieving** [Taf01, WYBdJ⁺²¹, CHLO85, NW96]. **Acknowledgement** [Ano08, Ano09a, Ano18]. **Acknowledgment** [Ano10a, Ano23h]. **ACM** [Ano15a]. **across** [MD04]. **action** [WL13a]. **Active** [AKSS07, AGL08, CB17, CC00c, HK98, PCN10, WS98, TM94]. **actor** [SSBT19]. **actual** [LAS90]. **Ad** [MFGEL17, CWK09, SSS⁺⁰⁵]. **Ad-hoc** [MFGEL17]. **Ada** [BKL⁺¹⁹, CCS87]. **adaptable** [PAD02]. **adaptation** [OBG00, WRS12]. **Adapting** [ADPV03, CS89a, KLP11, MRSB94]. **Adaptive** [AKK99, CZJS12, CTW14, CD00, GP96, HM97, Las02, LFL11, MSE07, MB00, NC97, PSS01, RE98, RC15, YTCS95, ADK22, BN01, BCCS07, BE88, BLCR21a, BLCR21b, Bur90, CS89c, DLM97, DLR94, DR95, DPSW00, DG05, GCH21, GV06, GZ99, HM89a, HSC12, HAK⁺²¹, HM86, IDS16, Kd88, KU93, LLP00, LDK16, LR16, LOKM99, MQ89, MT00, MC09, Mic90, OIK21, QCC02, SM13, SFB⁺⁹⁷, THG98, TMCC02, TGE92, TCL92, THK14, TSJB00, WZS⁺¹⁴, WY11, XCR17, MD04]. **Adaptively** [YLT⁺²³]. **adaptivity** [BFVRC14]. **addition** [VTmL03]. **Additive** [AO89, EG94a, LG09, PHD16]. **Address** [NZHY11, MS20, PEO16, SVC07, SSOB03, Vio04]. **Addressing** [RG92, YHL⁺²⁴, Pan01]. **ADI** [AIIV98, RSK99, Wak04]. **adic** [Koc97]. **adjoint** [TW19]. **adjust** [BP97]. **Adjusting** [SWR⁺¹³, WC94]. **adjustment** [da 90]. **Admission** [GE11]. **Adoptability** [SC92]. **Advanced** [DDdS02, DDdSL02, HHGA15, KBGZ88, DSCP88, SXBD97]. **Advances** [MS23, NLG99, AC00]. **aerodynamic** [ND17]. **aerodynamics** [AKK16]. **aerospace** [Man01a, MZ01, ND17]. **AES** [FLYL16, FLYL21]. **affine** [BBC⁺¹¹, BPK12, DR96, LL98]. **affinity** [CJLS14]. **after** [KC93b]. **AGE** [EC91, Eva91]. **Agent** [SA18, Y⁺⁰², CD98, MCB05]. **agent-based** [CD98, MCB05]. **agents** [BGP⁺⁹⁷, LWG06]. **Aggregate** [LEH14]. **aggregation** [Beb97, CGH⁺¹⁹, SHN12]. **aggregation/disaggregation** [Beb97]. **aging** [BBDN21]. **agreement** [CC93]. **ahead** [CHQORS18b, TRSC⁺¹⁹]. **aid** [BDS88]. **aided** [IJCL96]. **AIOC** [CDZ⁺²¹]. **air** [BWZ95, DM97, OZ02, Zla88, LPNV20]. **aircraft** [A^{+01b}, Ger94]. **airplane** [SYAU07]. **Aitken** [Eva89, LG09, MBC92]. **Aitken-additive** [LG09]. **ALC** [YA24]. **ALC-PSO** [YA24]. **algebra** [BLRR02, BLKD09, CHQORS18a, CWB92, CIO⁺¹⁷, CGG04, DGP⁺¹⁶, EL95, ES06, HH89, LN87, NE01, ORM⁺¹⁰, PWM00, RS88, TKC⁺¹⁴, TDB10]. **Algebraic** [CMP92, AB16, BR90, BBQOQO00, DQRR00, KS01, MW88, PHD16, Slo91]. **Algorithm**

[CZJS12, ER18, MWH95, Sen91, YFK03, Ale94, Als01, ARW93, AM93, AB95, AT98, AL88, Aub11, BSH88, BBB⁺14, BAMK07, BFY06, BKS06, BE93a, Bar97, BW92, Bas94, BOV02, BO03, BOVG10, BE87, BY21, BT99, BEK⁺11, BE88, BDK95, BC91, BWW89, BF06, Blo03, BSD11, BE93c, BL93a, Bon91, BGM03, BCYB11, Bur04, CDRV97, CGG01, Cha99, CF93, CCS94, CC02b, CC02a, Che08, CJ92, CC95, CLSM98, CST02, CH92, CG92, CSW01, CFH89, DVP90, De 95, DEH⁺11, Don05, DUG⁺06, DZD01, EK92, EHE92, ES89a, EMV⁺18, EPMPU02, EY86, EB88, Eva90, ED91, EY94, FLW86, FF21, Far96, FHL87, FLYL21, FJPA17, FIMF99, GKT⁺15, GS89, GWLS05, GZHX17, GCH21, GLG06, GV14, Gir02, GMMT16, GKAS91, GÁVRRL18, GH98, GT90, GM89, GM03, GE93, HJ05, HMTX93]. **algorithm** [Han98, HJ97b, HP94, HS89, HT94, HM89c, HSSM17, HHH92, HC94, HB99, HP91, HM97, HGM20, Hur93, Hwa04, HSN89, IB01, IOH05, IT08, JLY18, Jeo91a, Jou89, KGS08, Kal92, Kan97, KK03, Ken99, KJA15, KL90a, KY94, KB20, KTN⁺14, KJA05, KN09, KCN99, KŠR04a, KŠR04b, Kra84, KKSS90, KS91b, KP93, KK94, KKB92, KSS06, Lec89, LSA⁺95, LE91, LM00, LMG09, LW11, LLW⁺15, LLD19, LHG⁺23, LO92, LW15, LC97, MS98, MG95, ME84, ME93b, MM00, MP11, MMT07, MMS90, Miš98, MHH97, MR85, Möl99, Moo04, MSB91, MKC92, MA22, NSH⁺21, NTHY22, NM01, Nat90, NW96, NOS92, NSS15, O'L87, ORM⁺10, OV06, OW91, OWZ91, ÖS94, OHZ98, OW97, PG93, Par91, PW84, PYLE21a, PYLE21b, PYZC11, Pin91, Pis92, PGBF⁺07, PS06, PKR00, QJ06, Ram07]. **algorithm** [RW96, RH99, RE92, RMACG10, SOH94, SMK91, SL03, SM91, SK87, She95, SKC90, SLY90, ST21, Shy90, SML⁺14, ST95, SGP22, Son94, SE93, SS87, Ste87, SMM90, SM88, Str08, SNO99, SW00, Sun95, SB92b, Tak03, TKK⁺05, TTO⁺22, TSCS14, Tem88, Ter13, TY91a, TCL92, TJJ93, TL94, VR95, VvBv90, VIHD90, WP88, Wak04, WWR05, Wan08, WZL09, Wan09, WL13b, WE92, WWT01, WLZ⁺23, WTLW23, WSR14, Yal97, YORO08, YA24, YLE95, YHZ21, ZM88a, Zer90, ZK92, ZMMW90, Zha91, ZHC⁺23, ZG16, ZG88, ZM88b, Zub90, dV94, dGR95, JTS⁺11, Ter10]. **Algorithm-level** [CZJS12]. **Algorithmic** [DA06, ME89, AFPG12, DL04]. **Algorithms** [AGPS03, ASSS11, AGKS15, AGKS16, BDG⁺10, BFR93, CGNR06, FC18, FYEHP89, HFL⁺10, KTAB⁺19, MAH⁺19, PMMAM10, Tap84a, ABB⁺21, AAGS18, AÖ22, ALNT04, AAB⁺06, AD14, Arb92, AJ89, AV15, AU88, AGGG06, AB16, BM08, BCVC05, BO91, BHK89, BS97, BEDdC16, BP95, BE93b, BGSS14, BAR98, BGMT00, BD18, BA95, BWL00, Bog92, BSB⁺22, BFVRC14, BTLK18, BDSV98, Bro89, BLKD09, CMT04a, Cal96, Car88a, ÇFG⁺12, CZ91, CDBL08, CJBK93, CCJ90, CC91, CL92, CL02, CDW95, C⁺01b, CGM⁺92, CR90, CKM93, DLM97, DDP90a, DDP90b, DY91, DN16, DM04, DQRR00, DSS86, DFH⁺13, DAD11, DR02, Eck90, Ekl04, EAR93, El 93, ESV10, ES88, ER95a, ER95b, EG92a, EM85, EM88, EA95, Fie96, FOH87, FJS85, FB91, GK03, Gen84, GV11, GJMM89, GAR15, GGL21, GAMR03, Gor97]. **algorithms** [GM07, GPS⁺08, GK04, HKSK97, HA05, HCJ03, HM89b, HW91, HI92, HCK94, Hot89, HWW92, HK90a, HK90b, HC92b, HK91, IR93, IKK15, JW09, JG93, JWS13, JCC⁺24, Jor86, KB85, KN88, KH95, Kd88, KKW14, K KU16, Kas85, KBBC88, Kat86, KLP11, KH92, Kim90, KC91, Kim98, Kon02, KST02, KU93, KKB93, LSS05, Lah00, LD99, LPM11, LAHM14, LNS03, LR04, LF89, LBWR90, LFL11, Lin91b, Lin01, Lip99b, MKS91, MR89, McB88b, MF16, MCG98, MNS87, MRSB94, MS90, MOF04, MRJ89, MGSK88, MWR95, Mun99, MB00, MO99,

NA08, NZ92, Num05, OW90, Obe85, OIK21, Ols95, OW94, PS89a, PCL23, Pet84, PVP08, PD11, PB94, Qui88, RR89, Reg01, Rib84, RV96, Rod85, RRS⁺00, Ron84, RS87, RR14, SN88, SS02, SSY02]. **algorithms** [San99, SST09, SMT⁺04, SB96, SAGV21, SB94b, SAWH88, Sha06, SKC90, SLG⁺22, SC92, Sim91, SPMB23, SPK18, SSN04, SE87, Sto89, Stp93, Str87, Swa84, SWC99, TS02, TTH95, TNZM20, TPK⁺13, TOO20, Thu92, TSJB00, TCT00, TCS04, Trä95, Trä18, TL96, TO89, Tyr90, VP95, VTmL03, VB92, VL05, WC00, WRB97, Wat00, Wen95, WC90, WSB90, Wri91, WS94, WWL⁺22, YK06, YK08, dCC89, tV96, ML00]. **algorithms-description** [CR90]. **alignment** [DEH⁺11, OGC⁺15, Ste13, TS09, ZHC⁺23]. **all-FPGA** [SDMS12]. **All-pairs** [SA13]. **all-reduce** [PGW16]. **all-row** [GYH94]. **Alleviation** [FTY⁺20]. **Allgather** [KTAB⁺19]. **Allgatherv** [KTAB⁺19]. **Alliant** [WSL88]. **allocation** [AL93a, BEDdC16, BCRSR11, CLZ01, DHL07, EEH⁺19, EG90, GRP22, GPC88, GV08, HM02, HMH⁺13, JSC97, KSP97, LLL10, NL98, SS94a, SSS⁺09, SYY⁺22, ZYZ⁺16]. **allocator** [IYV⁺22]. **allocators** [RDS13]. **allowing** [CRGR⁺13]. **allreduce** [JOL⁺21, RBB17]. **allscale** [JGT⁺20]. **almost** [PG91]. **alpha** [HSN89]. **alpha/beta** [HSN89]. **Alphaserver** [WBS06]. **Alternate** [HW94, DWX⁺12]. **alternating** [BE92, EC91, Mei86, ZL94]. **Alternative** [GGFF93, Trä12, CGMS94, KJA05]. **Alternatives** [Rot95]. **ambulance** [GLS01]. **AMC** [HHGA15]. **AMD** [BBL⁺19]. **Amdahl** [MOW96, YMG14]. **AMG** [BDP20, Ema10, MX07]. **AMG-preconditioners** [Ema10]. **among** [CHLO85]. **AMR** [WAT20]. **AMT** [Hil92]. **analog** [PB98]. **analyses** [CI98, FA11]. **Analysis** [ADGS10, DZM⁺13, DFP⁺19, EO91, FLYL21, HSSM17, KD97, LOKM99, MRT93, PCA01, San99, SNK06, SDv98, VJ12, van87a, AGL08, ALD01, AZ98, AKSS07, AKK99, ARR19, AW13, BM08, BP93, Bjø87, BFH23, BOS⁺09, BDS88, Bro86, BOG15, CMT04b, CC96b, CMPM⁺15, CC92, DWB99, DLPS92, FHK⁺15, Feo88, FGHB94, GLP08, GP90, Gir02, GKAS91, GLP98, GT07, GT90, GZTR07, GMS04, GT92, HMTX93, HKW13, HW91, Hil92, HSFS14, IR00, IHM⁺12, JAA06, JPK⁺15, JCE96, Kat01, KCG08, LR04, LyHW⁺22, LSA⁺95, LR99, LWZL24, LGD⁺15, Lin08, Liu98, MSE95, NMAB19, NS02, NA08, NL98, NMI⁺24, OAJ⁺16, PSW18, Pis92, PVP08, Psa02, QCC02, RRS⁺00, SNS⁺97, SBM⁺98, SHN12, SHCS86, SFB⁺97, SMJ15, SV97, Stp93, TPK⁺14, TFS91, TA14, WE97, WOKH96, YNO97, YLCT18]. **analysis** [ZAA⁺21]. **analytic** [GSC⁺22, LND⁺19, MWR95]. **Analytical** [TDW⁺04, GPZ08, JMLBL98]. **Analytics** [NOG⁺22, CC16, CLJ14, IYV⁺22, KMB⁺18, KG21, XLS⁺17]. **Analyzing** [BEDdC16, CGHBS18, Coo19, HHOMR06, HG12, LGC97, OKF16, RDS13, YS96, YMYH24, AKP⁺98, MM96b]. **ancestor** [LO92]. **AND/OR** [VKH99]. **aneurysms** [PIG⁺16]. **Angela** [Hol11]. **angular** [FSY88, GICM18]. **animation** [CDV08]. **anisotropic** [MSV15, Oli96, PMLT03]. **ANN** [AFT23, KK94]. **annealing** [AC89, BL93a, Dod90, DW00, JK91, LR16, MG95, WWR05, YLE95]. **annihilation** [Meg90a]. **annotations** [AAA16]. **anomaly** [Lin91a]. **ant** [KŠR04a, KŠR04b, SSBT19]. **ant-colony** [KŠR04a, KŠR04b]. **anti** [CDRV97]. **APE** [Rap99]. **APE100** [GLS99]. **APEmille** [Tri99]. **aperture** [FFLV96]. **APGAS** [HXCZ14]. **API** [IMQO⁺18]. **apid** [FD02]. **Application** [EMV⁺18, Hem94, KP12, LMH08, PY00, PMAL14, Sun95, WZV⁺16, AA24, AAO13,

ADMV05, ADR⁺05, ADE84, BM93, BBB⁺22, BMS01a, BOS⁺09, CB17, CLC08, CRGM16, DUG⁺06, DL06, Gao87, GPW⁺08, GIRT19, KNTG08, LFS⁺19, LLW⁺24, LHZ⁺22, LV92, LF88, MAJD17, MAM⁺09, NMW93, ORS90, OCSBY01, OILZ17, OCPT97, PAD02, SSS99, SFSV13, SF91, STT94, TB03, VR95, VCK⁺11, WBPM97, WBN⁺17, YSBM97, MPZS13].

Application-aware [PMAL14].

application-centric [SFSV13].

application-level [CRGM16].

Application-specific [MPZS13].

Applications

[ABH18, AGPS03, ASSS11, AGKS15, AGKS16, BDG⁺10, CGNR06, DMWW88, FG01, OSZ93, PS20, Sod02, TFV16, AAB⁺16, AAGS18, AQ93, AK89b, ANG⁺20, AFD13, AMMV98, BDPV99, BH14, BMS01b, BFL⁺01, BRWL09, BDNP11, BCRSR11, BOV09, BFVRC14, BTLK18, BCC⁺97a, BCC⁺97b, BK07, CMT04b, CTS02, CMSL06, CP18, CAA98, CHR00a, CSB00, CMPM⁺15, CL92, DDdSL02, DCD97, Dec00, DPFT19, EHR⁺98, Emm84, DST15, FD18, FGBN19, FAS02, LHR⁺19, FJPA17, FBAB13, FA96, FMM⁺02, GRP22, GWWM09, GJMM18, GW08, Gra91, GPS⁺08, GAPZ00, HL97, HA05, HCT16, HCH⁺96, HAJK01, HST87, HKN89, HTB01, IMQO⁺18, JNWJ18, JNC⁺19, Kan97, KSRK24, KST02, KKSS90, kLH95, Li89, LTV96, LWW⁺21, MKK⁺19, MD04, MKL⁺01, MCB16, MSMC15a, MZ01, MHL06, MCG⁺12, MW88, NAC⁺14, NS02].

applications [ND17, NSM23, OK22, OID⁺12, PK05, PSS94, PGK⁺18, PMV⁺20, PRR03, RDS13, R⁺00, RGGP⁺18, RHM⁺88, SKST08, SAGV21, SDMS12, SHN12, SHB19, SMJ15, Sol88, ST88, SC05, SR10, SRS⁺19, TS02, TDG⁺18, TB22, TTH09, Tor91, Tou02, TF98, THK⁺99, Van02, VV07, WH97, WYT⁺16, WAT20, WLN⁺96, WOKH96, YXQ⁺21, YMYH24, ZAA⁺21, ZEGT04, dSS09, dNdRRL⁺21]. **applicative**

[OM90]. **Applied** [Ano87, BCG00, BP02, Dod89, GG10, HWB92, ML00, RGBC11].

Applying [LQ92, SMC16, Bur04].

approach [ADGS10, Bek95a, BC97, BR99, BCS15, CCG⁺17, CDZ⁺21, CA92, CRGM16, CDM⁺10, DF91, DFRZ02, DL05, EGTD99, FHK⁺11, FM15, GO88, GK19, HAK⁺21, JMLBL98, KPL⁺12, Kot97, LCLL00, LXD⁺23, MGSK87, MWR95, NA03, NC97, PAF⁺97, PB98, SHPA05, SB94a, SLC⁺16, THG98, TRSHB04, VV07, VBS⁺15, VFG12, Vég18, WA03, WJK98, Web90, Wol89, XYT⁺24, YA24, YWP11, ZLJ93, ZGG92, dNdRRL⁺21]. **Approaches** [Kut02, AKB⁺19, BN01, DCY⁺22, GJMMS97, GLP98, JCC⁺24, Lau93, SER90, Tyr90].

Approaching [MSOCG⁺16]. **Approximate** [AHBD18, CC93, Dag07, GCH21, Gur88, HRR08a, KKK⁺18, Mil01, TLS16].

approximately [SSH97]. **approximating** [RH13]. **Approximation**

[Lah00, Mun99, AÖ22, BG91a, BE93c, CLHL23, Cor00, HGM20, KS91b, MKC92].

approximations [GGL21, SSL19]. **April**

[Hol11, WBD99a, Ano20a, Ano21a].

AR-modified [GGFF93]. **arallel** [FD02].

arbitrarily [BPK12, Wag89]. **Arbitrary** [DZ90, LPNV20, MJ94, RV96, SSB⁺91]. **arc**

[CSEK03, KH95]. **Architectural**

[VJ11, Web90, MSE19]. **Architecture**

[Ano16k, ALTZ02, CGG04, DZ90, Ger04, KR10, KU93, LSY⁺24, LF00, Wat87, AB02, AK89b, CLC⁺18, Cho92, DFR92, DWH⁺08, DEH⁺11, DSSD18, DAG⁺09, DBI⁺17, EBSS94, Ekl04, Evr01, FFLV96, AKK16, FYH⁺18, GP86, GWWM09, HISS92, IM88, JHSV02, JGT⁺20, Jou89, KSS06, KAD09, LNLK13, LLW⁺24, Lil94, LHL18, LWJ⁺17, MO89, MMSS22, MF16, MP95, NFG⁺13, QH19, RGT17, SKS⁺95, SKG02, SCD92, Sod02, SSGF00, Tre85, Tre88, WMCU97, WE93, WE94, WRS12, Y⁺99, HZY⁺19, BKS19, BKL⁺19, BBL⁺19, LYC⁺19, WHL19]. **Architecture-independent**

[LF00]. **Architectures**
 [BWL00, HFL⁺10, SYP13, ARCH05,
 ACMT20, Ale91, ABB⁺16, ADPV03, BJ18,
 BZ99, Bjø87, Bog92, BCS15, BCMSW03,
 BCMSW04, BLKD09, CFF17, CHQORS18a,
 ÇFG⁺12, CDZ⁺98, CCJ90, CLSM98, CS19,
 CS89b, CG92, CGH⁺19, CDGI15, CRT89,
 CIO⁺17, DD89, DR94, DFO93, DEGS95,
 DTR18, DSCP88, DvdG92, Erc88, FLS⁺21,
 FD18, FR95, Gao90, Gil94b, HHK95, KK11,
 KZV97, Kut02, Kuz98, LD99, LLX⁺18,
 LGD⁺15, LTV96, LBGO23, MS00, MSE19,
 Mat95, McB88b, MD88, NS11, NZ92,
 ORM⁺10, PMS⁺13, PS89a, PYLE21a,
 PYLE21b, Pea19, PB11, RP85, SS89a, SSB12,
 SKH⁺12, Sel95, SS04, Sol88, SWR⁺18,
 TB07, TS21, Uhl96, VKS⁺15, WYBdJ⁺21,
 WSR14, YMJT10, ZMMW90, vCd90].
architectures/algorithms [LD99]. **Area**
 [RKS92, FGG⁺98, FCM03, KBG⁺01,
 MSM98, NFG⁺13, SB97]. **area-** [NFG⁺13].
Argonne [BRH90]. **Argonne/GMD**
 [BRH90]. **argument** [GF13].
argument-based [GF13]. **Argus** [ZP16].
ARIAL [FD02]. **arising** [GKT⁺15].
arithmetic [DS93, Sch87, SS87, Tak10].
ARM [ZJD⁺23]. **Arnoldi** [HRT07, IS18].
Array
 [Lin91a, ARB94, ARB95, Bek95a, BR89,
 Bol86, CCCP92, CCL04, CC99b, CMM⁺88b,
 EB88, Eva92, FF92, FYEHP89, GS06,
 GNY00, GE92, Hil92, Kak88, Kal92, KS07,
 KLS⁺88, LC02, LL90, Lin91b, McC89, PS89b,
 PRW88, Ris90, SS91a, SB95, Son92, TTH95,
 Tor91, WW95, WE93, WE94, YL86, Num05].
array-based [McC89]. **array-processor**
 [Str87]. **Arrays**
 [SA18, ABGC⁺14, ACC⁺88, BE93a, Bar95,
 BR90, BP90, BK97, CS89a, CJBK93, CC91,
 CMP92, DY91, DS93, DS92, EM86, EM87,
 EG92b, EG94b, FMB98, GE93, HI92,
 HCL05, JWS13, KL00, KC93a, Lin90,
 Lin91a, Lin94, LT90, MM96a, ME89, ME90c,
 MBK12, MS89, ONOK13, RF90, SOS97,
 SSH97, TH89, WB88, WWL⁺22, ZLJ93].
Arria [LLVM21b, LLVM21a]. **art**
 [LR88, SKH⁺12]. **ARTE** [MPZS13].
articulation [KH95]. **Artificial**
 [Loh96, BJSN04, CH92, Fah85, Mar95, Sin90].
ary [Bro88a, CCP98, TT00, YTCS95]. **ASA**
 [XCR17]. **ASA-FTL** [XCR17]. **Asian**
 [SÖB07]. **ASIC** [vCd90]. **Aspects**
 [GWC⁺99, BWZ95, CW97, CEM⁺99, DL04,
 DNL15, EV89, Hol95, JG93, KPS90, LBL95,
 kLH95, LTV96, Par87b, Ron84, STKA96,
 WRB97]. **assembly** [EL16, SPMB23].
Assessing [HBH⁺16]. **Assessment**
 [KR10, MT95, PTK04]. **asset** [CDM⁺10].
asset-liability [CDM⁺10]. **assets**
 [ZCPT00]. **Assigning** [MT91]. **Assignment**
 [DN16, LW15, BTZ06, FYEHP89, GHM97,
 KY98, LC02, LX00, LZCT15, MT95,
 Man01b, MT89, ME90b, NDN20, SS91b,
 Tai91, TN13, WS94]. **assimilation**
 [Ran97, TL96]. **assist** [PB16, Van02, VV07].
assisted [ADK22, NS11]. **associated**
 [SSD01]. **association** [VA14]. **Associative**
 [SA18, ARZ97, DM90, DS92, MP92, Mar95,
 PPZ93]. **assumed** [BFY06]. **astronomical**
 [WYX⁺22, dCC89]. **astrophysical**
 [CCP⁺21, Sug99]. **asymmetric**
 [ACH⁺18, CHQORS18b, GBH98].
asymmetry [CIO⁺17]. **asymptotic**
 [WZCG14]. **Async** [MGCB⁺10].
asynchronization [FSG19].
Asynchronous [BAJG⁺20, El 93, FB91,
 HM89a, MQ89, OIK21, TLC⁺21, WE91a,
 ATT89, BM93, BCVC05, Bai99, BP93,
 BP95, BG97, BC91, CZ91, CGM⁺92,
 CGOP03, CB09, DCR⁺16, ED91, GAR15,
 HP97, HWB92, OILZ17, PHM⁺22, RRS⁺00,
 RSC⁺19, SB96, SK87, Son94, ÜD89, Wei93,
 WP19, YCBD19, ZDE95, RHWF23].
ATAPE [PW22]. **ATCOR** [BRS⁺08].
Athread [LHZ⁺22]. **ATLAS** [WPD01].
ATM [Sab97]. **Atmospheric**
 [Adr99, AFG⁺97, DS96, HLDS95, KNTG08,
 MSW98, MSV15, PFS⁺04, PODd16, SB97,

WME⁺⁹⁵, YNY⁺¹⁷. **Atomic** [BCA08, SSV⁺¹⁶, BF92, DS13, LWG06]. **atoms** [SKE⁺²²]. **attacking** [BF06]. **attainable** [Coo19]. **ATTEMPT** [TYKA95]. **ATTEMPT-0** [TYKA95]. **attention** [GH98]. **attribute** [CRGR⁺¹³]. **Auction** [AGGG06, BC91, PB94, SSB12]. **auction-based** [SSB12]. **augmented** [HCTH05, MLX07]. **August** [Hol11, Ano20b]. **Aurora** [TSEE21]. **Austin/Texas** [SWR⁺¹⁸]. **Author** [Ano84a, Ano01, Ano02a]. **auto** [KKHY06b, KKHY06a, CCGG14]. **Auto-tuned** [CCGG14]. **auto-tuning** [KKHY06b, KKHY06a]. **AutoDock** [SVTSM⁺²²]. **Automata** [ATT92, ATT89, AvHL⁺⁹⁷, BMS01b, BMS01a, BM01a, BMA06, CDR⁺⁹⁵, CCEJ01, CFMM97, FMS⁺⁰⁶, Hee97, KVV97b, MHK97, M⁺⁰⁰, MCM01, OCSBY01, SBZ04, SC19, Sut97, Wei97, Wei01, Yan04, KVV97a]. **Automated** [CQ97, WPD01, MLG⁺²⁴, TLC23]. **Automatic** [AKNS91, EJLC97, EJLC00, Fis90, GAPZ00, JIC96, LF98, MS99a, RW89, VFG12, APBeF16, AvHL⁺⁹⁷, AART13, AGK98, CYDJ21, CMT04b, CMSL06, CDGM96, GAMR03, GF13, Has01, HM01, KBGZ88, LMJC96, LCD91, LLFZ23, PB23, PHM⁺²², SM13, SFB⁺⁹⁷, ZBG88]. **automatically** [CGG04, Glo95a, Her00, MFGEL17]. **Automating** [Xue94]. **automaton** [Ume01, WNES01]. **automotive** [Gin99, vWWM⁺¹⁹]. **autonomic** [CDZ⁺²¹]. **Autonomous** [DMT06]. **Autotasking** [EO91, Nag90]. **autotuning** [BWV⁺¹⁷]. **availability** [BDF⁺⁰⁰]. **average** [Tap84b]. **averaging** [CGG01]. **avoidance** [CZTS99, CSH⁺¹¹]. **Avoiding** [WLYJ13, IS18]. **AVX512** [AAS20]. **Aware** [DGKF19, HVA⁺¹⁶, ZWJ⁺¹⁹, AFT23, CDA⁺¹⁶, DCN⁺¹⁵, FCC16, GIRT19, HCT16, HG12, JWS13, KBG⁺⁰¹, LFS14, LCLA19, LBGO23, LWW⁺²¹, MSMC15a, NB12, PMAL14, PVK⁺²², RR16, SYY⁺²², TDC19, XYT⁺²⁴, XCR17, YXQ⁺²¹, ZP16, ZYZ⁺¹⁶]. **awareness** [BHR09, PCLM18, SS04, VGS14]. **axis** [Wan09]. **axon** [WS04].

back [CS89b, MMC97]. **back-propagation** [MMC97]. **backplane** [SP94]. **backprojection** [RW98]. **backpropagation** [WZ90, ZMMW90]. **Bag** [dSS09]. **Bag-of-Tasks** [dSS09]. **Balance** [EY90, CHQORS18a, ORM⁺¹⁰]. **balanced** [BF95, BM01b, CG92, Gor97, GH92, LZ00, SSH97, TRLD13]. **Balancing** [SG16, BMP15, BCPB05, BD18, BP97, BS05, Bog92, CE94, CS00, CFF17, CG87, DLM97, DR93, DLR94, DR95, Dec00, DG90, DFM99, DPSW00, EB93, EB94, FMD98, FG96, GGV04, GPS03, HL97, Hor93b, HB99, JH97, KNP97, Koh95, MD04, MG19, MMT07, MCG⁺¹², MSE07, MZ95, NC97, OBG00, PRR03, RHWF23, RCAP11, San99, SSLK00, SGS95, Son94, TSJB00, VR95, YEC97, YSBM97, Zam99]. **band** [CS87, MMS90, TRSC⁺¹⁹, ZVWS88]. **banded** [Con89, DG95a, DS84, DJ87, EM88, HS90, Lan96a, Mei85, MP11, PS06, RLH19, VB95, ZM94]. **bandsymmetric** [Arb92]. **bandwidth** [CD00, LNLK13, ML23, SST09, ZYZ⁺¹⁶]. **Banerjee** [CC00a]. **banks** [GGL⁺⁰⁵]. **banyan** [MO89]. **Barnes** [GKS98]. **barrier** [AJ89, FK98, Nic95]. **barriers** [Axe86]. **base** [DFRC94]. **Based** [LSY⁺²⁴, AK89a, AKB⁺¹⁹, ALH⁺¹⁴, ARZ97, ACLN03, ALTZ02, AKP⁺⁹⁸, AATK10, BS00a, BN01, BBL⁺¹⁶, BM01a, BVP⁺⁸⁹, Bar12, BWV⁺¹⁷, BY21, BCB02, BFG⁺⁰⁷, BDP20, BKK24, BNS⁺⁰⁷, BFH23, BDH95, BJG⁺²⁰, BFVRC14, BI07, BJSN04, BDK06, Bra88, BRS⁺⁰⁸, Bri95, CYDJ21, CRGR⁺¹³, CDDG93, CCEJ01, CFF17, CAC⁺⁰⁹, CD98, CCCP92, Cv98, CL05,

CGH⁺19, CV02, CKS03, DTV21, DCR⁺16, DP00, DFRZ02, DAG⁺09, DGP⁺16, EJLC00, FD18, FLYL16, FHK⁺11, FLPG18, FA11, FGHB94, FMS⁺06, Ger98, GMMT16, GF13, GHH⁺03, GZ99, GLD08, GVH08, GSC⁺22, GK04, GPZ08, Haa98, HJS23, HSC⁺12, HAK⁺21, HJ97a, Her00, HST05, HM86, Hot89, HF20, IR93, IS18, Jou89, JMA⁺13, KYS23, KK03, KG21, KPL⁺12, Kog85, KM89, KS01, LJD93, LAHM14, LSA⁺95, LS90, Li89, LWZL24, LLL10]. **based** [LLFZ23, LKP24, LTS⁺24, LZCT15, Lop93, LPAZ97, LBH07, MKK⁺19, MP92, MPZS13, MCB05, McC89, MMT07, MAB⁺21, Mi89, MRSB94, MCG⁺12, MKL⁺88, NMMG13, Num05, OAJ⁺16, OIK21, ÖW10, OGC⁺15, PB98, PK05, Pel97, PGGL17, POHS14, PHCR05, PGG11, PSF⁺15, PGW16, RHWF23, RMS⁺18b, RBS10, RVD10, STP⁺19, SSSG03, SSB12, SKE⁺22, SSN⁺21, Sch92, SSS99, She95, SLG⁺22, SCL⁺23, ST21, SML⁺14, SSS⁺09, SSN04, SSBT19, SIH14, SW03, Tak06, TW19, TKK⁺05, TLS⁺08, TDC19, TNZM20, TSCS14, TB07, TND10, TE92, VP95, VFG12, VRGÁ15, VKS⁺15, VK92, WWR05, Wan09, WL13b, WCC⁺22, WAT20, WL14, WYBdJ⁺21, WWL⁺22, WTLW23, XXQ⁺15, XRW⁺19, YMJT10, Y⁺99, YTSI13, YTCS97, Y⁺02, YHZ21, YLT⁺23, YZB⁺23, ZLT19, de 96, Lin91b]. **Basic** [DT95, DLdS06, LN87, HM89a]. **basins** [WFW⁺11]. **basis** [Bak00, GPSK09, KS91b, LSS05, Uhl96, WYBdJ⁺21]. **Basker** [BETR17]. **batch** [BM11]. **Batched** [BTLK18, ADFQO19]. **Batching** [JSC97]. **Bayesian** [LTG23, SYAU07, YMJT10]. **BBN** [PBTC89]. **BDSC** [KJA15]. **be** [FLW87, Par86, PTS⁺12]. **beam** [LPCA98, OIH10, SCCPM14, SKH⁺12]. **beamforming** [GMF00]. **bearing** [TB03]. **bee** [BW01, GAVRRL18]. **BeeGFS** [BPC21a, BPC21b]. **behavior** [AAO13, AFD13, Beb97, CBP⁺07, MAJD17, TCS04]. **Behavioral** [FKPB15, FF21]. **Behaviour** [HK98]. **BEM** [BCS15]. **Bench** [NL91]. **benchmark** [BCL91, BOS⁺09, GSE⁺15, KK92, LXC⁺18, MKL⁺01, Oed92, PB23, ZCT⁺20, van91]. **Benchmarking** [AGH⁺94, FFZ⁺18, MHL06, NL91, SVTSM⁺22, Gin99, HL88, Hoc91]. **Benchmarks** [Xu07, But92, Dix91, Hey91, Wei91]. **Benders** [NZ97]. **benefit** [PGK⁺18]. **Beowulf** [DWM⁺01]. **Bernoulli** [ME90a]. **Bernstein** [MSE93]. **Best** [Año15a, SN14, Año18k, GT19, TO89, Uhl96]. **best-bound-first** [TO89]. **beta** [God00, HSN89, SHCS86]. **beta-networks** [SHCS86]. **Bethe** [PMV⁺20]. **better** [SG91]. **between** [BL93b, BK97, CR23, CHQORS18a, DW99, LKGD16, MSP93]. **Beyond** [DM90, SC19]. **bi** [BSD11, MMT06, VP94, BP02]. **Bi-CGSTAB** [BP02]. **bi-diagonalization** [VP94]. **bi-objective** [BSD11, MMT06]. **bias** [NTHY22]. **biased** [SR97, Zam99]. **BiCG** [ADEQO19]. **BiCGStab** [Coo19, CV17]. **bidagonal** [GTD18, GL99, Kuz98, Lan96a, LPNJR96, TND10, VP94, Yal97]. **bidirectional** [MP92]. **Big** [LK14, STE23, BHB21, PFTB15, RBB⁺22, XLS⁺17]. **big-data** [PFTB15]. **biharmonic** [LV92, MS04b]. **binary** [AJ95, AND05, AFS14, Cho92, LH02, SGS95, Tou02, Ume01]. **bindings** [VGRS16]. **binomial** [DP00, Ger04]. **bio** [GHC04, HR04, RD07, RBS10]. **bio-computing** [GHC04, HR04]. **bio-inspired** [RBS10]. **bio-molecules** [RD07]. **bioinformatic** [JBC⁺04]. **bioinformatics** [DEH⁺11, OGC⁺15, SKST08, SWYM17, VRGÁ15]. **Bioinspired** [HFL⁺10]. **biological** [ORS90, ZHC⁺23]. **biologically** [HSR⁺14]. **biology** [BA08]. **biomedical** [Rob99, SHCR98, TRSHB04]. **Biomolecular** [BWT⁺08, AAV08].

biomolecules [EMV⁺18, SSS92]. **bipartite** [AB16, LPM11, LAHM14, SKC90]. **bipartitioning** [KB20]. **bisection** [VR95]. **Bit** [TLS16, PS89b, SAOKM01, SR97, SWSG92, Ume01]. **bit-level** [PS89b]. **Bit-parallel** [TLS16]. **bit-reversal** [SAOKM01]. **black** [BP02, MCY⁺24, SS88, SY21]. **black-box** [MCY⁺24]. **BLAS** [DMWW88, Lip99b, LN87, Phi91]. **BLAST** [HMS⁺07, YZWcF14]. **BLAZE** [MV87b]. **Block** [DZLK20, ER95a, IS18, ME93b, SY21, ADFQO19, BOV02, BO03, BOVG10, BDK95, BF06, BVWH14, BP02, BM90, CTW14, DR18, DNL15, DAD11, DS05, DR02, EY90, Fie96, GS89, HS90, HAK⁺21, HRR08a, Hwa04, KGS08, LC02, LKHL03, Li97, LHG⁺23, MW11, Meh93, MAD⁺16, O’L87, OV06, PG91, RM97, RR16, Sch91b, SZ02, SE98, Ter13, WB88, WE94, Wan09, WAT20, van87b]. **block-algorithms** [Fie96]. **block-based** [Wan09, WAT20]. **block-compressed** [BVWH14]. **block-cyclic** [Hwa04, LC02]. **block-diagonal** [KGS08]. **block-ILU** [HRR08a]. **block-Jacobi** [BOVG10, OV06, ADFQO19, BOV02, BO03]. **block-level** [MAD⁺16]. **block-oriented** [LKHL03]. **block-preconditioners** [DNL15]. **block-sparse** [RR16]. **block-structured** [HAK⁺21]. **block-tridiagonal** [DR18, SE98, Ter13]. **blocked** [AHW14]. **Blocking** [NSS15, BO03, BCS15, HGLR07, KS01, PGGL17, PHCR05, STP⁺19]. **blocks** [DBZ⁺19, HRR08b, Mar14]. **blockwise** [Bai99]. **blood** [GGFF93]. **Blue** [WZV⁺16, BJV⁺16, MV17]. **Bluestein** [SSB⁺91]. **Board** [Ano18e, Ano18f, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano06, Ano09b, Ano10b, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano18a]. **Board** [Ano18b, Ano18c, Ano18d, Ano18g, Ano18h, Ano18i, Ano18j, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano22g, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano24a, Ano24b, Ano24c]. **Body** [ER18, LCE⁺18, CLC⁺18, CDV08, DSSD18, FYH⁺18, GKS98, LLX⁺18, LBWR90, Lip99b, LHL18, MBB⁺18, Sug99, SWR⁺18]. **Boeing** [FMS01, MKL⁺01]. **boid** [LKP24]. **Boltzmann** [AK89a, CGK⁺16, DF91, DFR92, DFO93, FHK⁺11, FHK⁺15, GPLW17, HAK⁺21, HWB92, OKTR13, Sch92, SP93, XT11]. **BondMachine** [MMSS22]. **bone** [TA14]. **Boolean** [HWYL89, Sen91, WP88]. **Boosting** [MC09]. **bootstrapping** [GAA⁺13]. **bordered** [DS05, VP94]. **bordering** [Eva92, LE91]. **both** [Hsi06, LF00]. **bottleneck** [PJW⁺22, RG92]. **bottlenecks** [DSG17, HC89, JKHK08]. **Bound** [GMMT16, BCG00, CC92, Chr00b, DM03, DCY⁺22, DFRC90, DUG⁺06, FF21, GK92, MD04, MT90, MMT07, SDMS12, TYLL22, TO89, ADMV05, Lau93]. **bound-constrained** [DM03]. **boundary** [DL92, Dav88, Gol88, GW87, Kie91, Lop93, MPJ03, PG93, Pir93, Pir96, RW96].

Bounding [CRD02]. **bounds** [LMKH97]. **box** [MCY⁺24, SS88]. **BPC** [LY93]. **BPC-permutations** [LY93]. **BPMN** [STE23]. **brain** [PJW⁺22, VLSPL19]. **Branch** [BCG00, GMMT16, DCY⁺22, DFRC90, DUG⁺06, FF21, MD04, MMT07, Ra103, TO89, ADMV05, Lau93]. **Branch-and-Bound** [GMMT16, BCG00, DCY⁺22, DUG⁺06, MD04, TO89]. **branching** [PCL23]. **bricked** [MSE07]. **bridges** [HHH92, SS89b, ZM88b]. **bridging** [NMMG13]. **Bringing** [Col04]. **Broadband** [BAMK07, BAK09, KR10, PMMAM10, SKST08, CD00]. **broadcast** [AMC⁺19, BT99, GT92, HK90a, Jia09, LS98, SST09, Sim91, THK⁺99]. **Broadcasting** [BMT92, CL92, CHH⁺01, GP96, ST02, ZM96]. **broadening** [HK91]. **Broadwell** [DSSD18, FYH⁺18, LCE⁺18, LHL18]. **Brokering** [BG07]. **Bruijn** [FJPA17, Bar97]. **BSC** [SLH⁺18]. **BSP** [BJvOR03, BI07, DHS00, GS01, Ger15, HMS⁺98, IB01, JHSV02, EB98]. **BSPLib** [HMS⁺98]. **bubble** [MP87]. **Buchberger** [Sen91]. **bucket** [JON08]. **buffer** [YHZ21]. **buffered** [Lin93]. **Buffering** [Sor84, BL99, MC09]. **Buffers** [ZS21]. **build** [DFRZ02, EL95]. **Building** [BGWW97, CMT04a, RBB⁺22, HRR08b]. **built** [DK01]. **bulge** [KKW14]. **bulge-chasing** [KKW14]. **Bulk** [KS99, PM03, SRS⁺19]. **bulk-loading** [PM03]. **Burst** [ZS21]. **Burst-Buffers** [ZS21]. **bursty** [SP97, WL98]. **Bus** [ZKCL04, BV04, FHKZ88, Kat01, Tak06, THK⁺99, WH94, VP95]. **bus-based** [Tak06, VP95]. **bus-connected** [BV04]. **buses** [LPH00]. **busy** [YHL⁺24]. **butterfly** [Bro87, TTH95, Tou02, PBTC89]. **BVP** [GH89]. **bypass** [SP97, WL98]. **bytecode** [A⁺01a]. **C** [ATA⁺16, Hol11, FSCL06, KSRK24, Son86, WSL88]. **C-1** [WSL88]. **C2** [SM13]. **C90** [Oed92]. **CA** [BW01, FGS97]. **CA-like** [FGS97]. **CAA** [IS18]. **Cabana** [HJS23]. **Cabana-based** [HJS23]. **Cache** [GM07, ZWJ⁺19, APPG15, BGR00, CD00, DG94, HCT16, LFS14, MSS⁺05, PSS01, PJW⁺22, RH13, SIH14, YB11]. **cache-aware** [HCT16]. **Cache-efficient** [GM07]. **cache-oblivious** [YB11]. **cached** [LBH07]. **caches** [AFD13, RB14]. **caching** [AKSS07]. **CAD** [CAA98]. **Calculating** [Fre89]. **calculation** [ALH⁺14, BWT⁺08, DL04, FSY88, HWL⁺22, LCLL00, NHS⁺95, SMC16, Tak10]. **calculations** [ABB⁺11, BF92, Ber00, DD87, EEH⁺19, FGHB94, GSMY⁺07, HH91, JNWJ18, JNC⁺19, PGK⁺00, RKMJ10, SB94a, Sil88]. **calculators** [Hee97]. **calculus** [HL99, VP92]. **Calendar** [Ano84b, Ano97]. **calibration** [God00, WWT01]. **Callback** [SSN⁺21]. **Callback-based** [SSN⁺21]. **CAMELOT** [DS03]. **can** [FLW87, Par86]. **cancellation** [LHS13]. **Cannon** [ML20]. **Cannon-type** [ML20]. **capability** [HISS92]. **capacitated** [GPS03, Ra103]. **capacity** [JSC97, MLM⁺00, ZLPF16]. **CAPDYN** [Pry97]. **CAPTools** [IJCL96]. **car** [CLL99]. **carbon** [PODd16]. **cardinality** [AB16]. **Carlo** [vS92, ACC⁺88, BSH88, BLFT84, DP95, EEH⁺19, FHL87, FHJ⁺84, GPW⁺08, HA97, HSFS14, Ken99, LM00, mM94, MD88, MAM⁺09, MB88, ÖW10, ZLM98]. **CARP** [GG10]. **carried** [BCR00]. **Carrying** [SR14]. **CARS** [LCLA19]. **Cartesian** [Gro19]. **case** [AFY⁺16, AMMV98, AGK98, Ber00, BF06, CDM06, Chr98, CLZ01, GJS93b, GCC19, JLY18, Kas84, LyHW⁺22, Liu98, LF88, MMT06, MAM⁺09, MST94, NAC⁺14, Oli96, RSK99, SEAH⁺08, SSLK00, SWYM17, Sod02, THMH21, Wal01, WLZ⁺23]. **cases** [SMP11]. **cationic** [STKA96]. **causal** [PLY02]. **cause** [SMJ15]. **cavity** [Ste88]. **Cayley** [BT99, GHM97, LJD93]. **CC**

[HK02b]. **CC-NUMA** [HK02b]. **CCF** [AAS20]. **ccNUMA** [SSGF00]. **CDC** [LN87]. **CELIP** [Has90]. **Cell** [BMA06, BL94a, Hat06, HHSM88, LF88, MII⁺¹¹, SLS⁺²¹, Ume01, KAD09, BAMK07, BAK09, KR10, PMMAM10, PTS⁺¹², SKST08, WRS12]. **Cell-centric** [BMA06]. **Cell/BE** [PTS⁺¹²]. **cells** [AIIV98, GE92]. **Cellular** [ATT92, BMS01b, BMS01a, KVVW97a, OCSBY01, SBZ04, Wei97, ATT89, AvHL⁺⁹⁷, BM01a, BMA06, CDR⁺⁹⁵, CCEJ01, CCCP92, CFMM97, DS03, FMS⁺⁰⁶, Hee97, Kat86, KVVW97b, MHK97, MZ04, MCM01, Seu85, SC19, Sut97, Ume01, WNES01, Wei01, Yan04, Has90]. **Centju** [HCH⁺⁹⁶]. **Centju-3** [HCH⁺⁹⁶]. **centers** [PVBR23, ZCT⁺²⁰]. **centrality** [SSKÇ15]. **centralized** [PCL23]. **Centre** [Kau94]. **Centric** [NDW⁺¹⁹, BMA06, CHZ⁺¹⁹, CFD⁺¹⁶, IYV⁺²², RH12, SFSV13]. **Centroid** [PJV00]. **centroidal** [JDG02]. **CEPROL** [Seu85]. **ceramics** [LVC16]. **cerebrovascular** [TAB⁺¹⁹]. **CFD** [A^{+01b}, DK04, Ema10, EK98, FMS01, FR95, GK17, GKKS01, HAJK01, IUY⁺⁰⁴, JJAP⁺²⁰, Taf01]. **CFD-codes** [Ema10]. **CFD'92** [Str92]. **CFD'93** [Heb93]. **CG** [ABB⁺¹⁶, BRS97, GG10]. **CG3DR** [WCKM11]. **CGM** [TNZM20]. **CGM-based** [TNZM20]. **CGSTAB** [BP02]. **chain** [Bur90]. **chaining** [TE92]. **chains** [Beb97, Reg01]. **challenge** [AGV⁺¹⁷, CDK⁺⁰³, Hoc94, WBN⁺¹⁷]. **Challenges** [Che98b, BJK⁺¹⁷, GScFM13, Gin99, KCG08, MP08b, Sch95, WLK⁺¹⁸]. **Chamfer** [ER95b]. **Chan** [SPW⁺¹⁵]. **change** [CS00, TL94]. **Changes** [Ree07, TKG97]. **changing** [PCLM18]. **channel** [FT93, HT92, JHD⁺²², SF91, WLZ⁺²³, Xu07]. **channels** [BKK24, CWK09, FMA17, N⁺⁰⁰]. **Characterising** [BS96]. **characteristic** [SK91, YLCT18]. **characteristics** [AAV08, PGAA16]. **Characterization** [FSKF06, FCM03, HMP⁺¹⁶, HWYL89, YHE⁺¹⁹]. **characterizations** [BCL91]. **characterize** [HC89]. **Characterizing** [FLPG18, GScFM13, LBGO23, PGK⁺¹⁸, TYSF13]. **chasing** [KKW14]. **Chebyshev** [GR02]. **check** [ARCH05]. **checking** [BSK03]. **Checkpoint** [AKB⁺¹⁹, NSM23]. **Checkpoint/restart** [AKB⁺¹⁹, NSM23]. **checkpointing** [CQ01, GAR15, HW02, PY00]. **checkpointing-recovery** [CQ01]. **Chemical** [BGL⁺⁸⁸, DS96, DF00, NMW93]. **chemistry** [AC00, BS00a, Les00, LXD⁺²³, NRN00, R⁺⁰⁰, SSGF00]. **Cheyette** [God00]. **Cheyette-beta** [God00]. **Chick** [YHE⁺¹⁹]. **Chinese** [KC93a]. **Chip** [SYP13, AFY⁺¹⁶, LNLK13, NMMG13, PMS⁺¹³, Tak06, GP86, AAS13]. **chips** [WLYJ13]. **Chiral** [EHN99]. **Cholesky** [TOO20, BO91, CGH⁺¹⁹, Con89, DG95a, GP90, GHNL87, GLN89, Haa98, LKHL03, LC99a, Liu86, Ng93, RSD16, Stp92, YPL12, ZE92, ZG88]. **Cholla** [SRK⁺²¹]. **choose** [CHZ⁺¹⁹]. **chopping** [PG93]. **Chromium** [LBH07]. **chromodynamics** [BH99]. **chromosome** [BMCA98]. **Chunked** [ONOK13]. **Chunks** [RR14, ARR19, RR16]. **Cilk** [AV15]. **Cimmino** [Slo91]. **Cinema** [OAJ⁺¹⁶]. **cinematic** [SLS⁺²¹]. **circuit** [SM91]. **circuits** [Tor91]. **Circulant** [DZLK20, Far96]. **circular** [KT97, KH95, SKY93]. **circular-arc** [KH95]. **circulation** [JKH95, MSW98, WME⁺⁹⁵]. **City** [ER95a]. **class** [Bai99, BE89, BLKD09, DP90a, ED91, KN88, KC91, TCL92, Thu92, VL05]. **classical** [CT88]. **Classification** [MAJD17, BMA06, BKK24, EG92a, Gao87, GIRT19, Li91, MCM01, PPZ93, SSN04]. **Client** [TDC19, BA02]. **client-server** [BA02]. **Client-side** [TDC19]. **climate** [CDK⁺⁰³, DFM⁺⁹⁵, DF95a, DF95b, HRW⁺⁹⁵]. **climatology** [Adr99]. **clique** [Shy90, YL19]. **CLJP** [MX07]. **clocks**

[CZTS99, DB03, LWZL24]. **cloning** [Hat06]. **closed** [HMTX93, KR10]. **closed-loop** [KR10]. **closeness** [SSKÇ15]. **closet** [Col04]. **cloth** [TB07]. **Cloud** [BY21, PCC19, AA24, BEDdC16, DST15, KRS⁺21, LSC⁺15, SWYM17, ST21, STE23, SLH⁺13b, dNdRRL⁺21, RMRN05]. **clouds** [CLY⁺19]. **ClustalW** [DL06]. **Cluster** [AGV⁺17, Bar12, BKS19, BRS⁺08, FYH⁺18, GGL⁺05, HZY⁺19, HG17, LCE⁺18, LYC⁺19, LHL18, NGM19, SER90, TBM16a, WHL19, AL93b, ABMN02, BCPB05, BEDdC16, BWL00, BKL⁺19, BBL⁺19, CSEK03, CLC⁺18, CKS03, DWM⁺01, DSSD18, GSMY⁺07, GHS02, GW08, GP98, Hat06, HH17, IMQO⁺18, JLLC22, JAA06, JMA⁺13, KEEF01, KI05, LLX⁺18, MBB⁺18, MHH97, Moo04, NHS⁺95, OIK21, PWY03, PL00, RBB⁺22, SNS⁺97, SKN04, SVC07, SDMS12, SSOB03, SS04, SSS⁺09, SWR⁺18, Tak18, TSL17, WBS06, Wat00, WBN⁺17, XT11, RMRN05]. **Cluster-based** [Bar12, CKS03, JMA⁺13, OIK21]. **Clustered** [DFO93, Ara03, CE94, KBG⁺01, NS11]. **Clustering** [DZ90, DL05, LF89, LSF⁺15, MS98, Ols95, PRW88, SLG⁺22, Tak06, TMCC02, ZRPI89, ZEC⁺17]. **Clusters** [DST01, HVA⁺16, ADPV03, AS00, ADMV05, BCVC05, BM11, BL94b, CGK⁺16, CdCM07, CC00c, DGBP05, DL04, DHS00, DFH⁺13, FKP15, FWL03, FHK⁺11, FHK⁺15, HL97, HCL05, JS13, JKHK08, KNTG08, MCY⁺24, MS03b, MKJC21a, MKJC21b, MSV15, NMW93, BHB21, OKTR13, PRS⁺14, PM95, PSF⁺15, RHWF23, SLG⁺22, SMW⁺05, VCK⁺11, WZL09, WZS⁺14, WY11, XLS⁺17, ZCT⁺20, ZKCL04]. **CM** [BP89, BEK95b, But92, SNS⁺97, TM94]. **CM-2** [But92]. **CM-5** [SNS⁺97, TM94]. **CM-5E** [BEK95b]. **CM2** [SS94b]. **CM5** [She96, SS94b]. **CMMD** [TM94]. **CMP** [KRN⁺11, LLL10]. **CMP-based** [LLL10]. **CNN** [NSF⁺22]. **co** [CCG⁺17, DTV21, Kim98, LC17, Num05]. **Co-Array** [Num05]. **co-design** [LC17]. **co-designed** [CCG⁺17]. **co-minima** [Kim98]. **co-simulations** [DTV21]. **coalescing** [MCP⁺14]. **Coarray** [CFF17, FD18, FGBN19]. **Coarray-based** [CFF17, FD18]. **coarrays** [SC19]. **Coarse** [BBC⁺11, CDBL08, BMP15, CS95, DG90, GPSK09, HHK95, KY98, KHHC20, Lil94, MAFC14, OHZ98, TTO⁺22, dV94]. **coarse-grain** [KY98]. **Coarse-grained** [BBC⁺11, HHK95, Lil94, MAFC14, OHZ98, TTO⁺22, dV94]. **coarse/fine** [BMP15]. **coarsening** [MX07]. **Cobra** [BG01]. **code** [AG00, BDI⁺95, BWV⁺17, BDSV98, Bri95, Bur90, Cap88, CEM⁺99, CDH⁺03, DF91, DLR94, Dow90, DAG⁺09, EJLC97, FMS01, FR95, GJS93a, GDAK06, GHH⁺03, GAW96, Hat06, HC05, IJM⁺05, IUY⁺04, JIC96, Kie91, KSM⁺94, KSRK24, KPL⁺12, KRS⁺21, LMJC96, LR89, mM94, MWI⁺15, MB88, MPJ03, OCE⁺07, PATC99, POHS14, PJW⁺22, RKMJ10, SSP⁺98, SLC⁺16, STKA96, Taf01, TX00, TLC23, TBM⁺16b, ZGZS20]. **codebook** [AB02]. **codes** [ARCH05, ALD01, BSE88, BF92, BC97, CGK⁺16, Cha88, ES88, Ema10, EJLC00, FDTZ04, GKS07, GK17, GH89, IJCL96, MJ99, PHCR05, SMTT96]. **coding** [Kut02, Riz85, SKN04, SM15]. **Coefficient** [JNC⁺19]. **coefficients** [AIIV98]. **coffee** [CCEJ01]. **coherence** [CD00, WC94]. **coherent** [MSS⁺05]. **collaboration** [KYS23]. **collaborative** [LHZ⁺22]. **collapse** [OCSBY01]. **collection** [Bev89, DH84]. **collections** [Wil85]. **collective** [BPJ22, CC96a, GGA19, HGLR07, HMS⁺19, HG12, IZS⁺20, KBG⁺01, NZHY11, PGBF⁺07, Trä12, THMH21, WBPM97]. **Collectives** [ZGZS20, Trä18]. **collision** [Wan08]. **collision-free** [Wan08]. **collisions** [CT88]. **collocation** [BP02]. **Colloquium** [Ano88a]. **colony** [KŠR04a, KŠR04b, SSBT19]. **color**

[SPW⁺15, SM15]. **color-coding** [SM15]. **color-entropy** [SPW⁺15]. **coloring** [BSB⁺22, ÇFG⁺12, GK17, ZK92]. **colouring** [BFM90, Zer90]. **column** [AC94a, ST95]. **columns** [KC93b, PLP97]. **combination** [PHCR05]. **combinations** [TL90]. **Combinatorial** [Hag91, BAMK07, MGSK88, Rib84]. **Combined** [BNK15, Ala89, GV08]. **Combining** [HRR08b, MFS⁺19, Lil94, MMTU18]. **combustion** [CYXL18, DG95b]. **come** [Rau98]. **Comments** [Eis89, FLW87, HE88, RT88, SSY02, Sim91, SE87]. **commercial** [CTS02]. **commit** [Yua94]. **committor** [BWT⁺08]. **commodity** [B⁺00, DK01]. **common** [GÁVRRL18, KS16, LO92, Lin94, TNZM20, TTO⁺22, WFW⁺11]. **communicating** [DC15, Ram99, Wil85]. **Communication** [Ber89, DCN⁺15, ER18, GLN89, GS96, HHK95, HHQ06, HL99, LW11, SAOKM01, Ste90, VB92, Ann89, Arv92, ABMN02, AFY⁺16, BFY06, BDK98, BAB⁺02, BE87, Bek95a, BMG07, Cal96, CAHT17, CC95, CWC00, Cho92, CFW⁺22, CNK93, CV17, Coo19, De 95, DVGG98, DT96, DWS⁺21, DZD01, FMA17, FKK⁺06, FBAB13, FA96, GP90, GZH⁺23, GMS04, GNY00, GE92, HK02a, HC89, Hoc89, HC92a, Hoc94, HT92, HEB96, HK90a, HHJP16, Hwa04, IS18, IZS⁺20, JWS13, JOL⁺21, Joh93, KH95, KLP11, KBG⁺01, KK92, KG03, KC93b, LC02, LFL11, LC99a, LX00, LBGO23, LBH07, MS99b, MFGEL17, Mun99, NZHY11, OKF16, Oed92, OID⁺12, PVK⁺22, PM95, PP98, RM97, RBM⁺16, SS89a, SS95, SKS⁺95, SSY02, SAOKZ06, SW91, SV94, TG09, Trä12, THMH21, Ume01, VP95, VLL90, Ver99]. **communication** [WBPM97, WZL09, WCC⁺22, WWL⁺22, YCBD19, YG93, YMG14, ZK92, ZL94, ZGG92, BD95]. **communication-avoiding** [IS18]. **Communication-aware** [DCN⁺15, JWS13]. **Communication-efficient** [GS96]. **communication-hiding** [CV17]. **Communication-optimal** [HHQ06]. **communication-related** [Arv92]. **communication/computation** [DVGG98]. **communications** [ADLL03, BKT91, CC96a, CMT96, EPS98, EJLC97, GGA19, Has01, HRT07, HC92a, Lah00, PS84, VJ11]. **communicators** [GJMM18]. **community** [DFM⁺95, GGH⁺22, HRW⁺95, LHK15, TMD⁺97, ZY16]. **Compact** [QP16, GGL21, PW84]. **compaction** [GF03, SC92]. **Comparative** [FRC⁺95, GT92, BEK95b, FB19, LCD91, SB94a, SH88, SS94b]. **compared** [HL88]. **Comparing** [AJ89, Bai88, BD18, LHR⁺19, MTV08]. **Comparison** [GP85, HC92a, KHHC20, PER17, Ahm97, ABMT99, BM93, BP89, BDOS95, But92, CWB92, CKLM14, GLP98, GE93, HJ97b, Hur93, KN88, MSP93, MOF04, PVP08, RW98, Sha06, SH01, TSJB00, Trä95, YTSI13]. **comparisons** [BE89, LR89]. **compatible** [BDP20, EL16, OIH10]. **compensation** [HWL⁺22]. **Competition** [AGV⁺17, BKS19, FYH⁺18, HZY⁺19, HG17, LCE⁺18, LYC⁺19, LHL18, NGM19, WHL19, BKL⁺19, BBL⁺19, CLC⁺18, DSSD18, HH17, LLX⁺18, MBB⁺18, SWR⁺18, TSL17, WBN⁺17]. **competitive** [SMT⁺04]. **Compilation** [GPPS99, KCRB98, CAS09, JPK⁺15, KY98, MFS⁺19, MAFC14]. **compile** [HJ05]. **compile-time** [HJ05]. **Compiler** [ADK22, AKP⁺98, BWV⁺17, NS11, AART13, FAS02, FDTZ04, HT00, SM13, SNK06, SSO⁺14, THH⁺05]. **Compiler-assisted** [ADK22, NS11]. **Compiler-based** [AKP⁺98, BWV⁺17]. **compilers** [DFRR91, LCD91, PB23, YTCS97]. **Compiling** [BZ99, Lee95, WMCU97, A⁺01a]. **complement** [DO88, XKL⁺22]. **complete**

[A⁺01b, CC95, CHH⁺01, LH04b, PRS⁺14, TT00]. **completeness** [KB20]. **completion** [KKU16, NYFK06, PHM⁺22, SSN⁺21, SPK18]. **complex**

[APRP97, AV15, BMS01a, Heg96, HGS10, IS18, LS93, Reu99, TO99, YR18].

complex-shaped [YR18]. **Complexity** [HBH⁺16, BKT91, CS95, ĀSR05, Dar00, DB03, Feo88, GK92, HJ05, LAS90, NMARD10, RG09, YXQ⁺21].

complexity-effective [RG09]. **compliant** [BK07]. **Component** [CGG01, BPP10, CDM06, DFRZ02, DAG⁺09, FMM⁺02, HSC12, HLP10, IKK15, Rob00].

component-based [DFRZ02, DAG⁺09, HSC12]. **Components** [BGL01, B⁺00, CCS⁺18, DK01, LDK16, NBB⁺02]. **composite** [Thu91].

composition [LDK16, OILZ17, SKN04].

compositional [CCH⁺21]. **compositions** [GS06]. **compounds** [BM01a].

Compressed [YPL12, BVWH14, GAR15, HA05, LB23, SMW⁺05]. **compressible** [CLL99, Ema10, HM01, Lan96b, OJ90, SB94a, TW19, TMD⁺97, YLCT18].

compression [AHL02, BTLK18, De 95, KNTG08, SS91a].

Comput [HE88, SVS02]. **Computation** [Tak18, AA24, AGO97, AHBLR12, ABH⁺10, BM09, BG02, BL93b, BFVRC14, Bro86, CM95, CR23, CARW91, CKM94, CCRR91, Cor99, CJ95, DS96, DVGG98, DM90, ES89c, Fis90, FP98, FPT91, FCM03, GL90, Got89, JTS⁺11, KT97, KK01, KKB92, LHK⁺96, Li90, MAB17, MS00, McC89, MP02, dTNOR⁺04, ORM⁺10, OA91, PAF⁺97, RLH19, RD07, RBS10, SOS97, SK91, SK19, SMK20, SHH⁺97, TTH95, TO99, TLC23, WC90, XT11, XXQ⁺15, YD97, ZM96].

Computational [Ano88b, BBDN21, CEM⁺99, HRW⁺95, Les00, Liu86, MLM⁺00, NRN00, R⁺00, She96, A⁺02, BA08, BMS01a, BG07, BR84, CDR⁺95, CdCM07, CW06, CL05, DM03, DGNP88, DST01, DNL15,

FGBN19, AKK16, Feo88, Gen84, GWC⁺99, GK92, GV06, GIF⁺10, GM04b, GH98, HBH⁺16, JMLBL98, MMT06, NLG99, PATC99, QWD⁺21a, QWD⁺21b, Sýk84, TW19, TKG97, WRB97, ZEGT04].

computational-graph [QWD⁺21a, QWD⁺21b]. **Computations** [AK89a, ZVWS88, APRP97, Bar95, BI07, BGR00, CNK93, CDC⁺87, CB09, EM90, GF89, GVH08, HSS07, Her00, HHR87, JS13, KCRB98, KD13, LBL95, Lan99, Lin08, Lip99b, ME93a, MRRP11, ND17, OSZ93, OZ02, PTGF20, PVK⁺22, RCAP11, SA13, SBZ04, SVTSM⁺22, Ste90, TS09, WL13b, WL14, Zom95]. **compute** [SB92b].

computed [SSS99]. **Computer** [Ano16k, IJCL96, AMP92, BHM⁺95, BJP⁺89, BCYB11, BJSN04, CCCP92, CCRR91, CMRT88, DD89, DSCP88, Dow95, Eck90, ETV91, EY90, EL90, FLS⁺21, Fre89, GR89, GF89, GK92, HH89, HKSK97, Han85, Hio96, Hoc87, Hoc89, HST87, HHSM88, IU87, IHM⁺12, Jeo91a, Jeo91b, KBBC88, KTN⁺14, KBD93, LQ92, mM94, MMSS22, MR89, MJ94, Maw99, MMS90, MSW91, ME92c, NMARD10, PJV00, PAD02, Rea90, RBS10, SW91, Sch91a, SHRN98, Sch87, Sho17, SB92a, SS92, Sug99, Tre85, Uka99, WN91, WBPM97, WZ90, SWSG92].

computer/array [Str87]. **computers** [AL93a, AO89, APG92, AAZ96, AL88, Bai88, BMS97, BE89, BE92, BE93b, BBQOQO00, BRRV11, Ber00, BP00, BFM90, BEK95b, BP86, BT88, Bru91, CF91, CDW95, CT88, CMM⁺88a, DL92, DDP90a, DDP90b, DS03, DR93, DLR94, Deá90, DJH05, DG15, EL16, ER89, GMBZ90, Gen84, GMF00, Ger98, GHH⁺03, Güs99, HISS92, Hat06, HW91, Hot89, Ken99, KC91, KSP97, KKŽ05, Koh95, KLS⁺88, Kuz98, LPM11, LR07, LPCA98, Lec89, LC02, LE91, Lop93, Mak94a, NS94, NM01, ND95, ORS90, Ort88, PG91, Par87a, PW84, Par87b, PZE94, PJW⁺22, Rap99, RS87, RV95, SK97a,

Sch91b, Ste88, SP93, Swa84, TS99, Wal94a, Wal94b, WLCG02, WS12, WAB89, Wri90, ZRPI89, ZM96, dV94, de 96, van86, van87b]. **Computing** [Ano87, Ano94, Ano15a, BAK09, BVC16, BVC19, BMYK98, Bis89, BDO17, CHR18, CP17, CBV13, DHS89, HK92a, Hor93a, KŠR04b, Lun98, NDW⁺19, RST11, RC17, TBM16a, WBD99a, AC00, AU88, AS00, ABMN02, AMMV98, BGWR21, BCPB05, BG01, BY21, BMCA98, BHK00, BJK⁺17, Blo03, BWL00, BDRV99, BH99, B⁺00, CIS99, CTS02, CS93, CLS⁺16, CD98, CCG⁺17, CLC08, CP18, CKRZ98, CHR00a, Cla03, CC99a, CMM03, CQ97, DDdS02, DT97, DST01, DF95a, DF95b, ESV10, EHF⁺97, FWL03, cFM07, FG01, FGP23, FMM10, GKT⁺15, GK03, GGV04, Ger15, GYL00, GHC04, Hac89, HP05, HP97, HK00, HP94, Hoc85a, HK06, HOSS91, HR04, HMH⁺13, JJM⁺11, KLR05, KH95, KCG08, Kog85, KG03, KNR00, Kon02, KKK⁺18, KS99, LLPV06, LTG23, LD99, LM03]. **computing** [Las02, LG01, LM00, LLFZ23, MD04, Man01a, MKL⁺01, MT97, MSZM14, MT00, MSK14, MTK03a, MTK03b, MSE95, MOW96, MSOCG⁺16, MHL06, NHS⁺95, ONB11, OGC⁺15, PY00, Pel97, PWY03, PCC19, QH19, RMRN05, Rob99, RBP⁺17, Sab97, SEAH⁺08, SÖB07, SVC07, SRK⁺21, SP94, SGS95, SR14, SS94a, SC03, ST21, SVC19, SBM⁺22, SHCR98, SDMS99, SDMS05, SMTT96, SGDM94, Sun97b, SG99, TKK⁺05, TLS⁺08, TND10, TAB⁺19, TF01, UZ02, VRL03, WL13a, WA03, Wan08, WFW⁺11, WJK98, WS12, W⁺99, YPG03, YCS07, YDTS01, YD07, ZLT19, Zen99, ZJD⁺23, ZYZ⁺16, Ano16k, BBD⁺12, Jou97, Ben24, MSS19]. **concatenated** [SMM90]. **concatenation** [ASH92, LyHW⁺22]. **concentrations** [POdd16]. **Concept** [Qua92, GRP22, PAD02, BDM99]. **Concepts** [Ale91, DHW97, EM88, Jor88, SAWH88, Tol02]. **conceptual** [IJCL96]. **Concurrency** [Ghe85, PSW18, Van90, WLK97]. **Concurrent** [DG95a, MAB17, ATT89, Arv92, BCRSR11, CDW95, DSS86, GW08, HISS92, JDH96, LOST16, MT89, PS84, SS94a, Son86, SGDM94, Wal94a, Wal94b, WW90, WCC⁺22, ZLJ93]. **condensation** [MV99, RV95]. **condensed** [ACH⁺18, DvdG92, WCKM11]. **Conditional** [Fu07, KLL⁺09, MJ95]. **conditions** [BP95, GW87, RW96, ÜD89]. **cone** [LPCA98, OIH10, SKH⁺12]. **cone-beam** [LPCA98, SKH⁺12]. **CONeP** [YNY⁺17]. **Conference** [Ano87, Ano88b, BH92, BR84, Ano18k, Ano15a]. **conferences** [Ano97]. **configurable** [GGL⁺05, ZSI02]. **configuration** [DHS89, Far96, HOSS91, KRN⁺11, KI05]. **configurations** [ADEQO19, CG93, JJAP⁺20, Wil85]. **confinement** [TTT⁺92]. **Conflict** [CL92, LY93]. **Conflict-free** [CL92, LY93]. **conflicting** [SG16]. **conflicts** [LX00]. **Congestion** [HP97, CDZ⁺21, TT00]. **congruent** [Box92, SLY90]. **congruential** [Mas98, MC04]. **Conjugate** [VJ12, BM90, CG89a, CGMM99, Dağ07, ETV91, EL90, EG94a, GZHX17, GV14, HGLR07, Kru97, Meu87, O'L87, RR89, Sea86, Str08, TGE92, van86]. **connected** [AAZ96, BV04, CC95, Che98a, CCS⁺18, HI92, Hor93a, HST87, HHH92, IKK15, Jeo91a, Jeo91b, MSS⁺05, Sch91a, Son92, WN91, YD01, ZM88b, Li94]. **connected-component** [IKK15]. **Connecting** [Sch88a]. **Connection** [DLPS92, McB88a, Sin90, AIO95, CHH⁺01, CGOP03, SS94b, BL94a, JK92, LSP92]. **connectionless** [GRBA15]. **connections** [WSB90]. **connectivity** [FJPA17, Ume01, WSB90]. **conquer** [Arb92, Bon91, ER95a, ER95b, GTD18, Gor97, HvNJB12, LPAZ97, LSF⁺15, Meh93, RM91, WP19]. **conservation** [DG05, GL90, TDG⁺18]. **conservative**

[BT01]. **conserving** [BTZ06].
considerations [EG90, JKH95].
considering [WLZ⁺23]. **consistencies** [LG03]. **consistency** [DPFT19, OGC⁺15, PWY03, RRA11].
consistency-based [OGC⁺15]. **consistent** [SSP⁺98]. **Constant** [Kim98, AIV98, BT99, Hee97, Mar92, OSZ93]. **Constant-time** [Kim98, OSZ93]. **constants** [BM93].
constrained [BP95, BHR09, BE93c, BDK96, CAS09, DM03, DFO93, ECLV12, KJA15, Kha12, KAM⁺20, MKK⁺19, NFG⁺13, QWD⁺21a, QWD⁺21b, QJ06, SWCBQ19, TTO⁺22, TSCS14]. **constraint** [Her00, Kon11]. **constraints** [BMP15, BGMT00, GO88, TNZM20, WL13b].
Constructing [CG93, CST02, Far96, Jeo91a, WTLW23].
Construction [EM87, Hio96, CRS88, Hwa02, KS07, KSS06, MGCB⁺10, YTCW07, ZGL⁺19].
consuming [DST15]. **consumption** [ACM⁺15, LLFZ23, RMS⁺18b, TYLL22, WC15]. **container** [BGM03, BCG00].
containment [SSLK00]. **Contention** [BHR09, GNY00, CGGG03, DSG17, HK90b, LCLA19, SS04, WCC⁺22, WH94].
contention-aware [LCLA19].
contention-based [WCC⁺22].
Contention-free [GNY00]. **Context** [LWW⁺21, BCVC05, CC96b, DR18, JC94, LGM09]. **context-free** [CC96b, JC94].
continuation [SWSG92]. **Continuations** [SSN⁺21]. **Continuous** [AAB⁺16, SVS01, SVS02, ZSI02, ALNT04, Beb97, GM98, RBL97]. **continuous-time** [Beb97]. **continuum** [SG16].
continuum-Lagrangian [SG16]. **contour** [ALH⁺14, PS89b, SPW⁺15, YTSI13].
contraction [AED21, BM93, Rag97].
Contractive [BM93]. **Contribution** [FP98, CMP92]. **Control** [Tre85, Ala89, Amm89, ABH⁺10, CDZ⁺21, DCG90, FJS85, GE11, HP97, KR10, MPJ03, PSF⁺15, Qua92, Tap84a, WLK97, Wor97, Wri90].
Control-driven [Tre85]. **controlled** [CZJS12, OKF16, PY00]. **Controller** [HHGA15]. **Controlling** [BBDN21, DP95, MCB16]. **convection** [CEM⁺99, CKLM14, FB19, GG10, LPMD01].
convection-diffusion [LPMD01].
conventional [CIO⁺17]. **Convergence** [BP93, DW99, ESK88, UD89]. **conversion** [BF92, FCC16, Gol86, HA14, SLS⁺21].
convex [CC02a, CLHL23, DZD01, El 93, EM85, HI92, LSS05, SE87, Xue96, ZM88a, WSL88].
Convey [BNK15]. **convolution** [AFK01, EG94b, JHD⁺22, ZSH97].
convolutional [LXL⁺22]. **convolvers** [Ume89]. **Cooley** [JK92]. **cooperating** [LL90]. **cooperation** [Jia09]. **cooperative** [GM03, LH04a, MMT06, RB14, RR07, TCT00, TCS04]. **cooperativity** [Yan04].
Coordinate [BDOS95, BBL⁺16, DRST03, NC97].
coordinate-based [BBL⁺16]. **coordinated** [LSC⁺15]. **Coordination** [ACH98, WCKM11, Cv98, DF98, EK98, PY00].
coordination-based [Cv98]. **coprocessor** [HXW⁺13]. **coprocessors** [GVH08].
CORDIC [BAZ93]. **core** [AGL08, AAV08, ABB⁺16, BJ18, BNS⁺07, BB21, CFF17, CU04, ÇFG⁺12, CLA15, CJLS14, CDGI15, CN98, CKS03, CIO⁺17, DTR18, DEH⁺11, DHW97, DFH⁺13, FD18, AKK16, Ger15, GB14, JHD⁺22, JJM⁺11, KCRB98, KD10, LSY⁺24, LXC⁺18, LXL⁺22, MMP⁺21, NMAB19, PB11, PTS⁺12, RGT17, SBP12, SA13, SWCBQ19, SFSV13, SPW⁺15, TYLL22, VJ11, VA14, WZS⁺14, WYX⁺22, WY11, WPS⁺08, ZJD⁺23].
core-level [TYLL22]. **CoreLib** [WPS⁺08].
cores [GIF⁺10, JMA⁺13, MPZS13, SC19].
corner [Wan09]. **coroutine** [WH22].
correction [HWL⁺22]. **corrections** [BMP15]. **Correctness** [DFP⁺19, vS92].
corrector [RM97]. **correlated**

[Ber00, Lin08]. **Correlation** [JNC⁺19, CYDJ21, CCRR91, Cor99, DLPS92, GICM18]. **correlations** [DP95, dP90b]. **Corrigendum** [ZK92]. **cortical** [YMJT10]. **Cost** [LSC⁺15, SLH⁺13b, ATA⁺16, BG97, BR99, CLY⁺19, Che08, CC97b, CC00c, CWDG07, CJ95, DHS00, FIMF99, HBH⁺16, KV99, LLW⁺15, LC90, LO92, LC99a, LWW⁺21, Mar92, SA16, SSL03, SB92b, YNY⁺17]. **cost-effective** [CWDG07, YNY⁺17]. **Cost-efficient** [LSC⁺15, SLH⁺13b]. **cost-optimal** [LLW⁺15, LC90, LO92, SB92b]. **cost-rejection** [CLY⁺19]. **costs** [Gre89, LFS⁺19, MMP⁺21, NDN20, TN13]. **Couillard** [MAFC14]. **count** [SWR⁺13]. **counteract** [KP96]. **counters** [IZS⁺20]. **counting** [Bev89, Kim90, Ski02]. **coupled** [CC99b, Eva90, FBMV88, Gro87, HSS07, PL00, Qui88, Wat00, WE91b]. **coupled-cluster** [PL00, Wat00]. **Coupling** [GIF⁺10, Wei01, TL96]. **covariance** [GGFF93]. **Cover** [Ano02f, SL90a]. **coverage** [ZSI02]. **CP** [A⁺99, KKU16, NNB⁺99, Uka99]. **CP-PACS** [A⁺99, Uka99, NNB⁺99]. **CPMD** [AC00, HC05]. **CPU** [BEK⁺11, CTW14, CKLM14, FLYL21, FHK⁺11, FHK⁺15, GK19, HM02, Hoc85b, LLW⁺15, LFL11, LGD⁺15, SPW⁺15, TPK⁺13, WZCG14, YWP11]. **CPU/GPU** [ADEQO19, GK19]. **CPUs** [KD10, Nag88, SFSV13]. **Crank** [ZL94]. **CRAY** [Hoc85b, ARW93, Cal85, DCG90, DD87, DH91, EO91, FSY88, Gur88, HL88, HKN89, Meu87, MSW91, Nag88, Nag90, Pin91, SW91, Tem88, Tem89, But92, CC96a, GYL00, HEB96, KN88, KLN90, OL86, Oed92, Sea86, WLN⁺96, ZCPT00]. **CRAY-1** [Tem88, Tem89]. **CRAY-1M** [HL88]. **CRAY-2** [DCG90, DD87, FSY88, But92, KN88]. **CRAY-X** [HL88]. **CRAY-X/MP** [HL88].

credit [PSF⁺15]. **credit-based** [PSF⁺15]. **critical** [Kha12]. **Criticality** [NB12]. **critique** [Yue97]. **cross** [GSC⁺22]. **cross-platform** [GSC⁺22]. **crossbar** [AB93, Qua92]. **crossed** [EBSS94]. **cryptanalytic** [OK22]. **cryptography** [SBZ04]. **cryptosystems** [BF06]. **Crystal** [LHZ⁺22, Kam87]. **Crystals** [LHZ⁺20]. **CS** [BCM94, BHM94, DTV21, Hoc94]. **CS-2** [BHM94, Hoc94, BCM94]. **CSD** [HL99]. **CT** [FA11, SKH⁺12]. **Cube** [GS04, Bro88a, EBSS94, Hor93a, HWYL89, LC17, LH00, PMAL14, RBB⁺22, Tak06, Li94]. **cube-connected** [Hor93a, Li94]. **cube-shaped** [PMAL14]. **cube-type** [Tak06]. **cubes** [CCP98, HC04, HCTH05, MLX07, YTCS95, LH04b]. **CUDA** [DS13, DR18, DWL⁺12, GScFM13, HVA⁺16, HLP10, KD13, NSM23, OKTR13, OIH10, PVK⁺22, PRS⁺14, SBM⁺22, YA24, YMYH24]. **CUDA-Aware** [HVA⁺16, PVK⁺22]. **CUDA-enabled** [DS13]. **CUDA-sharing** [PRS⁺14]. **CUDA-to-OpenCL** [GScFM13]. **cumulants** [MS00]. **Current** [FK94, DDdSL02]. **curve** [CARW91]. **curves** [Ban97, GZ99, Kon11]. **curvilinear** [NC97]. **curvilinear-coordinate** [NC97]. **custom** [LC17, JNC⁺19]. **Cut** [FC18, Ral03, ZG16]. **Cut-off** [FC18]. **Cuts** [MBC97]. **cutting** [HAK⁺21]. **Cyber** [LN87, PGGP19, HL88, Riz85, Won88]. **cyber-physical** [PGGP19]. **CYBERPLUS** [KRW88]. **cycle** [CC92, CKM93, Fu03, Hsi06, RS92, YX07]. **cycles** [AFJG06, KF95, KL00, Li94]. **Cyclic** [CTZ⁺18, Fie96, AM93, BE93b, Chr00b, EW93, GS89, Hwa02, Hwa04, KS91a, LC02, NHS⁺95, Sch91b, SWSG92]. **cylinders** [KT97]. **cylindrical** [MO89].

D [AAS13, AW13, CYDJ21, Cap88, EK98, GV01, HKL01, RVGG01, SSS99, Tak03, VvBv90, WSR14, AA24, AW13, BSE88,

BFG⁺⁰⁷, BCMG⁺⁰⁷, Bri95, BAS13, CDM06, CM95, Chr98, DZD01, EGTD99, FMS⁺⁰⁶, GJS93a, HSS07, HB84, JHD⁺²², KT97, KTN⁺¹⁴, KD13, KYLH01, Lee97, LCLL00, LPMD01, MW94, MM96b, MDC⁺⁰⁸, OCE⁺⁰⁷, RVGG01, SHPA05, SA16, SC19, TKG97, TT00, TA14, Wan09, WTLW23, YR18, YL86, ZLM98]. **D/** [RVGG01]. **DACCOSIM** [DTV21]. **DAG** [BBD⁺¹², LKHL03, YZB⁺²³]. **DAGs** [Ara03]. **DAGuE** [BBD⁺¹²]. **damaging** [FC05]. **dance** [WBPM97]. **DAP** [AMP92, BP89, Car88b, Dav88, EL91, LL88, PR90, Wai88, WC90]. **DAP510** [EG92a]. **DAPSYS** [HKK97b]. **DaSH** [GSE⁺¹⁵]. **Data** [ACMT20, A⁺⁰², AZ98, ABG⁺⁰³, CHLS90, CSH⁺¹¹, FAS02, FMD98, FTY⁺²⁰, HS03, KA19, KP93, KS95, LK14, LR07, MV17, Mv88, NDW⁺¹⁹, NOG⁺²², NZ92, OW97, RM97, RW98, RZ95, ROZ01, RC17, RH12, SS89a, TPK⁺¹⁴, Van90, WXL⁺¹⁸, ZPAT99, ZM96, AL93a, ABB⁺¹⁶, ATA⁺¹⁶, ANG⁺²⁰, AKSS07, AFT23, AGK98, BSH88, BG91a, BKS06, BF95, BEDdC16, BD18, B⁺⁰², BM02, BDOS95, BETR17, BDK06, BGR00, BCMSW03, BCMSW04, BJV⁺¹⁶, CTS02, CH98, CFS01, CWK09, CZJS12, CS19, CDK⁺⁰³, CC16, C^{+01b}, CRD02, ĀSR05, CMM03, CV02, CDA⁺¹⁶, DGNP88, De 95, DR93, Dec00, DF00, DAD11, DMG⁺⁰⁴, EG95, Evr01, EG90, GWLS05, GWC⁺⁹⁹, GMMT16, GM04a, GM04b, GLD08, GSC⁺²², Haa98, HLvHA11, HMTX93, HCJ03, HCR01, Hwa04, IOH05, IYV⁺²², KMB⁺¹⁸, KN88, Kan93]. **data** [Kan97, KMLM97, Kas85, KY98, KG21, LLP00, LyHW⁺²², LC89, LWJ⁺¹⁷, Mah96, MSE19, MJ94, MIA⁺⁰⁷, MC09, MMM13, MQ97, MS20, BHB21, NL98, NJ02, NMI⁺²⁴, ONOK13, PGGP19, PM03, PVBR23, PFTB15, PB16, PS91, RBB⁺²², Ran97, SNK06, SB94a, SSH97, SSS99, SC03, STE23, SV97, SPMB23, SSN04, TS02, Thu92, TS09, Tre85, TL96, THK⁺⁹⁹, Vio04, WYX⁺²², WJK98, WCM⁺¹⁴, WE97, WE91b, WLK⁺¹⁸, XLS⁺¹⁷, Y⁺⁰², YZWcF14, YEC97, YM05, ZLD15, ZJDW18, ZCT⁺²⁰, ZGL⁺¹⁹, BCC^{+97b}, MAFC14]. **data-centric** [IYV⁺²²]. **data-dependence** [NMI⁺²⁴]. **data-dependent** [BM02]. **data-driven** [Evr01, MSE19, Tre85, ZLD15]. **data-flow** [EG95, EG90, MAFC14]. **Data-Intensive** [RC17, ANG⁺²⁰, TS02]. **data-localization** [KY98]. **data-oriented** [PB16]. **Data-parallel** [FMD98, HS03, RW98, ZPAT99, ADEQO19, BDOS95, MIA⁺⁰⁷, SB94a, SV97, ZGL⁺¹⁹]. **Data-structure** [BCC^{+97b}]. **Data-task** [ROZ01]. **database** [Bak00, BF95, BV96, MC09, NS02, Reu99, SCM⁺⁹⁸, SJJ85, TDW⁺⁰⁴, ZHC⁺²³]. **databases** [LTS⁺²⁴, PRW88, PWM00]. **DataCutter** [B⁺⁰¹]. **DataExchange** [EPS98]. **dataflow** [ACM20, GSE⁺¹⁵, Gao90, HSC12, MMTU18, NLG99, OKSY92, RKS92, TB22, WMCU97, WvR16]. **dataflow-graph** [RKS92]. **DataFrame** [GSC⁺²²]. **DataFrame-based** [GSC⁺²²]. **datagrams** [GRBA15]. **dataparallel** [OJ90]. **datarepresentation** [SJJ85]. **dataset** [LyHW⁺²²]. **datasets** [B⁺⁰¹, LMC05, NR20, SMW⁺⁰⁵]. **datatypes** [CAHT17]. **DBT** [DZ90]. **DBT-Transformed** [DZ90]. **DC** [XZYQ21]. **DDM** [BDK06]. **DDS** [LLFZ23, WL13b]. **DDS-based** [LLFZ23]. **deadlines** [Ver99]. **Deadlock** [Fei91, Ann89, LSY⁺²⁴, LWZL24, WL13b]. **deadlock-free** [LSY⁺²⁴]. **deadlocks** [Ara03, WLYJ13]. **Debugging** [KGV97, CSH⁺¹¹, KCD⁺⁹⁷, RGdS⁺¹³, WOKH96]. **DEC** [KW90]. **December** [Ano19a, Ano20c, Ano21b, Ano22a]. **decentralized** [AGGG06, LMG09, MTV08, TTK⁺⁰⁵, Yua94]. **decimal** [Tak10]. **decision** [GE11, KNR00, QP16]. **decision-making** [KNR00]. **decision-trees** [QP16]. **declustered** [SSH97]. **decoding**

[ARCH05, AFS14, De 95]. **decomposable** [NDN20, TN13]. **decomposed** [EEH⁺19]. **decomposition** [AC94b, AHW14, AIV95, AW13, BG91a, BMP15, BO91, BZ96, Bis89, BM01b, BFR93, CS95, CUSR88, CMV⁺06, DBVS01, GK03, GHP10, GK92, GW87, HJ97a, HP94, HJ97c, HZ93, HK06, HSFS14, IR93, IR00, KS91a, KN09, Kon11, KC93b, Kon02, MW11, NZ97, PAF⁺97, SMC16, SG16, SB92a, TOO20, Ter13, TRSC⁺19, WE94, WA03, Wri91, WTLW23, YPL12, YLCT18]. **decompositions** [CC97a, FRC⁺95, Ste94]. **decoupled** [Evr01, RG09]. **Decoupling** [SE93]. **dedicated** [ABMT99, DFR92, GGA19, GW08, LSY⁺24, RSC⁺19, Sug99]. **Deep** [DZLK20, AMC⁺19, CDZ⁺21, DBZ⁺19, GZH⁺23, JAH⁺18, KLP11, LWW⁺21]. **Defeasible** [WBD99b, WBD99a]. **defect** [MPJ03]. **defined** [KYS23]. **definite** [HRR02, NYFK06, ZVWS88]. **definiteness** [EV89]. **definitions** [Kut85]. **deflection** [AFY⁺16]. **deformable** [SHPA05]. **degradable** [WWL⁺22]. **Degree** [VTmL03, BT99, BDK96, LAS90]. **degree-constrained** [BDK96]. **Delaunay** [FCC16, KKŽ05, NR20]. **delay** [CC92, SAOKM01, WLZ⁺23]. **delayed** [BLT⁺22]. **delays** [BDK98, BP93, BP95, DT96, GMS04, HK02a, MS99b, Mun99, VLL90, Ver99, YG93]. **deleting** [KC93b]. **Delft** [de 87]. **delivery** [CGGG03]. **Delta** [HC92a, Pir96]. **demand** [CS97b, JSC97, SWR⁺13, Tre85]. **demand-driven** [Tre85]. **demography** [MSOCG⁺16]. **Dempster** [WH93]. **Dempster-Shafer** [WH93]. **Denelcor** [DH84, HLM84, Hir86]. **Dense** [BLRR02, RRS88, ASA16, BBB⁺14, BP90, CTW14, CG89b, CTT89, CIO⁺17, DGP⁺16, EB98, FKK⁺06, Kal92, KMB⁺18, Kuz98, LR07, MS03a, Mal02, MRBQO14, Mel87, ONOK13, SZS22, TDB10]. **densely** [MHE19]. **density** [ARCH05, MCM01, NHS⁺95, PTGF20, WYBdJ⁺21]. **dependence** [AZ98, CDRV97, JCE96, LC89, NMI⁺24]. **dependencies** [Bra88, BCR00, GF13]. **dependency** [LKHL03, MT91, MT95, Man01b]. **dependent** [BM02, RSK99, SMW⁺05, WLYJ13]. **deployed** [ZS21]. **deployment** [BK07, NOG⁺22]. **depot** [BCG00]. **depth** [SSS99]. **Derivation** [DQRR00, WL14, Cv98]. **derivatives** [LM00]. **derived** [BOS⁺09, CAHT17, FF21]. **Deriving** [vCd90, Tyr90]. **descent** [BG02, KL90b, MA22]. **describing** [Zla88]. **description** [BEK95b, CR90, DFRR91]. **descriptions** [SBP12]. **Design** [BCPB05, BAZ93, BGRD00, CCH⁺21, DFM⁺95, FD18, GM98, GV08, LGD⁺15, MGT⁺13, MS20, SKY93, SCM⁺98, SR10, VGRS16, ZGZS20, AB02, BAMK07, BHM94, Cv98, CLHL23, DAA94, Eva89, Eva92, EG90, FSCL06, FWL03, GGA19, GLP98, Gor97, GVH08, GM89, HRW⁺95, Kas85, LT94, LC17, ML00, MGCB⁺10, MCC04, ME90b, MAS06, NOG⁺22, PSF⁺15, RBB⁺22, RG09, RSC⁺19, SSD⁺94, SS91b, TL90, UN87, Ume89, Wal94a, Wal94b, BWL00]. **design-pattern** [MAS06]. **Design-time** [CCH⁺21]. **designed** [CCG⁺17, CTA22]. **Designing** [MTV08, PP98, KJA05, Lin01, ZLJ93]. **Designs** [HVA⁺16, ALD01, EMB89, EM90, ME90a, MBC92]. **desktop** [CdCM07]. **detach** [PHM⁺22]. **detail** [SSV⁺16]. **detailed** [Wei91]. **detect** [DPFT19]. **detecting** [ZLJ93]. **detection** [Arv92, BJSN04, BNK15, CCS⁺18, CRD02, DIR97, DCN⁺15, Fei91, GGH⁺22, GGL99, GF13, HISS92, LHS13, LSA⁺95, LHK15, MMTU18, MSE93, SPW⁺15, TDW03, WL13b, XXQ⁺15, ZY16]. **detection-based** [WL13b]. **Determination**

[Bra88, Ban97, GM04a, GM04b, KSS06]. **determine** [MFGEL17]. **determining** [BFY06, BW92]. **determinism** [vS92]. **deterministic** [CCP98, KJA05]. **Deutschland** [SK97a]. **Deutschland-Modell** [SK97a]. **Developing** [AMMV98, BSH88, PRR03, CSH⁺11, DS87, Kas84, SN88]. **Development** [Oya99, WWR05, WH91, CLC08, Gil88, JKH95, KCD⁺97, MMP⁺21, OKSY92, SEAH⁺08, Sho17, YCS07, Ano87, R⁺00]. **Developments** [DvdV99]. **device** [LS90, MW94]. **devices** [DWH⁺08, LK10, PZE94, YZB⁺23, ZJDW18]. **DF** [GSC⁺22]. **DGST** [ZGL⁺19]. **diagnosable** [Cho92]. **diagnosing** [GWWM09]. **diagnosis** [BAR98, Don05, Li90, SYAU07, TJ97]. **diagnostic** [BS97, BMYK98, CDDG93, GGFF93]. **diagonal** [DS05, KGS08, PG91, Sun95, YD97, Zha91]. **diagonalisation** [RH99, TY91a]. **diagonalization** [VP94]. **diagonalizing** [KG87]. **diagonals** [SM87]. **diagram** [Jeo91a, Jeo91b]. **diagrams** [ES89c]. **dial** [ACGL04]. **dial-a-ride** [ACGL04]. **dialects** [CWB92]. **dialkyl** [STKA96]. **diameter** [GDMS97]. **diatomic** [MT97]. **Dichotomy** [Ter10]. **dictionary** [DG90]. **difference** [EL90, GF89, MWI⁺15, MSW98, Ram07, She96, Thu90, Thu91, WME⁺95, Won88]. **different** [DF00, JCC⁺24, NAC⁺14, VRGÁ15]. **Differential** [SKN04, AAHF97, BP02, CLS93, EM87, GR89, Gol88, GW87, HM89a, HK92b, MQ89, RSSS94, RMS⁺18b, SHPA05, SN88, SS88, DST15]. **differentiation** [CDGM96, Fis90, HM01]. **diffusion** [BCMSW03, BCMSW04, CKLM14, FBMV88, HSR⁺14, HSS07, Hor93b, HB99, LRH97, LPMD01, MD88, MMS09, Wei97]. **digit** [SB94b, Tak18]. **digit-reversal** [SB94b]. **digital** [CYDJ21, EG94b, EA95, PS89b, Wel89, WS98, Y⁺02]. **digits** [Tak10]. **Dimemas** [LGC97]. **Dimension** [HT98, CCRR91, Cor99]. **Dimension-exchange** [HT98]. **dimensional** [AL93b, AIIV98, Bas94, BE87, B⁺02, BP86, CFMM97, CC00a, CCW01, DE09, DG99, DDF⁺10, EM85, EJLC00, Far94, GGL21, Hee97, HHJP16, HF20, JWS13, KR97, LPCA98, LS92, MM96a, MSA09, MCM01, OJ90, PSW18, QCC02, Ram07, RSK99, Sim91, SBO⁺91, Tro00, WBS06, YB11]. **dimensions** [Eva91, GHW08]. **dimeric** [PB98]. **diodes** [SAWH88]. **dioxide** [PODd16]. **Dirac** [RSK99]. **direct** [ADPV03, Bjø87, CL02, EW93, GW95, GZTR07, HRR02, PGGL17, PER17, RW98, SZS22, VKS⁺15, Zam99]. **direct-neighbour** [Zam99]. **directed** [MQ97, SCD92]. **Direction** [CC01]. **directions** [FK94, UAR⁺99]. **directive** [GHH⁺03, HST05, KKHY06b]. **directive-based** [GHH⁺03, HST05]. **directives** [BC19b, CLZ01, GB14, VGS14]. **directory** [HK02b]. **disaggregation** [Beb97]. **discontinuous** [HBC19]. **discovering** [MMO07]. **Discovery** [BDO17, AED21, BOG15, CRGR⁺13, CC16, LLFZ23, TKK⁺05, WCM⁺14, YBM05]. **discrepancy** [Lec89]. **discrete** [BAK09, CLS93, DF98, EK92, GJMMS97, Mil01, Not95, PM89, Wri90, CT94, YR18]. **discrete-time** [CLS93, Wri90]. **discretization** [BP02]. **Discretizations** [ABB⁺21, Lep99]. **DISCS** [RC14]. **DISCS-2013** [RC14]. **disjoint** [GS04, KSP97, SHCD00, Tou02]. **disk** [AGL08, CH97, CN98, MQ97, San02, SSH97]. **disk-directed** [MQ97]. **disks** [BGV97, DBZ⁺19, TTH05]. **dispatch** [RG09]. **dispersed** [NC02]. **displacement** [YLCT18]. **displays** [CKS03, CWDG07, LBH07]. **dissection** [Con90]. **distance** [BL93b, CR23, CC95,

DCY⁺22, ER95a, ER95b, FIMF99, GS04, HCR01, LHK⁺96, ST02].

distance-insensitive [ST02]. **distant** [BCVC05]. **Distributed**

[ABGC⁺14, BP95, B⁺01, CJLS14, DHL07, DIR97, GS10, HKK97a, HKK97b, HCJ03, HK90a, HC92b, ISH03, JON08, KYS23, Pap98, RCAP11, SSBT19, Tol02, TDW03, WE97, ABGR21, AGH⁺94, AJ95, AC89, ARZ97, AKSS07, AFT23, AKK99, A⁺01a, ADMV05, AB16, BBB⁺14, BG91a, Bai88, BEY00, BGWW97, BKS06, BZ96, BCA08, BY21, BAR98, BZ99, BGP⁺97, Bev89, BP00, B⁺02, Bis89, BSK03, BSB⁺22, BVWH14, BÁJG⁺20, BBD⁺12, BE97, BDK06, BCS15, Bro89, Bru91, BBB19, CMT04a, CE94, Cal96, CS00, CS93, CPdM⁺97, CKRZ98, CTZ⁺18, CPR⁺18, CSH⁺11, CDW95, CL05, CBP⁺07, CSW01, CB09, CRT89, CJ95, DDdS02, DDdSL02, DD89, DL92, DR94, DR93, DLR94, DvdG92, DUG⁺06, DZG94, EZ99, EPS98, Ekl04, ES06, FFLV96, Fie96, FBAB13, FMM10, GKS07, GZH⁺23, GE11].

distributed

[GLG06, GPC88, GGH⁺22, GD90, GMF00, GHH⁺03, Gs99, Hey91, Hil92, HJ97c, HMH⁺13, IOH05, IT08, IKK15, IHM⁺12, JLY18, JIC96, Kan97, KJA15, KG03, KA96, Kuz98, LPM11, Lee95, LC02, LH88, LWG06, LLD19, LSL02, LLFZ23, LS93, LGMdRA⁺19, LF00, LMKH97, MMC97, MM00, MCC04, MW11, MW94, MHH97, MBC97, MOF04, ME92c, NOS92, NA08, ORM⁺10, OIK21, PY00, PLY02, PK05, PRW88, RBB⁺22, RMRN05, RGBCS09, Rot95, RV95, RBL97, Sab97, SYAU07, SAOKZ06, SSKÇ15, SNK06, SK97a, SBM⁺98, Sch88b, SS94a, SSP⁺98, SC03, SS01, SB95, Sol88, Son92, Son94, SB92a, Sun97a, SW03, SG99, TX00, TS88, TMCC02, TB07, Tr95, Tr18, Van02, VV07, WW95, Wal94a, Wal94b, WC94, WZL09, WYT⁺16, WWZ⁺18, WME⁺95, WHW⁺11, Wil88, WvR16, WP19, YX07, YPG03, YHL⁺24].

distributed

[YHZ21, YLT⁺23, YSBM97, ZLT19, ZM88a, ZEC⁺17, ZGL⁺19, dGR95, di 97].

distributed-heterogeneous [BCS15].

Distributed-memory

[Tol02, ABGR21, AB16, BZ99, CTZ⁺18, CPR⁺18, CJ95, FFLV96, Fie96, FBAB13, GGH⁺22, GD90, IKK15, LF00, MW94, Rot95, SNK06, Sun97a, Wil88].

distributed-shared [ADMV05].

Distributed-sum [TDW03].

distributed-termination [Son92].

distributing [TY91b]. **Distribution**

[PMMAM10, BV04, CAA98, CGM05, DTV21, GWC⁺99, Haa98, HT98, Hwa04, LR07, LC02, PB16]. **distributions**

[RvG05, RZ95]. **disturbed** [MMS09].

Divide

[Arb92, Bon91, Meh93, RM91, ER95a, ER95b, GTD18, Gor97, HvNJB12, LPAZ97, LSF⁺15].

Divide-and-conquer [RM91, ER95a, ER95b, Gor97, HvNJB12, LSF⁺15].

Divisible

[BDM99, BLR03, BD10, BD95, DG99].

division [NSF⁺22]. **DLP** [HXW⁺13].

DMR [IMQO⁺18, XXQ⁺15]. **DNA**

[BMCA98, TS09]. **DNAm1** [CDZ⁺98].

DNNs [QWD⁺21a, QWD⁺21b]. **DNS**

[KRS⁺21, Xu07]. **DOACROSS** [LK00].

docking [SVTSM⁺22, VBS⁺15]. **document**

[PW87]. **dog** [LK14]. **Domain**

[CMV⁺06, DRST03, GW87, Hat06, YLCT18, AIV95, AW13, BG91a, BMP15, BZ96, BCS15, CC97a, CS95, DWB99, EEH⁺19, FRC⁺95, GHP10, HAK⁺21, HJ97a, HJ97c, HZ93, HSFS14, Kon11, PAF⁺97, PRV87, Ram07, SMC16, SGP22, Ter13, WA03, WAT20].

domains [LSS88, RSSS94]. **dominance**

[Kim90]. **dominant** [Sun95, Zha91].

dominated [GG10]. **dominating** [GHC04].

dominating-set [GHC04]. **dominators**

[Hor93a]. **Doppler** [TB03].

Doppler-bearing [TB03]. **dot** [YORO08].

DotDFS [PGG11]. **double**

[BE92, LE91, SNO99, WRS12].
double-bordering [LE91].
double-precision [WRS12]. **doubling** [RBB17]. **downdating** [BHM⁺95, YK08].
Downloading [PS91]. **drawing** [ME92b].
drift [BP95]. **driven** [Evr01, FSG19, JMA⁺13, KRN⁺11, Lin93, MSE19, MBK12, Tre85, WRS12, ZLD15, dNdRRL⁺21].
drives [XCR17]. **Driving** [LBH07]. **drug** [PB98]. **DSDADI** [LRH97]. **DSM** [KKH04, Lef97]. **DSP** [KG03]. **Dual** [DK04, HC05, NYFK06]. **Dual-level** [DK04, HC05]. **DuctTeip** [ZLT19]. **Dunn** [BHB21]. **Duplicate** [TFS91]. **duplication** [Ara03, HK02a, KK03, Man01b].
duplications [LC89]. **during** [CRD02, FC05]. **DVFS** [GIRT19, TYLL22].
DVFS-aware [GIRT19]. **DynaGrid** [BK07]. **Dynamic** [BM11, BFL⁺01, BOV02, CJLS14, DWH⁺08, ECG93, EB93, HL97, Han85, KS05, Koh95, KAM⁺20, LHS13, LOST16, TRSC⁺19, AC03, ACGL04, ASH92, BM01a, BCPB05, BGG⁺99, BO03, BNS⁺07, BSK03, Bog92, BDK06, BK07, CLS93, CZTS99, CRGR⁺13, CC97a, CCJ90, CF04, CNK93, CGM05, DCG90, DHL07, DIR97, EG95, FKPB15, FG96, GLS01, GGA19, HM02, Hor93b, HB99, JSC97, JDH96, KK11, LPNV20, LZCT15, LP92, MSMC15a, MMO07, MCP⁺14, M⁺00, MAD⁺16, NC97, OKF16, OBG00, OID⁺12, PAG⁺05, PSF⁺15, RCAP11, RMACG10, RGBCS09, RR14, SG02a, SSLK00, SYY⁺22, TSJB00, TE92, VR95, WYT⁺16, Wol89, WH94, ZCPT00].
dynamical [GLS99, KLN90]. **dynamically** [Kao08, PCLM18, SSS99, ZSI02].
Dynamicity [VV07]. **Dynamics** [ER18, AFPG12, BL94a, BCA08, FP98, Gen84, GCC19, GIF⁺10, GVH08, HC05, Kas84, Ken90, KHN01, LBL95, LVC16, LBWR90, LHZ⁺20, LR89, MSOCG⁺16, MO99, NC97, N⁺00, PJV00, SKE⁺22, SSS92, STKA96, TJJ93, XRW⁺19, Zom95].
E2SC [AMN16]. **ear** [IR93]. **Early** [CC99b, CH97, XH96, HHK⁺19, Oed92].
earth [AC03, ABG⁺03, SCM⁺98, Sod02, CFN03, HUYK04, IUY⁺04, Nak05, Sat04, SZ04, YS04]. **EARTH-MANNA** [Sod02].
Earthquake [BKL⁺19, WHL19, BKS19, BBL⁺19, HZY⁺19, LYC⁺19]. **earthquakes** [FC05]. **ease** [TKI85]. **easily** [Cho92].
easily-diagnosable [Cho92]. **easy** [GHS02, MK97]. **easy-to-use** [MK97].
echocardiography [CDM06]. **ECMWF** [Kau94, GJS93b]. **economics** [KNR00].
Eddy [WH15, SML⁺14]. **Eden** [HHOMR06].
edge [HC04, HWW92, MLX07, MDC⁺08, Rag97, TT00, YZB⁺23, ZG16].
edge-fault-tolerant [MLX07].
edge-preserving [MDC⁺08]. **Edges** [Tou02, Far94, Hsi06, KRS⁺21, LS97].
Edges-disjoint [Tou02]. **edit** [DCY⁺22].
Editor [RC14, SYP13, GT19, VBC19].
Editorial [AMN16, Ano18e, Ano18f, Ben24, DF95a, Hol10, Hol17, Jou02, Jou04, KP12, KC06, MV11, MS23, RST05, PS20, SAGV21, TS02, UZ02, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano06, Ano09b, Ano10b, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g].
Editorial [Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano18a, Ano18b, Ano18c, Ano18d, Ano18g, Ano18h, Ano18i, Ano18j, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i,

Ano19j, Ano19k, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano22g, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano24a, Ano24b, Ano24c]. **Editors** [BH14]. **Edwards** [RW96]. **EEGs** [EG92a]. **EF5** [OWW16]. **Effect** [AB93, Man01b, HEB96, LFS⁺19, Wor92, YMG14]. **effective** [BC19b, CWDG07, EJLC00, HC94, JH97, RG09, YNY⁺17]. **effectiveness** [PB23, SC92]. **Effectivity** [Str87]. **Effects** [Axe86, MCB16, MBC97, PW89]. **efficacy** [CBP⁺07, GScFM13]. **efficiencies** [DZM⁺13, FRC⁺95]. **Efficiency** [Bro89, AQO18, CHZ⁺19, CBP⁺07, CMM⁺88a, FLW87, FLYL21, GIRT19, HZ93, KKK⁺18, LT19, LS93, Ori10, Par86, SP93, SYY⁺22, ZCT⁺20, tV96]. **Efficient** [ABB⁺21, AAS13, AAB⁺06, ADTV01, BO91, BFVRC14, CAS09, CS93, CC00c, CRR91, DCY⁺22, DFM99, ED04, FK98, FCZY17, FCS⁺19, GL99, HT00, HA05, Hee97, HXW⁺13, IR93, JW09, JC94, JWS13, KD13, Lan99, ML23, Mar14, MKK03, MS04b, MSW98, MNP93, MO99, NSM23, OV06, PJW⁺22, RR07, RGBC11, RSC⁺19, SCCPM14, SMT⁺04, SV94, SHH⁺97, SR97, TNZM20, TPK⁺13, YK06, YD01, ZGL⁺19, ZM88b, Ale91, AAS20, AK89b, ABMN02, AFY⁺16, AG00, BBB⁺14, BFG⁺07, Ber89, Bev89, BSD11, CGG01, CC02b, CF91, CC95, Che98a, CST02, CS19, CP08, CNK93, CG89a, CT88, CGM⁺92, DBZ⁺19, DWS⁺23, EAR93, EL95, FLW86, FSCL06, FWL03, FMA17, FLYL16, FG89, FA11, FBG⁺12, GLG06, GG10, GHS02, GM07, GS96, HW02, HRR08a, HCL05, HGM20, HKR⁺10, Hwa04, IB01, KK01]. **efficient** [KA19, KC97, LMJC96, LSC⁺15, LCLA19, LWJ⁺17, MCY⁺24, MS98, MGCB⁺10, MSMC15b, MMT07, MMP⁺21, MS20, NOS92, Not95, OW91, PLY02, PRS⁺14, RH99, RBM⁺16, Sab97, SKN04, SOH94, SM91, SWCBQ19, SP97, She95, SWYM17, SLG⁺22, SGP22, SLH⁺13b, TKC⁺14, TX00, WYX⁺22, WE92, WL98, YCS07, YLW⁺13, YL19, YZB⁺23, Yua94, ZLT19, ZHC⁺23]. **efficiently** [KLP11, WW92]. **effort** [WPS⁺08]. **EFFT** [AV15]. **eigenproblems** [ML20]. **eigensolution** [Pin91]. **eigensolver** [ABG⁺06, BPS01, IS18, KKH06a, PB11]. **eigensolvers** [DR18, HRT07, KMK⁺19, YTSI13]. **eigenvalue** [ALH⁺14, Arb92, ABB⁺11, AHW14, Bol86, CRS88, CJ95, DvdG92, EM90, Gut88, Kal90, Kal92, KK01, Lan99, LQ92, MV99, Nat90, PMV⁺20, RLH19, RKMJ10, RV95, SK19, SMK20, THM⁺95, ZM94]. **eigenvalue-eigenvector** [EM90]. **eigenvalues** [BW92, GKT⁺15, GD90, WC90]. **eigenvector** [EM90, SK19, SMK20]. **eigenvectors** [GD90, WC90]. **eight** [TTH95]. **eight-neighbor** [TTH95]. **ejection** [Reg01]. **Elan** [BHM94]. **Elan-Elite** [BHM94]. **Elastic** [WS12]. **elasticity** [dNdRRL⁺21]. **elasticity-driven** [dNdRRL⁺21]. **elastohydrodynamic** [ADTV01]. **electric** [SHRN98]. **electroencephalograms** [EG92a]. **electromagnetic** [IHM⁺12]. **electronic** [ABB⁺11, Ber00, MP95, SKE⁺22, SLS⁺21]. **Electrostatic** [RD07, HSS09]. **Element** [YR18, AKK99, BFL⁺01, BM09, DL92, Dav88, DDF⁺10, EZ99, EL95, ETV91, FKM⁺22, FA11, FR95, FHMS93, GAR15, HJ97c, Kra84, LLP00, LR99, MW11, Nak05, NP05, PZE94, RWT97, SHH⁺97, Sil88, SPMB23, TLC23, TA14, Wai88, YNO97, YLCT18]. **element-by-element** [ETV91]. **elementary** [de 87]. **elements** [GPSK09, LL88, SM88]. **Eliminating** [DSG17]. **Elimination** [BKT91, Gir02, ADFQO19, BR90, CG87, CMRT88, CTT89, DGP⁺16, GT92, KKB92,

Leu89, Liu89, MKS91, MR89, Mel87, MMS90, PW84, Ris90, RDB⁺90]. **Elite** [BHM94]. **elliptic** [Eva91, GS89, GW87, HJ97a, Mil01, Pet97, Pir93, Won88]. **ELLR** [VFG12]. **ELLR-T** [VFG12]. **ELPA** [KMK⁺19]. **EM-4** [OKSY92, SKY93, SKS⁺95]. **EM-ML** [GH98]. **embedded** [ADK22, DCD97, HK91, JLLC22, JON08, JMA⁺13, MCB16, OWW16, RMACG10, SVC07, SSO⁺14, YLW⁺13]. **Embedding** [KLL⁺09, TT00, Fu03, Hsi06, KF95, KL00]. **embeddings** [GH92]. **emergent** [CBP⁺07]. **Emerging** [ONB11, BOV09, MII⁺11, WOV⁺09]. **emission** [Möl99]. **Empirical** [LD98, MJ99, PCC19, BHK89, BGG⁺99, Dod90, WPD01]. **employing** [LNLK13]. **Emu** [YHE⁺19]. **emulate** [FGP23]. **Emulating** [Wel89]. **emulation** [Bar97]. **enabled** [BWT⁺08, DS13, DG15, DUG⁺06, DMG⁺04, GM04a, LNA06]. **Enabling** [APBcF16, BGWR21, HCT16, ZEC⁺17, FBAB13]. **enclosing** [JCL92]. **encoder** [BFG⁺07]. **encoding** [AALK01, PGBF⁺07]. **encountered** [Hir86]. **End** [BVC16, BVC19, BDO17, CBV13, AAV08, MK12, PSF⁺15, SVC19]. **end-to-end** [PSF⁺15]. **Energy** [CHQORS18a, MSK14, SLG⁺22, AQO18, AFY⁺16, FLYL21, GPSK09, GIRT19, KKK⁺18, LyHW⁺22, LKGD16, LT19, MKK⁺19, NB12, OKF16, RMS⁺18b, SLS⁺21, SWCBQ19, SYY⁺22, TKC⁺14, dNdRRL⁺21]. **energy-constrained** [MKK⁺19]. **Energy-efficient** [SLG⁺22, AFY⁺16]. **engine** [BBD⁺12, CLL99, CRS88, DCR⁺16, PR90, SML⁺14, Wal01, Yaş01, BAMK07, BAK09, KR10, PMMAM10, SKST08]. **engineering** [DMG⁺04, GSZ88, KSM⁺94, Pap98, RMS⁺18a, YPG03]. **engines** [DBI⁺17, GGA19, HXW⁺13, MGCB⁺10, SYAU07, TFS91]. **enhance** [GHP10, RBB⁺22]. **Enhanced** [NLP⁺15, FP92, GSMY⁺07, HRT07, HXW⁺13, TSCS14]. **enhancement** [BDK06]. **Enhancing** [HMS⁺19, MSMC15a, MQ97]. **Enormous** [AV15]. **entrainment** [KRS⁺21]. **entropy** [SPW⁺15]. **enumeration** [ME84, SDv98, YL19]. **Environment** [FTY⁺20, AS86, AKK99, BDPV99, BCC⁺97a, Bro87, Bro88a, BGRD00, CDR⁺95, CDM06, CLA15, CDJ08, DS87, ES06, FMM⁺02, HST05, IJM⁺05, Jor86, KCD⁺97, KHC92, KGV97, KSS06, MKK⁺19, MSW91, MOF04, MKL⁺88, NL91, NJ02, NRN00, PW87, PCC19, Pry97, RSSS94, SSP⁺98, ST21, SWC99, TSCS14, Van02, ZLM98, vv91]. **Environments** [HKK97a, Jou97, A⁺02, AKSS07, AMMV98, B⁺02, BSB⁺22, BGK⁺98, CS93, CHBS18, CSW01, DDdS02, DDdSL02, DCG⁺07, DF98, DT97, DBI⁺17, EHR⁺98, JBWE14, LGMdRA⁺19, MSP93, McB94a, NOG⁺22, TRSHB04, WA03, YCS07]. **enzyme** [Yan04]. **EPEX** [DGNP88]. **EPEX/FORTRAN** [DGNP88]. **epidemiological** [MSMC15b]. **EpiGraph** [MSMC15b]. **EPS** [MTPE90, de 87]. **EPYC** [BBL⁺19]. **Equalizing** [MD04]. **equation** [Bjø87, BCS15, CMM⁺88a, CKLM14, DWB99, FBMV88, HJ97b, HWB92, LRH97, MS04b, RSK99, SHvAP13, Sch92, SP93]. **equational** [GJMMS97, OTI⁺89]. **equations** [ADF93, AAHF97, AIIV98, BD89a, BG91b, Bas94, BE92, BE93b, BBQOQO00, BEK⁺11, BWW89, Bon91, BP02, Cap88, DH84, EM87, ER89, EL90, ED91, GR89, GS89, GYH94, GV01, Gol88, GW87, HSS07, HM89a, HK92b, Jou89, KR97, Koç97, KS16, LWS02, LSS88, Lop93, MQ89, ME90c, Mei85, Mil01, Oli96, OJ90, PATC99, Pis92, RF90, Reu88, RSSS94, RMS⁺18b, RO88, SHPA05, SN88, SS88, SSL19, Sch87, SK87, Ter10, Ter13, Won88]. **equilibrium** [DF00, XLY⁺20]. **equivalent** [TH89]. **era** [CP18, SR14]. **EREW**

[HK06, She97]. **Erlangen** [DSSD18]. **Erratum** [SVS02, Wal94b, WBD99a]. **Error** [Pis92, Stp93, FGS97, HISS92, XXQ⁺15, ZLJ93]. **error-detecting** [ZLJ93]. **errors** [Arv92, CHR18, DPFT19, TYSF13]. **eruptions** [OCE⁺07]. **ESA** [ZHC⁺23]. **Esprit** [Hey94]. **essentials** [ST88]. **estimates** [MW88, SH91]. **estimating** [YK06]. **Estimation** [PMMAM10, HDH97, KI05, Kol94, Mal02, MS99a, TDW⁺04, VJ12]. **estimations** [KM88]. **estimator** [GGFF93, GÜs99, YK08]. **ETA** [MRJ89]. **Ethernet** [Gog11]. **Euclidean** [CC95, Gur88, LHK⁺96]. **EULAG** [WSR14]. **Euler** [Ger94, Cap88, DLR94, DR95, PEO16, di 97]. **Euler/Navier** [DLR94]. **Eulerian** [DAD11]. **EuroBen** [van91]. **EuroMPI** [Ano18k, Ano22m, GT19, TH20]. **EuroMPI/USA** [Ano22m, GT19]. **Europe** [BRS⁺17, Duf84]. **European** [Kau94]. **EuroPVM** [MTW07]. **EuroPVM/MPI** [MTW07]. **Evaluating** [BLCR21a, BLCR21b, CRT89, FL21, KKK⁺18, LXC⁺18, RHM⁺88, SSH97, Beb97, CH97, GScFM13, TG09]. **Evaluation** [BCVC05, DF00, FR95, IKK15, PEO16, SKH⁺12, SWSG92, vWWM⁺19, AE93, BAR98, BDH95, BMG07, CC96a, CCP98, CRSS99, DWS⁺21, DBI⁺17, FKK⁺06, FB19, GV08, GICM18, HB90, HHK⁺19, Her88, HHOMR06, HHR87, HK02b, HL13, JMLBL98, KK92, KSS98, KP93, LAS90, MP92, MS20, Obe85, Ori10, OW94, OW97, PB23, PCN10, PKR00, Rib84, SNS⁺97, SAOKZ06, SPCB22, SFSV13, SCM⁺98, SS04, Sol88, TYKA95, Y⁺99]. **evaluation-interpolation** [KP93]. **Eve** [OW97]. **even** [BE93b, BR89, MP87]. **Event** [KRN⁺11, BRWL09, DF98, FSG19, GJMMS97, MK12, PM89]. **Event-driven** [KRN⁺11, FSG19]. **events** [Ano97, HHK⁺19]. **Everglades** [HW02].

Evolution [MGSK88, SGDM94, AIV95, MGSK87, SSD⁺94, YLE95, DST15]. **Evolutionary** [GM04a, BFVRC14, CMT04a, DS07, dTNOR⁺04, RMACG10, YHZ21]. **evolution** [MOF04]. **Evolving** [MCM01, PYZC11]. **Exact** [Bog92, BG21a, BG21b, BBQOQ00, DCY⁺22, DR02, DGP⁺16, FBAB13, KB20, LHK⁺96, LG03, Obe85]. **examine** [LFS⁺19]. **example** [CR90, DFRR91]. **Exascale** [ABB⁺21, NDW⁺19, PS20, CHBS18, CCG⁺17, MAB⁺21]. **exceptions** [LTG23]. **exchange** [CS89a, CC00b, HT98, Kas85, Kat01, MMM13, SBM⁺22]. **exclusion** [TNZM20]. **executable** [OTI⁺89]. **executing** [MKK⁺19, SLH⁺13b, WW92]. **execution** [ATA⁺16, A⁺01a, BPEL05, BV96, CCGG14, Eck90, Fer97, FM88, GW08, GB14, KD97, KI05, LGM09, Mah96, MFS⁺19, MAD⁺16, Psa02, RvG05, Reu99, TDW03, WW90, WL14, WvR16]. **execution-time** [KI05]. **Existence** [Rao97, HE88, KS87]. **exogenous** [Mal02]. **expansion** [LH02]. **expected** [CAHT17, CHR18]. **experience** [BC19b, FPT91, HKN89, KS99, MCC04, NHS⁺95, Zha95]. **Experiences** [HL88, HLM84, KSM⁺94, NOG⁺22, BBB⁺22, BWZ95, CW97, CH97, FLS⁺21, Hol95, HB94, LBL95, kLH95, Nag88, NBB⁺02, Pei88, SGDM94, STKA96, WRB97, XH96]. **experiment** [CC99b, Son92]. **Experimental** [DBI⁺17, HISS92, CFS01, Lef97, MTPE90, PVP08, TFS91, Trä95]. **experiments** [DCG90, Kam87, YD97, HAJK01]. **expert** [CDDG93, Li89, TE92]. **experts** [EPMPU02]. **Explicit** [GVH08, BE95, BE89, BE92, EY90, EC91, KR97, ME90c, NA08, OJ90, SBP12, Thu90, Thu91]. **Explicitly** [SWC99, Vég18]. **exploit** [CIO⁺17, RRP03]. **Exploitation** [JCE96, Lee97]. **Exploiting** [ABMQO11, ABB⁺16, DL97, FMA17, Gao90, GW95, JAH⁺18, Nag90, Zam99, DVGG98,

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Extensible [DAG⁺⁰⁹]. **extension** [CC98, JH97, MZ95, SS04, Son86].
Extensions [HVA⁺¹⁶, Hoe12, Wit98, BCC^{+97b}, HP05, ZCBD22]. **External** [BBB⁺⁹⁴, CSW01, MRT93]. **extracted** [Kao08]. **extraction** [BDSV98, MS03a].
extrapolation [EM87, Eva89, HK92b, SY87]. **Extreme** [BKL⁺¹⁹, GAA⁺¹³, HMP⁺¹⁶, MSZM14, RBP⁺¹⁷]. **extreme-scale** [MSZM14].
extremes [Cla03].
F [Ano03k]. **fabric** [KRN⁺¹¹, WLZ⁺²³].
Face [GK17, SPW⁺¹⁵]. **facilitate** [LMJC96]. **facilitating** [HLvHA11, WCM⁺¹⁴]. **facility** [KKHY06b, KKHY06a, SK97b]. **FACOM** [TKI85]. **factor** [BO03, ESK88, God00, Tem88]. **factorial** [ALD01]. **factorisation** [HE88, KS87, YE95]. **Factorization** [CGH⁺¹⁹, AB95, AD14, AC94b, ARR19, BETR17, BB21, CU04, CHQORS18b, CTW14, CG89b, Con89, DG95a, DSS86, DHW97, DFH⁺¹³, DM02, GP90, GMBZ90, GHNL87, GLN89, GH90, Hen93, HRR08a, KKB92, LR07, LKHL03, Leu89, LC99a, Liu86, Mat95, Mil01, Ng93, OW90, Ort88, OR88, OHZ98, Rao97, RSD16, Stp92, ZE92, Zhu93, ZG88]. **factorizations** [DW99, MRBQO14, mMvdV01]. **factors** [AGL08]. **Failure** [SRS⁺¹⁹, LHR⁺¹⁹, FCZY17]. **failure-prone** [LHR⁺¹⁹]. **Fair** [MCY⁺²⁴]. **fairness** [LFS14]. **Falk** [NSS15]. **false** [CAC⁺⁰⁹]. **family** [GDMS97]. **fan** [VP95]. **fan-in** [VP95]. **farm** [GV06]. **farms** [Bus93, FCZY17]. **FAS** [SS90]. **Fast** [AV15, AW13, BT88, EL16, Gol86, GHC04, HWL⁺²², JK91, MKJC21a, MKJC21b, NMI⁺²⁴, RR97, RKMJ10, RBS10, SB94b, Wen95, BG02, BWW89, BNK15, Cha88, CTZ⁺¹⁸, Dod90, DZG94, GS89, GR01, GF03, Heg96, HJ97b, Hol95, LO92, LCLL00, Pet97, Pir93, Pir96, SKH⁺¹², SPCB22, SWW99, Ter13, WYT⁺¹⁶, AFS14]. **faster** [BR89, OWZ91, SCCP08]. **fat** [ACM⁺¹⁵]. **fat-tree** [ACM⁺¹⁵]. **Fault** [ASDOK01, Fu03, GAR15, Hsi06, HCTH05, KH97, LH04b, NFG⁺¹³, SYAU07, SHCS86, XCS05, BS97, BHR09, CC02a, CS97a, Cho92, FBD01, FSKF06, Far96, Fu07, GLP98, GP98, HXCZ14, HG12, KL00, Leu93, Li90, Loh96, MLX07, ME89, PY00, QJ06, SS01, SR17, SW00, Tou02, Yua94, ZL04]. **fault-** [CS97a]. **Fault-tolerance** [SHCS86]. **Fault-tolerant** [ASDOK01, Fu03, GAR15, Hsi06, KH97, LH04b, XCS05, BHR09, CC02a, Cho92, Far96, Fu07, KL00, Loh96, PY00, QJ06, SR17, SW00, Yua94, ZL04].
faults [CC02a, CS97a, HC04, KLL⁺⁰⁹, Shi01]. **faulty** [EAR93, Far94, GP96, Hsi06, LH02]. **FEAST** [GKT⁺¹⁵]. **feature** [WHW91]. **features** [BPJ22, Kao08, Oed92]. **February** [Ano23e, Ano24d]. **Federated** [BKK24]. **Feedback** [CZJS12, DTV21, MM95]. **Feedback-controlled** [CZJS12]. **feedforward** [Han98]. **FEM** [DPSW00, GSMY⁺⁰⁷]. **FENiCS** [TLC23]. **fermions** [EHN99, GLS99, KLN90]. **FETI** [KHHC20, RBM⁺¹⁶]. **FFT** [AL88, AGGM90, Cal96, DWM⁺⁰¹, GGL21,

HP91, IB01, JK92, MKJC21a, MKJC21b, MKK03, ND95, Swa84, SSB⁺91, Tak03, TTH95, Tem88]. **FFTs** [BP86, CN98, Swa87, SH01, SBO⁺91, WBS06, AAZ96]. **FGCS** [UAR⁺99]. **Fibonacci** [Mak94a, MS04a]. **fidelity** [DCG⁺07]. **FIDISOL** [SS88]. **field** [Gup99, IHM⁺12, Qua92, SMC16, WAT20]. **fields** [BCCS07, SHRN98]. **Filaments** [LF00]. **file** [BOS⁺09, CPdM⁺97, CJS14, FLYL16, GKS07, LZCT15, MK97, MQ97, NK97, PCN10, PGG11, TDC19, XYT⁺24]. **filestore** [PR90]. **fill** [Ala89]. **fill-in** [Ala89]. **filled** [BM01a]. **Filling** [Kon11, GZ99]. **filter** [DOD23, Hot89]. **filtered** [RW98]. **filtering** [BDK06, CS89c, EA95, MSW98, TB03]. **filters** [EG94b, TGE92]. **finance** [KNR00, Zen99]. **financial** [BGRD00, PGK⁺00, P⁺00]. **find** [SS89b]. **Finding** [Box92, CF90, GD90, LTG23, LS97, CKM93, FB91, HRR08a, HM89c, HHH92, HWW92, Jan06, MBC92, MS89, RVD10, SLY90, Shy90, ZM88b]. **Fine** [KKW14, PGGP19, PTS⁺12, Ste13, XDZL10, BMP15, DFRC90, Gao90, HS89, Lil94, MG19, MQ97, ZGG92]. **Fine-grain** [PTS⁺12, Gao90]. **Fine-grained** [KKW14, PGGP19, Ste13, XDZL10, DFRC90, Lil94, MG19, MQ97]. **Finite** [LL88, PZE94, SB96, AKK99, BFL⁺01, BM09, DDF⁺10, EZ99, EL95, FF92, FA11, FHMS93, GF89, GAR15, HJ97c, Kra84, LLP00, LR99, Lin93, MWI⁺15, MW11, MSW98, Nak05, Ram07, RWT97, Riz85, SHH⁺97, She96, Sil88, SPMB23, TW19, TLC23, TA14, Wai88, WME⁺95, YNO97, YLCT18]. **finite-buffered** [Lin93]. **finite-difference** [GF89, MSW98, Ram07]. **finite-element** [DDF⁺10, GAR15, Kra84, Nak05]. **finite-volume** [Riz85]. **Fire** [HW02]. **First** [GJS93a, CKS03, GV08, Kre13, ME90c, SIWC89, TO89]. **first-fit** [GV08]. **first-party** [Kre13]. **Fischer** [Sut97]. **fit** [GV08]. **fitness** [Hur93]. **fitting** [CH98, C⁺01b, SM87]. **five** [GP85]. **Fixed** [PMS⁺13, CHLS90, DDP90b, PER17, Wei93, ZRPI89]. **fixed-size** [CHLS90, DDP90b]. **fixing** [SS94b]. **flash** [XCR17, DAG⁺09, CCP⁺21]. **Flash-X** [CCP⁺21]. **fleet** [BCG00]. **flexible** [DFRZ02, DBI⁺17, EMV⁺18, FHK⁺11, PYZC11, SPMB23, KL00]. **floating** [Kam88, LTG23, LHS13, ZG16]. **floating-point** [Kam88, LTG23, LHS13, ZG16]. **flow** [BSH88, BG97, CW97, DF00, El 93, EG95, EG90, FMS⁺06, GPLW17, GGFF93, HM01, JS13, JJAP⁺20, KYLH01, LS93, Lun98, NA03, NP05, OCE⁺07, PAF⁺97, PCA01, PSF⁺15, SB94a, SHH⁺97, TW19, TO99, TCL92, TSJB00, WNES01, XT11, Xu07, MMT06, MAFC14]. **Flow-Shop** [MMT06]. **flows** [BM09, CLL99, DL04, Ema10, KT97, Lan96b, MT97, PMLT03, RWT97, SOS97, WH15, YD97]. **fluid** [ATL⁺12, Gen84, GIF⁺10, Kas84, LR89, MRRP11, PIG⁺16, RWT97, YNO97]. **fluid-particulate** [ATL⁺12]. **fluid-structure** [PIG⁺16, RWT97]. **FMI** [DTV21]. **FMI-CS-based** [DTV21]. **focus** [GH98]. **focus-of-attention** [GH98]. **fog** [KYS23]. **folding** [BE87, CLSM98, EG92b, OCSBY01, Rob00]. **followed** [HBH⁺16]. **following** [BG01]. **footprint** [WH15]. **force** [GVH08, RD07]. **forecast** [GJS93b]. **forecasting** [Sel95]. **Forecasts** [Kau94]. **forefronts** [BR84]. **foreign** [CC00b]. **forest** [DDP90b, HAK⁺21]. **forest-of-octrees-based** [HAK⁺21]. **Foreword** [Ano18k, BVC19, CHD09]. **Fork** [FC18]. **form** [BDK95, DvdG92, GL99, JW09, KK11, Kuz98, Lan96a, ML20, NW96, TRSC⁺19]. **formal** [Cv98]. **format** [AAS20, KKU16, LB23, Mar14, SPMB23]. **formation** [Yan04]. **forms**

[ACH⁺18, DS05, Ort88, OR88, TND10].
formula [Eva89]. **formulating** [BEDdC16].
Formulation [CC96b, AB16, Bek95a, Bro86, MMC97, RWT97]. **formulations** [GKS98, SPK18]. **forthcoming** [Ano97].
FORTRAN [BRH90, BDS88, CK90, DGNP88, DS87, GSZ88, LMJC96, RRS88, Sne88, WMCU97, van86, BZ99, BCC⁺97a, BCC⁺97b, BC19b, CCL04, CWB92, CI98, FGBN19, KY98, KT00, MVZ98, MZ01, Num05, PFS⁺04, SC19, ZBC94]. **forward** [CDM⁺10, MRW⁺08, TE92, YE94]. **four** [Che98a, DE09]. **four-connected** [Che98a]. **four-dimensional** [DE09]. **Fourier** [AV15, AW13, CT94, Cha88, DZG94, Heg96, HJ97b, RW98, SCCP08, Sur10]. **FP** [Lin91b]. **FP-based** [Lin91b]. **FPGA** [BCB02, GPW⁺08, GVH08, KSS06, LLVM21a, LLVM21b, LTS⁺24, OYS08, SDMS12, XDZL10]. **FPGA-based** [GVH08, LTS⁺24]. **FPGAs** [HMS⁺07, LLVM21a, LLVM21b, MC09, YPL12]. **FPS** [CFH89, Hoc89, Pop88]. **FPS-164** [Hoc89].
Framework [Bro86, SLH⁺13a, BG21a, BG21b, BCB02, BCCS07, BG98, BK07, CKRZ98, CLHL23, CCP⁺21, DG05, EZ99, GAA⁺13, GF13, HL99, JON08, JGT⁺20, JMA⁺13, KCG08, LLVM21a, LLVM21b, LPAZ97, MPZS13, MLG⁺24, MGT⁺13, MW88, SSLK00, SR10, Vio04, WFW⁺11, WH22, WS12, YZWcF14, SLC⁺16].
frameworks [ACMT20, HCJ03, KG21, MAB⁺02].
Fredholm [ADF93, BD89a, ER89]. **Free** [BPK12, FC18, Wil88, Ann89, CC96b, CL92, CS97a, GNY00, HGS10, JC94, LSY⁺24, LY93, Wan08]. **Free-Lagrange** [Wil88].
FreeTIV [PAD02]. **frequency** [ACMT20, CHQORS18a]. **frequent** [Ski02, XZYQ21]. **Friedrich** [DSSD18].
Friedrich-Alexander [DSSD18].
friendliness [TLC23]. **Front** [Ano02f, HK91, KLP11]. **frontal** [EGTD99].
Frontiers [Ano15a]. **FT** [HXCZ14]. **FTL** [XCR17]. **FUJITSU** [HL88, Heg96, IU87, NRN00, R⁺00, SE98].
Full [XRW⁺19, CDV08, HM86, SST09].
full-multigrid [HM86]. **Full-neighbor-list** [XRW⁺19]. **fully** [Gen87, HHH92, Lev90, LOKM99, RV95, TKK⁺05, ZLM98].
fully-pipelined [HHH92]. **Function** [Kog85, Fis90, GICM18, MSB91, TH89, YLE95]. **Function-based** [Kog85].
functional [BHS99, Cha99, EZ99, Mah96, PTGF20, WYBdJ⁺21]. **functionally** [Kas85]. **functions** [Bus93, CDGM96, Hur93, KS91b].
Fundamental [THK⁺99, CKM93].
fundamental-cycle [CKM93]. **Further** [Tem89]. **fused** [HBC19]. **fusion** [Dar00, GZH⁺23, TBM⁺16b]. **future** [Cla03, FK94, MSE19, MVZ98, SR14, UAR⁺99].
Fuzzy [DS93, DZ90, FGS97, TMCC02, WC15, ZRPI89]. **FX** [WSL88]. **FX/8** [WSL88].
Gaining [AGH⁺94]. **galactic** [SRK⁺21].
Galerkin [HBC19]. **Galley** [NK97].
GAMMA [CC00c]. **ganglia** [MCC04].
garbage [Bev89]. **gas** [MT97, SR97].
gather [Trä18]. **gating** [N⁺00]. **Gauge** [GAW96, BP89, Hio96, SS94b]. **Gauss** [ADFQO19, BP02, CTT89, Mel87].
GAUSSIAN [GYL00, BKT91, BR90, CH98, CG87, CMRT88, DGP⁺16, Leu89, MR89, MMS90, PW84, Ris90, RDB⁺90, WYBdJ⁺21]. **GCG** [EL90]. **gene** [Bur04, CFS01, BJV⁺16, MV17, WZV⁺16].
Gene/Q [BJV⁺16, MV17, WZV⁺16].
GeneaLog [PGGP19]. **General** [Gup99, MV99, ADLL03, AHBLR12, BE95, BCB02, CHH⁺01, CPR⁺18, DZG94, FG96, Hac89, JKH95, KKT00, LPNJR96, LSS88, LK00, MT90, MHT06, MP11, MSW98, Mun99, PJW⁺22, RSSS94, Sil88, WYT⁺16, WME⁺95, XKL⁺22, YK06, dV94].
general-purpose [Hac89]. **Generalisation**

[RBB17]. **Generalised** [CKM94, EL90]. **Generalized** [LWS02, NC02, Bol86, CC01, HWYL89, KS16, KK94, ML20, Nat90, NSS15, RLH19, RV95, ZM94, LW15]. **generate** [ME93b, LEH14]. **Generate-Test-Aggregate** [LEH14]. **generated** [DLPS92]. **Generating** [HvNJB12, IJM⁺05, LC02, TX00, TH89, EK92, GLG06, Lec89, LT94, TL90, TL94]. **Generation** [BDO17, AND05, AKNS91, BCGS93, BGWW97, BWV⁺17, BDSV98, BRS⁺08, CCS94, EAR93, EYP⁺20, EJLC97, Glo95a, GDAK06, Hoe12, Hwa04, JIC96, KPL⁺12, Kra84, LMJC96, LLW⁺24, Lin90, MS99a, PVBR23, SR97, SLC⁺16, Sun97b, TLC23, YK87]. **generations** [HL99]. **Generative** [DF98, MAS06]. **generator** [APG92, Glo95b]. **generators** [DP90a, Deá90, DLS09, DWS⁺23, Mak94a, MM95, Mas98, MC04, MS04a, SMC03, dP90b]. **generic** [BBD⁺12, BAS13, Gog11, HLvHA11]. **Genesis** [Hey91, GHS02, Kau94, McB94b, STT94, Hey94]. **Genetic** [WSB90, AD96, ALNT04, CA92, DM04, Ekl04, Hur93, IT08, LW15, MG95, Moo04, Müh90, MSB91, ORM⁺10, OIK21, OCPT97, POHS14, SBM⁺98, SVS01, SVS02, Wal01, WWR05, WWT01, ML00]. **genetic-based** [POHS14]. **genlocking** [CWDG07]. **GenoMap** [SBM⁺98]. **genome** [CS19]. **Genomic** [AGV⁺17, GGL⁺05, LH04a]. **genomics** [JNWJ18, JNC⁺19]. **genotyping** [SBM⁺98]. **Geocomputation** [Cla03]. **geographic** [HCJ03]. **geographical** [CMM03]. **geographically** [SSP⁺98]. **geological** [DS07, DDF⁺10]. **Geometric** [GO88, AK89b, BWV⁺17, BBB19, KS95, LNS03]. **Geometrical** [FM15]. **geometries** [CLL99, ZEC⁺17]. **geometry** [BE87, SM90, Sýk84]. **geophysical** [BPC21a, BPC21b]. **German** [MC04]. **Germany** [BRS⁺17]. **GESIMA** [AFG⁺97]. **GF** [PW84]. **GF11** [KBD93, WZ90]. **GFLOP** [Taf01]. **GFLOP/s** [Taf01]. **gigabit** [EHR⁺98]. **Ginkgo** [CTA22]. **Givens** [HK06, Kon02, VKS⁺15]. **Glacier** [CCG⁺17]. **Global** [CMPM⁺15, HHJP16, NZHY11, SS92, TCT00, BK94, BE88, BOS⁺09, BT01, ES89a, FWL03, GV14, HRT07, HM97, HCL05, Kat03, MS20, PEO16, PODd16, RE98, SWR⁺13]. **GMD** [BRH90]. **GMRES** [Li97, VvW98]. **Goals** [Gil94a]. **gossiping** [ST02]. **GPGPU** [MVdLvN16, TYSF13, TS09]. **GPGPUs** [GIRT19, DWX⁺12]. **GPU** [ABB⁺21, ABGR21, AA24, ADEQO19, ACM20, BGWR21, BWV⁺17, BG21a, BG21b, BEK⁺11, BSB⁺22, BGB10, CYDJ21, CGK⁺16, CR23, CTW14, CFW⁺22, CKLM14, DN16, DTR18, DG15, DZLK20, DWL⁺12, ESV10, FFZ⁺18, FMA17, FLYL21, FHK⁺11, FHK⁺15, FKM⁺22, GZHX17, GMMT16, GSMY⁺07, GK19, HSR⁺14, HJS23, HVA⁺16, HWL⁺22, HF20, JS13, JHD⁺22, KPL⁺12, KS16, LLW⁺15, LGD⁺15, LKP24, MCY⁺24, MAB⁺21, MSV15, MAA⁺21, NDN20, OKTR13, OKF16, PTS⁺12, RBS10, SHvAP13, SPW⁺15, SCL⁺23, SY21, SGP22, SVTSM⁺22, SSV⁺16, SMW⁺05, SIH14, SYY⁺22, ŠDJ⁺22, TPK⁺13, TND10, TDB10, TS21, TLS16, TLC23, VKS⁺15, WZCG14, WL14, WSR14, XT11, XLY⁺20, YMYH24, YWP11, ZAA⁺21]. **GPU-accelerated** [BWV⁺17, DN16, FKM⁺22, MAA⁺21, NDN20, SSV⁺16, ŠDJ⁺22, TLC23, ZAA⁺21]. **GPU-based** [GMMT16, HF20, LKP24, MAB⁺21, RBS10, SIH14, TND10]. **GPU-controlled** [OKF16]. **GPU-enabled** [DG15]. **GPU-enhanced** [GSMY⁺07]. **GPU-parallel** [HWL⁺22, SGP22]. **GPUs** [AÖ22, AFS14, AD14, AGD⁺17, BDP20, BTLK18, BC19b, CCS⁺18, DS13, GCH21, GTD18, GS22, HLP10, OK22, OIH10, RSD16, RA20, SPCB22, VFG12, VJ12, WC15, YPL12, AHBLR12]. **Gradient**

[VJ12, BM90, CG89a, CGMM99, Dağ07, El 93, ETV91, EL90, EG94a, Fis90, GZHX17, GV14, Han98, HGLR07, KL90b, Kru97, Meu87, MZ95, MA22, O’L87, RR89, Sea86, Str08, TGE92]. **gradient-like** [RR89]. **gradients** [van86]. **Graham** [Chr00b]. **grain** [BSH88, Gao90, GW95, HS89, KY98, PTS+12]. **grained** [BBC+11, CDBL08, DG90, DFRC90, HHK95, KKW14, Li94, MAFC14, MG19, MQ97, OHZ98, PGGP19, Ste13, TTO+22, XDZL10, ZGG92, dV94]. **Gram** [BO91, BLT+22, OW90, Str08, WC91]. **granularity** [Cal85, Mah96, MB88, MRSB94, SCL+23, YMY+19]. **GRAPE** [Sug99]. **Graph** [BHK00, BOG15, ÇFG+12, Dod89, HK00, HWYL89, MMS09, NSH+21, NTHY22, Pel97, SKC90, ABGR21, BM08, BVP+89, BSB+22, BFH23, BGL+88, CDBL08, CLA15, CL92, CWC00, CP08, CKM93, DCY+22, DCR+16, DDP90a, Far96, GPC88, HLP10, HHH92, Hwa02, IR93, JDH96, KH95, LS98, LPH00, LC89, Lin01, LSF+15, ME84, Mar92, Mis98, MPD00, OTI+89, PD11, PER17, QWD+21a, QWD+21b, RM91, RKS92, SS89b, Shy90, TW19, ZY16, Zer90, ZK92, Zho93, ZM88b]. **graph-based** [BFH23, DCR+16]. **graph-partitioning** [MPD00]. **graph-theoretic** [BM08]. **graphical** [DRJSW97, KCD+97]. **Graphics** [CM95, ADFQO19, CJ97, CWDG07, DOD23, GM07, HSS09, MIA+07, MAM+09, RSB05, RB03, SRH07, SA13, SCL+23, Sur10]. **graphs** [AB16, BDK98, BT99, CHR18, Che96, DT96, DUG+06, EG95, FKPB15, Fei91, FJPA17, Fu07, Gor97, Got89, Hwa02, KKT00, KF95, Kru97, LJD93, LZ00, MT91, MT95, Man01b, YL19, WCKM11]. **GRASP** [ABR03, RR07]. **gray** [LCLL00, Cha88]. **greater** [FLW87, Par86]. **Greedy** [Kon02]. **GREMLINS** [CDJ08]. **Grid** [DMG+04, JBC+04, Laf02, PGG11, Sol88, A+02, BDK98, BCMG+07, BFVRC14, BDK06, BRS+08, CS95, CDK+03, CW06, CGQ93, CL05, CDJ08, DR95, DM04, DUG+06, EK98, LHR+19, GGV04, GM04a, GM04b, HST05, KTN+14, LLPV06, LG09, MMO07, MMT06, MMT07, MST94, PTK04, SSS+05, SG16, ST88, ŠDJ+22, TLS+08, WVHR16, YCS07, YBM05, ZMMW90, DWH+08, FMM+02, LNA06, TKK+05, TRSHB04, WA03]. **Grid-based** [PGG11, BDK06, MMT07]. **Grid-enabled** [DMG+04, DUG+06, GM04a, LNA06]. **grid-shaped** [LHR+19]. **gridding** [WYX+22]. **grids** [BCCS07, BG07, CRGR+13, CdCM07, Cér07, ČSR05, DA06, DL04, DST01, GCP11, GV06, HJ97c, JBC+07, JCWP07, LM06, LGM09, NP05, Pop88, PMLT03, Ran00, Sim91, Thu91, MTV08, MHL06, Ram07]. **GridSAT** [CW06]. **Ground** [LG01, FC05]. **group** [BE89, BE92, EC91, KR97, Kan97, ME90c, NA08, OA08, van91]. **group-ware** [Kan97]. **grouping** [GTW+20]. **groups** [EB94, LJD93]. **growth** [WS04]. **GS** [XXQ+15]. **GS-DMR** [XXQ+15]. **guarantee** [FHL87]. **guards** [YMY+19]. **Guest** [DF95a, PS20, RC14, SAGV21, SYP13, TS02, UZ02, BH14, GT19, VBC19]. **GUI** [VGS14]. **GUI-awareness** [VGS14]. **guided** [CYDJ21, GBH98, LG21, NB12]. **GWAS** [PFTB15]. **gyration** [Rob00]. **Gyrokinetic** [MII+11, MWI+15].

Hadamard [AFS14]. **Hadoop** [CJLS14, RBB+22]. **half** [BBDN21]. **halo** [SBM+22]. **Hamiltonian** [Che96, CST02, KL00]. **hamiltonicity** [Fu07, HCTH05]. **hand** [CLA14, KMB+18, Ter10, WP19]. **handling** [BE97, DG94, Fer97]. **Hardware** [GJMM18, HUYK04, Sab97, BCB02, BBDN21, BNK15, CCG+17, CT94, Gog11, GM07, HBC19, IZS+20, LTS+24, NMMG13, PMS+13, PGAA16, SKH+12, NRN00, Oya99]. **hardware-software** [BNK15].

hardware/software [NMMG13]. **Hari** [NSS15]. **harmonic** [IHM⁺12]. **harness** [BE95, FBD01]. **Harry** [Ano03k]. **hash** [QP16]. **hashing** [GZ99]. **Haswell** [PGAA16]. **Hausdorff** [BL93b]. **Hazel** [BRS⁺17]. **HBFPF** [XZYQ21]. **HBFPF-DC** [XZYQ21]. **HC** [BNK15]. **HC-1** [BNK15]. **HCW** [MSS19]. **HDF5** [LyHW⁺22]. **head** [SHRN98, Wor97]. **headed** [Laf02]. **health** [PTK04]. **heap** [MNS87]. **heaps** [DP00, LL90]. **heating** [TTT⁺92]. **heavyweight** [RGdS⁺13]. **height** [Ver00]. **helix** [Meg90b]. **Helmholtz** [HJ97b]. **HEP** [DH84, HLM84, Hir86]. **Hermite** [BP02, JW09]. **Hermitian** [WP19]. **Hertz** [ADTV01]. **Hessenberg** [BDK95, KK11, SK91, SNO99, TND10]. **Hessian** [Fis90]. **Heterogeneity** [Erc88, FMA17, KKK⁺18, LR07, PRV08, SS94a]. **Heterogeneous** [CP17, KLR05, LB23, LFS14, MOW96, Sun97b, SG99, AAS13, ALNT04, AAO13, AFK01, AMMV98, BDPV99, BCVC05, BM11, BLRR02, BLR03, BHR09, BDNP11, BRRV11, BSD11, BDRV99, BCS15, CFF17, CLA15, CP18, CYXL18, CC99a, CGM05, FLS⁺21, FLYL21, FHK⁺11, FHK⁺15, FGP23, GGH⁺22, HJ05, HJS23, JAA06, JCC⁺24, Kha12, KI05, LTG23, Lan90, Las02, LR04, LDK16, LV15, LXD⁺23, LBGO23, MKK⁺19, MGT⁺13, OS21, Pea19, PB16, PVP08, PP98, PCC19, QJ06, RCAP11, SBP12, SSO⁺14, SLG⁺22, ST21, SS04, SBM⁺22, YA24, ZJDW18]. **Heterogeneous-aware** [LFS14]. **heterogeneously** [JLLC22]. **HeteroPar** [MSS19]. **Heuristic** [WS94, AG00, CNK93, DT96, GLS01, GPS03, NDN20, ST21, TN13]. **heuristic-based** [ST21]. **heuristic** [Zer90, ZK92]. **Heuristics** [BD10, BDK96, CGM05, ALT04, ABMT99, ACGL04, BMA06, CA92, Liu98, LHK15, MMT06, RR07]. **HEVC** [JLLC22]. **hexadecimal** [Tak18]. **hidden** [DVP90]. **Hiding** [GV14, CV17, Coo19, MS03b]. **Hierarchical** [ATT92, BV96, DFH⁺13, MSZM14, TY91b, vOS⁺98, AFY⁺16, ADMV05, BETR17, BTLK18, CLA15, CPR⁺18, DL05, EPMPU02, GJMM18, HA05, Kol94, KJ07, MTV08, Ols95, PW22, RG92, SHN12, SB92a, WZS⁺14, YMJT10]. **hierarchically** [GAR15]. **hierarchies** [KLP11]. **hierarchy** [CG89a, FDTZ04]. **High** [Ano16k, BAMK07, BA08, BVC16, BVC19, BY21, BDO17, CIS99, CLL99, CCS03, CBV13, CDK⁺03, CMM03, CV02, DDF⁺10, EHF⁺97, cFM07, GJMMS97, Ger98, GS22, Gog11, GYL00, GLDS96, GKKS01, HVA⁺16, HR04, JJM⁺11, MD04, MS23, MVZ98, MDC⁺08, ND17, NU05, OIH10, OGC⁺15, PFTB15, PMV⁺20, SH90, SHCR98, Zen99, AAV08, ACMT20, A⁺02, ABMN02, BJ18, BGRD00, CZJS12, CJLS14, CD00, Cla03, DS03, DCG⁺07, DWB99, DK04, EPS98, FKK⁺06, FGP23, GKS07, GMF00, GGL21, GL97, HJ05, HRR02, HHJP16, HMH⁺13, HF20, KRW88, KT00, KSRK24, KCG08, KA19, KG03, LyHW⁺22, LG01, LVC16, LLD19, MKL⁺01, MAH⁺19, MFS⁺19, MSK14, MK97, MK12, MHL06, MGT⁺13, NS94, OILZ17, PVK⁺22, PGG11, QH19, RGBCS09, RW89, SAWH88, She93, SCM⁺98, SVC19, SDMS99, SDMS05, SNO99, Tak06, TKC⁺14]. **high** [TPK⁺14, TRSHB04, TAB⁺19, WJK98, Wel89, WS98, WvR16, YDTS01, ZLM98, ZSI02, BZ99, BBD⁺12, BCC⁺97a, BCC⁺97b, DHS00, MZ01, PFS⁺04, KSM⁺94]. **high-dimensional** [HHJP16]. **High-End** [BVC16, BVC19, BDO17, CBV13, AAV08, MK12, SVC19]. **high-fidelity** [DCG⁺07]. **high-frequency** [ACMT20]. **High-level** [CCS03, Ger98, BJ18, MGT⁺13, RW89]. **High-order** [SH90, DK04, GGL21, PVK⁺22]. **High-performance** [BA08, BY21, CDK⁺03, CV02, DDF⁺10, EHF⁺97, cFM07, Gog11, GLDS96, GKKS01, HR04, MD04, ND17, OIH10, Zen99, A⁺02,

ABMN02, CZJS12, CJLS14, FGP23, GMF00, GL97, HRR02, KSRK24, KCG08, KG03, LVC16, MAH⁺19, MFS⁺19, MK97, OILZ17, QH19, RGBCS09, SCM⁺98, SDMS99, Tak06, TRSHB04, TAB⁺19, WS98, ZLM98].
high-speed [FKK⁺06]. **high-T** [KSM⁺94].
high-throughput [PGG11, TPK⁺14].
Higher [PS84, KHC92, MS00].
Higher-order [PS84]. **highlights** [McB88b].
Highly [BN01, SC95, BF95, BP86, EMV⁺18, Ori10, PW84, PW87, RBM⁺16].
highly-flexible [EMV⁺18]. **hints** [HK02b].
HIRLAM [SB97]. **historical** [FC05].
histories [CRD02]. **History** [MVZ98].
Hitachi [Tak03]. **HMC** [LC17].
HMC-Sim-2.0 [LC17]. **HMMer** [OYS08].
hoc [CWK09, MFGEL17, SSS⁺05]. **Hogs** [ORM⁺10]. **HoL** [PGGL17]. **HoL-blocking** [PGGL17]. **Holistic** [Sto89]. **holographic** [EMB89]. **HOM4PS** [LT09]. **HOM4PS-2.0** [LT09]. **HOM4PS-2.0para** [LT09].
homogeneous [CGM05, KRN⁺11, MCG⁺12, PVP08].
homology [BNK15, SNS⁺97]. **homotopy** [CARW91]. **honey** [GÁVRRL18].
honey-bee [GÁVRRL18]. **Honeycomb** [TTH05]. **Hopfield** [SH90]. **host** [EB94, NTHY22, Str87]. **host-computer** [Str87]. **host-computer/array-processor** [Str87]. **hot** [AB93]. **hot-spots** [AB93].
Hough [vCd90]. **householder** [RH99, CUSR88, KCN99, OW90].
householder-QL [RH99]. **hp** [GPSK09, LLP00]. **HPC** [AAB⁺16, ACMT20, ANG⁺20, BDPV99, BRS⁺17, BOS⁺09, EYP⁺20, ECLV12, LHR⁺19, Gin99, KP12, KAM⁺20, LCLA19, MSE19, MKJC21a, MKJC21b, NOG⁺22, Pan01, PRS⁺14, PB16, PGK⁺18, PSF⁺15, RGGP⁺18, SPK18, WL13b, XLS⁺17, YXQ⁺21, ZS21]. **HPCToolkit** [ZAA⁺21].
HPD [ML20]. **HPF** [BCC⁺97b, DRST03, EGKU02, SNK06, SDv98]. **HPFIT** [BCC⁺97a, BCC⁺97b]. **HTA** [FBG⁺12].
hub [CSEK03]. **Hughes** [EG90]. **hull** [DZD01, EM85, HI92, SE87]. **human** [BM08, SHRN98, VLSPL19]. **humanoid** [CDV08]. **hundreds** [SKE⁺22]. **Hungarian** [DN16]. **Hut** [GKS98]. **HVH** [FT93].
Hybrid [AGLP06, EMV⁺18, Hor91, IDS16, LWJ⁺17, PS20, TBM⁺16b, WL13a, ADR⁺05, BG21a, BG21b, BEK⁺11, CLY⁺19, Cha99, CLC08, CTW14, GSE⁺15, GPS03, GHW08, GÁVRRL18, GK19, IUY⁺04, KCN99, LSC⁺15, MRRP11, MA22, Nak05, Nat90, PGK⁺18, POHS14, PS06, RB14, RBM⁺16, ST21, SSL03, TPK⁺13, TND10, TDB10, VK17, WW92, WY11, WS12, WSR14, YWP11, ZWJ⁺19, ZGZS20, Ken99].
hybrid-memory [RB14]. **hybrid-parallel** [MA22]. **Hybrid-view** [TBM⁺16b].
hydrodynamic [LKP24]. **hydrodynamics** [BSE88, FD18, Wil88]. **hydrological** [WFW⁺11]. **hydrophobic** [Rob00]. **Hyper** [AIO95, Lip99b, LPPS01, BFG⁺07, THK⁺99].
hyper-bus [THK⁺99]. **Hyper-ring** [AIO95]. **Hyper-systolic** [Lip99b, LPPS01].
hyper-threading [BFG⁺07]. **hyperbolic** [DG05, EL90, ME90c]. **hypercomputing** [CC97a]. **Hypercube** [BF92, Nel93, AL93a, AM93, Bro88b, CARW91, CC93, DDP90a, DDP90b, DG90, DFRC90, DFRC94, Don05, FOH87, Fu03, GP90, GMBZ90, GLN89, GF03, HCK94, Hsi06, KSP97, LD99, LS92, MV87a, PW89, PW22, Pop88, SER90, SKC90, SSB⁺91, SH01, TFS91, VP95, ZRPI89, ZMMW90, ZM96, KL00].
hypercubes [ASDOK01, BE88, Ber89, BD95, Cha88, CHLS90, CS97a, DVG98, Dun91, EAR93, GP98, GS96, HC94, KLL⁺09, LBL95, LY93, LC99b, LF88, PS91, RDB⁺90, SAOKM01, She92, She95, SIWC89, SBO⁺91, TY91b, VB92, VB95, XCS05, YTCW07, Zhu93].
hypercubic [dG98]. **hypergraph** [FBAB13]. **Hyperion** [A⁺01a].
hyperledger [WLZ⁺23]. **hypersonic**

[SOS97]. **hyperspectral** [PVP08]. **hypre** [FLS⁺21]. **HySet** [BG21a, BG21b].

I-Cluster [RMRN05]. **I/O**

[Bak00, BPC21a, BPC21b, CDZ⁺21, DBI⁺17, HMP⁺16, MV17, MQ97, PUSS97, SDMS12, TDC19, TF98, WG97, YM05, ZS21, ZJDW18, ZYZ⁺16, SC03]. **I/O-aware** [YZY⁺16]. **IBM** [AL93b, BBB⁺94, Bri95, Car88a, CK90, GSZ88, GYL00, NMW93, Pet91, RRS88, Reu88, WZV⁺16, Web90]. **ICAP** [CC99b]. **ICCG** [RG92]. **ICENI** [FMM⁺02]. **ICL** [Car88b, Dav88, PRW88, WC90].

icosahedral [KTN⁺14, WCKM11]. **ICP** [AA24]. **ideas** [HM89a, HJ97a]. **identical** [DC15]. **identification**

[EAR93, Leu93, VBS⁺15]. **Identifying** [CFS01, LSS05]. **idle** [RMRN05]. **IFC** [Ano02f]. **IFIP** [KVW97a]. **IFS** [BDI⁺95].

ignited [Yaş01]. **ignition** [Yaş01]. **II** [ABMN02, BCC⁺97b, Eis89, ER95b, OR88, PWY03, Pir96]. **III**

[Ano88b, SSGF00, Tol02]. **illumination** [Kat03]. **illustrated** [CT88]. **illustrative** [CR90]. **ILP** [HXW⁺13]. **ILU** [HRR08a, PLP97, SZ02, VvW98].

ILU-preconditioned [VvW98]. **ILUPACK** [ABB⁺16, ADEQO19]. **Image**

[Has90, YEC97, AFK01, AATK10, BZ96, BCB02, BP00, BCYB11, Che98a, Chr98, DCDV98, EA95, FCC16, GBH98, GWC⁺99, HL97, HA97, IOH05, Kao08, Kut02, LSS05, LPCA98, kLH95, Lee97, LS90, MP08a, MP08b, MCG98, NJ02, OAJ⁺16, OA08, PPZ93, SKN04, SKG02, SG02b, TMCC02, TPK⁺14, Tor91, UZ02, WE97, dCC89].

image-based [AATK10, OAJ⁺16].

image-guided [GBH98]. **image-to-mesh** [FCC16]. **images** [BL93b, FA11, LCLL00, Möl99, SHPA05, Ume01]. **imaging** [CDM06, MDC⁺08, SSS⁺09, SHCR98, TAB⁺19, WJK98]. **imbalanced** [MG19]. **imbedding** [WAB89]. **Immortal**

[TS21, JBWE14]. **immune** [BJSN04].

Impact

[ADLL03, BKT91, GLU03, KNTG08, BRS⁺17, CB17, HH91, KV99, PRV87, PTK04, PRV08, RIB10, TB22, YMYH24].

impacts [Sat04]. **imperative** [OM90, SR14].

implement [Gro19]. **Implementation**

[Ale94, BHM⁺95, BMG07, Cal96, CHLO85, DL92, DSS86, DWS⁺21, EG92b, HLDS95, HK02b, KW90, KSS98, mM94, MP87, PCN10, Ram99, RBM⁺16, Sen91, SB97, Ste88, Tem88, TM90, ZLM98, AJ95, Ale91, AC89, AAHF97, ADLL03, ARZ97, AIV95, AW13, BCPB05, Beb97, BG97, BFG⁺07, Bjø87, BS05, BDK96, BRH90, BP02, Bri95, BAS13, CCEJ01, Car98, CDZ⁺98, CG89a, CDGM96, CT94, CH97, CGOP03, Dag07, DAA94, DF00, Dod89, Duf86, DOD23, El 93, EY90, FG89, FGG⁺98, FCS⁺19, GM98, God00, GLDS96, GL97, GT07, Güs99, HJS23, HW02, HCL05, HKR⁺10, KK01, Kie91, KKSS90, KHHC20, LNS03, Li89, LMG09, LLD19, LS92, MRW⁺08, ME92a, Mar95, MCC04, MKK03, Mic97, MW94, MNP93, Möl99, NR01, O'L87, OJ90, ÖS94, PPZ93, PCA01, Pet97, Pir96].

implementation

[PAD02, Pry97, RGT17, Ram07, SKY93, SKS⁺95, SCCP08, SCCPM14, SSB12, SAWH88, SP97, ST95, Sol88, Ste87, Tak10, TGE92, TSCS14, TMD⁺97, VvBv90, VIHD90, VGRS16, WH91, WZ90, WL98, YA24, YL19, ZCPT00, di 97].

Implementations [DFP⁺19, Sin90, BBK90, BC91, CAC⁺09, CZ91, CKLM14, GGFF93, JDG02, LG03, LLW⁺15, NAC⁺14, RWT97, Rib84, RR07, SPCB22, Ste13, TF01, WLK⁺18, Zha95, van86]. **implemented** [ARB94, ARB95, ETV91, FBMV88, HHSM88, KC91, PW84]. **Implementing** [AD14, BE93c, Bus93, CC97b, HTB01, Ris90, RVGG01, LHZ97]. **implications** [GEvGCP09, OCSBY01]. **implicit** [ES88, GKKS01, MPJ03]. **impractical**

[Par87a]. **improve** [BBL⁺16, GIRT19, ZWJ⁺19]. **Improved** [EG92a, Lep99, MWI⁺15, RV96, She92, ZS21, BKS06, CC02a, CJ92, HB99, Jeo91a, KG87, KB20, Nag90, SYY⁺22, VR95, SG02a]. **improvement** [ACM20, Gin99, MPD00]. **improvements** [ASH92, OGC⁺15]. **Improving** [APPG15, ASA16, AAO13, BPC21a, BPC21b, BJV⁺16, HSC12, IMQO⁺18, LFS14, Mah96, OK22, SIH14, dSS09, Coo19, KJ07, MSE19]. **impure** [BHS99]. **ImRP** [FTY⁺20]. **in-network** [BCRSR11]. **including** [MT00, OCSBY01, Ter13]. **Incomplete** [AHBD18, BB21, DW99, Haa98, HCK94, HC94, SHCD00, TY91b, mMvdV01]. **incompressible** [BM09, GV01, JS13, KYLH01, NP05, XT11, YD97]. **Incorporating** [EG95]. **increase** [CPdM⁺97, OID⁺12]. **increasing** [JSC97, YMY⁺19]. **Incremental** [SSKÇ15, HM02]. **indefinite** [BBB⁺14, LWS02, SS02, SZS22]. **Independent** [Leu89, PLP97, BSE88, BDSd94, FMB98, Ger04, JHSV02, Lin91a, LF00, MV17, MT90, RvG05, YTCW07]. **Index** [Ano99a, Ano00, Ano02a, BHB21, Ano84a, Ano01, SRK⁺21]. **indications** [Laf02]. **indices** [YS96]. **indirect** [Bro88a, NTHY22]. **inductance** [MS03a]. **induction** [MRW⁺08, OCPT97]. **Industrial** [SMTT96, TS99]. **industry** [EHF⁺97]. **inelastic** [CT88, DDF⁺10]. **inequality** [CB97]. **inexact** [BMP15]. **inference** [LH04a]. **InfiniBand** [PK05]. **InfiniBand-based** [PK05]. **infinity** [CC00a]. **infix** [SS87]. **influence** [HHOMR06]. **Influences** [Gin99]. **information** [BGP⁺97, Gro19, JCWP07, JCE96, LMJC96, MTV08, PSS01, Zam99]. **Infrastructure** [Ano13i, HKW13, LC17, SSO⁺14]. **inherently** [TDG⁺18]. **inhibition** [Yan04]. **initial** [HK91, KH92, Kie94, MGT⁺13, Pir96, PER17]. **initialization** [BCA08]. **Initiative** [GHH18, HG17, NGM19, vOS⁺98]. **initio** [BS00a, BCA08, HC05, SSGF00, SKE⁺22]. **injured** [CS97a]. **Inner** [Rod85, GKT⁺15]. **Inner/outer** [Rod85]. **innermost** [TM09]. **input** [AS86, EG95, WL14]. **input/output** [AS86, EG95]. **inputs** [LTG23]. **insensitive** [ST02]. **insertion** [APPG15]. **insight** [AGH⁺94]. **inspector** [ATA⁺16]. **inspector-execution** [ATA⁺16]. **inspired** [RBS10, ZEGT04]. **instances** [BPK12]. **Institute** [KB08]. **instruction** [KLS⁺88, SS91a]. **instructions** [CC92]. **Instrumentation** [NS02, CZTS99]. **insurance** [CDM⁺10]. **Integer** [GMMT16, FF21, HA14, KC93a, MHH97, NW96]. **integral** [ADF93, ALH⁺14, BD89a, DWB99, ER89, WY11, YTSI13, ZSH97]. **integrals** [FSY88]. **Integrated** [KMLM97, BCC⁺97a, BCC⁺97b, AKK16, JMA⁺13, SV97, WE97]. **Integrating** [LMJC96, LTS⁺24, OYS08, STP⁺19]. **integration** [BGWR21, Bur90, DLM97, EM86, ES89b, HLvHA11, PATC99, RMS⁺18a, SR17, TJJ93, dG98]. **integrative** [TRSHB04]. **integrators** [SSL19]. **Intel** [BKS19, BKL⁺19, HZY⁺19, LYC⁺19, WHL19, AV15, BRH90, CLC⁺18, DR15, DSSD18, Dun91, FYH⁺18, GAW96, GKV94, HC92a, Hoc94, HSSM17, LCE⁺18, LLX⁺18, LHL18, Pir96, SNS⁺97, SWR⁺18, Tak18]. **intelligence** [Fah85, Loh96]. **intelligent** [YBM05]. **intense** [RMRN05]. **Intensive** [ANG⁺20, RC17, CTS02, FAS02, SC03, TS02, TS09]. **Inter** [MSE95, BFY06, LFL11, Ume01]. **inter-cell** [Ume01]. **inter-communication** [BFY06]. **inter-node** [LFL11]. **Inter-procedural** [MSE95]. **interaction** [BM08, BJP⁺89, CDH⁺03, DRST03, HOSS91, PIG⁺16]. **interactions** [LKP24, MM96b, RWT97]. **Interactive** [LMC05, WOKH96, CSB00, DGBP05,

GBH98, IJM⁺05, ISH03, Li89, RBL97].
interconnect [BHM94, KRN⁺11, PMS⁺13].
Interconnection
 [KV99, ACM⁺10, ACM⁺15, Bro87, CWC00, Dzw91, FSKF06, FHKZ88, GHM97, HCK94, HW94, KJ07, LJD93, Leu93, LH00, Miš98, NSH⁺21, NMARD10, She93, SS01, Y⁺99].
interconnections [JK91]. **interconnects** [FKK⁺06, RBP⁺17]. **Interface** [BC19a, GLDS96, UÇA10, ACLN03, EYP⁺20, GPLW17, HHK⁺19, Nag90, OILZ17, Pie94, RMS⁺18a, Wal94a, Wal94b, BBB⁺94, FGG⁺98]. **interface-resolved** [GPLW17]. **interfaces** [BGL01, FCS⁺19, Hem94, Trä12, THMH21].
interference [OL86, ZJDW18]. **Intergroup** [KTAB⁺19]. **interior** [DM03, DR03, NYFK06, RWT97].
interior-point [DR03, NYFK06]. **Interlock** [CZTS99]. **interlocking** [GMBZ90].
intermediate [BVP⁺89]. **internal** [Car88a, MRJ89, RS87]. **International** [ABH18, Ano88b, Ano88a, Ano16k, BH92, Emm84, Jou97, SHB19, HJB⁺21, Ano87].
Interoperability [EGTD99, WPS⁺08].
interplay [LKGD16, RMS⁺18b].
interpolation [BAS13, Jan06, KP93, MKC92, SMK91, WA03]. **Interprocedural** [CI98, NL98, JCE96]. **interprocessor** [SKS⁺95]. **interprocessor-communication** [SKS⁺95]. **interruptions** [BRRV11].
intersection [Ban97]. **interval** [GYH94, LR16, Sch87, Shy90, UN87, Ver99].
interval-ordered [Ver99]. **intervals** [SC95].
intra [RRP03]. **intra-tile** [RRP03].
intracranial [PIG⁺16]. **intrinsic** [CCL04].
Introducing [Vég18]. **Introduction** [DF95b, KVW97b, SYP13, VBC19, BH14, Cro97, GT19, KP12, RC14, WG97].
intrusion [BJSN04]. **Invariant** [WAB89, HA14]. **invariants** [MS89].
Inverse [VBS⁺15, ARR19, Dağ07, FPT91, GCH21, MR85, WE93]. **Inverses** [AHBD18].
Inversion [KL90b, CKM94, CGQ93, FF92, JLY18, KP93, KK94, LE91, LT90, MS89, NM01].
invert [ALH⁺14]. **Investigating** [MM00, WBN⁺17]. **Investigation** [MSE93, SDMS12, BHK89, Dod90]. **inviscid** [PEO16]. **IO** [TGL02]. **ion** [N⁺00].
ionization [XLY⁺20]. **iPregel** [CHZ⁺19].
IPS [GE92]. **iPSC** [BRH90, Dun91, GKV94, HC92a]. **iPSC/2** [BRH90]. **iPSC/860** [Dun91, GKV94, HC92a]. **IR** [ZJDW18].
Irregular [TFV16, BCC⁺97b, CHR00a, Dec00, GAPZ00, GPZ08, HT00, HMP⁺16, Her00, KS05, LBGO23, PHCR05, PAG⁺05, SVTSM⁺22, TPK⁺13, TB22, Trä18, ZPAT99]. **irregularities** [LLP00].
irregularly [SW03]. **Ising** [AL93b, HB90].
Island [RIB10]. **isogeometric** [PSW18].
Isopycnic [BDOS95]. **isostatic** [HWL⁺22].
isotropic [VB92, VB95]. **Issue** [BVC16, CP17, GHH18, HG17, MSS19, NGM19, PS20, RST11, RC17, SYP13, TBM16a, TFV16, AMN16, AAGS18, Ano18k, Ano22m, ASSS11, AGKS15, AGKS16, BH14, BVC19, BC19a, BDG⁺10, BOG15, CP18, CBV13, DF95b, GT19, KST02, KVW97b, RC14, SAGV21, TH20].
Issues [Ano87, BPEL05, MP08b, BLRR02, DM03, DWB99, DSCP88, HLDS95, Hir86, NBB⁺02, Pan01, VV07, WLN⁺96]. **itemset** [XZYQ21]. **Iteration** [WWZ⁺18, GR02, HWB92, Xue96, BBC⁺11].
iterations [BM93, BP93, ÜD89, Wei93, ZDE95].
Iterative [HI92, LPNV20, ABMQO11, ARB94, ARB95, BCVC05, BOVG10, BD89b, BB21, CGG01, CS96, Eis89, ESV10, ES06, Eva84, EY90, FHMS93, FG96, GKT⁺15, HEB96, JP94, KMB⁺18, KA96, MS03a, MS03b, MNP93, Mis87, MS90, Nak05, PS89a, PGW16, RP85, RDS13, RT88, Rod85, SB96, Son94, ZGG92].
iteratively [ZG16]. **ixed** [FD02].

Jacobi [BOVG10, OV06, ADFQO19, BOV02, BO03, DL97, KG87, ME93b, ME93a, RVGG01, TY91a]. **Jacobi-sets** [ME93b, ME93a]. **Japan** [FC05, Ohb85, Oya99]. **Japanese** [YK87]. **Java** [A⁺01a, FWL03, VGRS16, VGS14]. **Javelin** [BB21]. **jet** [JJAP⁺20, SML⁺14]. **Job** [GF03, ABR03, ECLV12, GCP11, MSW91, TRLD13, XYT⁺24]. **job-aware** [XYT⁺24]. **jobs** [BM11, BD95, FCZY17, KEEF01]. **Join** [FC18, BG21a, BG21b, She95]. **joining** [DL06]. **joint** [LWW⁺21]. **Jordan** [Ano03k, ADFQO19, CTT89, Mel87]. **Josephus** [LH00, LH04b]. **Journal** [MSS19]. **JPEG** [NU05]. **JStar** [UWC14]. **July** [Ano21l, Ano21m, Ano22h, Ano23f]. **June** [Ano21n, Ano21o, Ano24e]. **just** [FK94].

Kaczmarz [ESV10]. **Kalman** [Hot89]. **KAMM** [Adr99]. **Kaps** [HE88]. **Karlsruhe** [Adr99]. **Kepler** [TLS16]. **kernel** [AAO13, HBH⁺16, LG21]. **kernels** [BLRR02, EL95, KKW14, WMCU97]. **Key** [DHW97, ZKCL04, NE01, SBZ04, WZL09]. **Kilauea** [Kat03]. **kind** [ADF93]. **kinetic** [CDH⁺03]. **Kirchhoff** [SSS99]. **knapsack** [CCS94, CJ92, CFH89, LLW⁺15, LC97, SSY02]. **Knights** [HSSM17]. **knowledge** [Bra88, DFRC94, LH04a, LMJC96, YTCS97]. **knowledge-base** [DFRC94]. **knowledge-based** [Bra88, YTCS97]. **Knuth** [OW97]. **Knuth-Eve** [OW97]. **Kohonen** [TMCC02]. **Kronecker** [AAHF97]. **Krylov** [AGD⁺17, BLT⁺22, LR99, MSZM14, de 96]. **KSR** [RSRM96]. **KSR-1** [RSRM96]. **KSR2** [BEK95b]. **Kutta** [ES89b, MPJ03].

labeling [IKK15]. **labelling** [HLP10]. **laboratories** [EPS98]. **laboratory** [TLS⁺08]. **laden** [GPLW17]. **Lagged** [Mak94a, MS04a]. **Lagged-Fibonacci** [Mak94a, MS04a]. **Lagrange** [Rob00, Wil88].

Lagrangian [DAD11, NDN20, SG16, TN13]. **Lambda** [CC00a]. **Lambiotte** [Kra84]. **LAN** [ALT04, AAB⁺06, DG15]. **LAN/WAN** [AAB⁺06, ALT04]. **Lana** [AT98]. **Lana-Match** [AT98]. **Lanczos** [ALH⁺14, BCA08, BF06, CSW01, KC91, SWC99, YTSI13]. **Lanczos-like** [KC91]. **Landing** [HSSM17]. **landmark** [KSS06]. **Landscape** [HW02, MVdLvN16]. **landslide** [DS03]. **Langemeyer** [NSS15]. **Language** [Has90, KT99, BN01, BVP⁺89, BE97, CMM⁺88b, FAS02, HXCZ14, Jor88, MIA⁺07, MV87b, OTI⁺89, Seu85, Sne88, Son86, TBM⁺16b, UWC14, VP92, WHW⁺11]. **language-based** [BN01]. **languages** [ANG⁺20, ACH98, Ghe85, JC94, LOST16, SR14, Vio04]. **LAPACK** [Phi91]. **LAPT** [CDA⁺16]. **Large** [Cér07, CDC⁺87, IHM⁺12, MZ04, ORS90, OA08, SMW⁺05, TA14, VRL03, YNO97, van87b, ASA16, ALD01, AMC⁺19, BSH88, BBB⁺14, BW92, B⁺01, B⁺02, BCMG⁺07, Bjø87, BG98, BPC21a, BPC21b, BR84, CLS93, CGK⁺16, CGG01, CS97b, CBP⁺07, CV17, CDH⁺03, CDJ08, DM03, DLS09, DWS⁺23, GR89, GMW96, GWLS05, GW95, GGL⁺05, HCJ03, HT94, HF20, IU87, JBC⁺07, JCWP07, LMC05, LLFZ23, MHE19, MSMC15b, MP02, NHS⁺95, NFG⁺13, NR20, ONB11, OID⁺12, PD11, Qua92, RS08, RJ97, SSSG03, SZ02, SML⁺14, SBM⁺22, Ste90, SLH⁺13b, WYT⁺16, WC90, WZ90, Won88, WP19, YX07, YXQ⁺21, YM05, ZZ03, WH15]. **large-grain** [BSH88]. **large-message** [AMC⁺19]. **Large-scale** [CDC⁺87, IHM⁺12, MZ04, ORS90, OA08, YNO97, ASA16, B⁺02, BG98, BR84, CS97b, HCJ03, LLFZ23, MHE19, NFG⁺13, NR20, ONB11, OID⁺12, PD11, Qua92, WYT⁺16, YX07, YXQ⁺21, YM05]. **larger** [XC02]. **largest** [CIG⁺21, SIWC89]. **laser** [CDH⁺03]. **last** [APPG15, Zen99]. **latencies** [MS03b]. **Latency** [SC05, ACM20, CC97b, GV14, KG21, LW11,

LGM09, NSH⁺²¹, NTHY22, PMS⁺¹³, SA16, Tap84b, VCK⁺¹¹]. **latforms** [FD02].

Lattice [GLS99, GAW96, Uka99, A⁺⁹⁹, BP89, CIS99, CGK⁺¹⁶, EHN99, FHK⁺¹¹, FHK⁺¹⁵, GPLW17, HAK⁺²¹, Hio96, Kat86, Lep99, Lip99a, OKTR13, SR97, XT11].

lattice-Boltzmann [CGK⁺¹⁶]. **law** [MOW96, YMG14]. **laws** [DG05, GL90].

layer [Dod89, FT93, LHG⁺²³, Müh90, PFS⁺⁰⁴, RBM⁺¹⁶, SVC07, SM90, XCR17].

layered [Kak88, WM97]. **layout** [AGK98, GLD08]. **layouts** [BETR17, SSH97]. **LC** [LC99b]. **LCAP** [Hoc89]. **LDPC** [AFS14, GKS07]. **leading** [BRS⁺¹⁷]. **LEAN** [BVP⁺⁸⁹]. **learned** [Gil94a, Sho17]. **Learning** [SA18, AMC⁺¹⁹, BKK24, BSK03, CDZ⁺²¹, DBZ⁺¹⁹, GZH⁺²³, HT92, HT94, Ken90, LG21, LWW⁺²¹, MMC97, SMT⁺⁰⁴, WWZ⁺¹⁸, WZ90, YHL⁺²⁴, da 90]. **leasing** [LSC⁺¹⁵]. **least** [KCN99, LWS02, MS90, NP05, OHZ98, PGW16, Str08, Sun97a, Wei93, YK08, Zhu93, ZG16]. **least-squares** [KCN99, LWS02, MS90, NP05]. **Lees** [RW96]. **Lees-Edwards** [RW96]. **legacy** [CMPM⁺¹⁵, SR14]. **Lemur** [CHLO85].

length [MT90, PW89]. **lengths** [KLL⁺⁰⁹]. **less** [ZRS13]. **Lessons** [Sho17, Gil94a]. **level** [APPG15, ABMQO11, BJ18, BS97, CCS03, CZJS12, CL05, CRGM16, DK04, FFZ⁺¹⁸, FCC16, GRP22, Ger98, Hor93b, HRR08b, HC05, JS13, LHG⁺²³, Lip99b, LCLL00, LND⁺¹⁹, ML00, MAD⁺¹⁶, MGT⁺¹³, NR20, PS89b, RGT17, RW89, SNK06, SG02a, SZ02, SK97b, TW19, TYLL22, XLS⁺¹⁷, DMWW88]. **level-** [Lip99b]. **levels** [BDK06, GHP10]. **Levenshtein** [CR23].

Leveraging [MRBQO14, BPJ22, LFL11]. **lexical** [Hil92]. **lexicographic** [LT94, TL90].

liabilities [ZCPT00]. **liability** [CDM⁺¹⁰].

LIBI [GAA⁺¹³]. **Libmonitor** [Kre13].

libraries [DWS⁺²¹, FB19, FMB98, LG21, Lip99b, SH88, Y⁺⁰²]. **library** [AV15, ABMN02, BGWR21, BCPB05, BJvOR03, BVWH14, CHHW94, CTA22, CGG04, DAA94, DMWW88, HMS⁺⁹⁸, KT99, KMK⁺¹⁹, LEH14, Pry97, SEAH⁺⁰⁸, SBM⁺²², WS98, WPS⁺⁰⁸]. **LICRA** [Kan97]. **life** [CDM⁺¹⁰]. **Lifeline** [RHWF23]. **Lifeline-based** [RHWF23]. **Lifetime** [ZWJ⁺¹⁹]. **lifting** [ALTZ02].

ligand [ZEC⁺¹⁷]. **lightweight** [MCB16, PCL23, SK97b]. **like** [Ale91, CS89a, FGS97, NMARD10, RR89, TSEE21, VGS14, KC91]. **likelihood** [Mal02]. **limit** [JCC⁺²⁴]. **Limitations** [Müh90, Sch95]. **limited** [BDF⁺⁰⁰, BD10, Lah00, MSM98, SB97, ZS21]. **limited-size** [ZS21]. **LINDA** [MSP93, CGMS94, Car98].

line [AALK01, BBQOQO00, CLJ14, Gol86, IT08, Leu93, LDK16, ME92b, RBMO20, ZSH97].

Linear [AvHL⁺⁹⁷, HH89, Jou89, SSD01, Sut97, ŠDJ⁺²², Ume01, ABMQO11, AGLP06, AB95, ARB94, ARB95, AIV95, BBB⁺¹⁴, BG91b, BBK90, Bar95, BLRR02, BP93, BG97, BGMT00, BWW89, Bjø87, Bog92, Bol86, Bon91, BP90, Bru91, BLKD09, CHQORS18a, CTZ⁺¹⁸, CHLS90, CL02, CLA14, CPR⁺¹⁸, CS96, CB97, CWB92, CV17, CMM^{+88a}, CTT89, CIO⁺¹⁷, CDJ08, CGG04, DY91, DR18, Don05, DH84, DvdV99, DGP⁺¹⁶, DR03, ESV10, EL95, ES06, ESK88, EB88, EG92b, EG94b, EB98, FF21, GKT⁺¹⁵, GR89, GMW96, GYH94, Gao87, GW95, GH90, GG10, GPSK09, GE93, HS90, JK91, JP94, KMB⁺¹⁸, KS89, KL00, KL90a, Koç97, KPS90, LWS02, LL90, LN87, MS03a, Mal02, Mas98, MC04, MG19, Mei85, Mel87, Mel88, MNP93, NHS⁺⁹⁵, NZ97, NE01, Pis92, PGW16, RRS88, RR89, RS08].

linear [RP85, Reu88, RS88, SSSG03, SS02, SK87, SZ02, Slo91, SE93, Stp93, SE98, Sun97a, TKC⁺¹⁴, Ter10, Ter13, TDB10, THK14, Wag89, WE93, Wan08, WP19, YK06, ZM94, dP90b, van87a, van87b, DN16].

Linear-time [Ume01, Wan08]. **linearized** [HWB92]. **lines** [WAB89]. **link**

[KSP97, KLL⁺09]. **link-disjoint** [KSP97]. **link-faults** [KLL⁺09]. **linkage** [SBM⁺98]. **linked** [SSP⁺98]. **links** [BMT92, CF04]. **LINPACK** [KK92, DZM⁺13]. **liquid** [PBTC89]. **LISSOM** [CC02b]. **List** [KKT00, SS04, YG93, Che08, CFH89, LC97, SSY10, ST21, XRW⁺19]. **lists** [KS95]. **live** [TKK⁺05]. **Livermore** [Feo88]. **LIW** [CCRR91]. **llc** [DLdS06]. **Load** [BP97, BS05, BM01b, DR93, EB94, GGV04, GH92, LX00, MG19, MCG⁺12, SGS95, YSBM97, BCPB05, BV04, BF95, BD18, Bog92, CE94, CS00, CFF17, CG87, DLM97, DLR94, DR95, Dec00, DG90, DFM99, DPSW00, EB93, FMD98, FG96, HL97, Hor93b, HB99, JH97, KNP97, KEEF01, Koh95, MD04, MMT07, MSE07, MZ95, NC97, OBG00, PRR03, RHWF23, RCAP11, San99, SSLK00, Son94, TSJB00, VR95, YEC97, Zam99]. **Load-balancing** [GGV04, MG19, BD18, HL97, MZ95, TSJB00]. **load-imbalanced** [MG19]. **Load-skewing** [LX00]. **loading** [BGM03, PM03]. **loads** [BD10, DG99, San99]. **Local** [BBL⁺16, BT01, DC15, EGKU02, ER18, TJ97, ACM20, BL99, BFM90, CKLM14, Fre89, GHNL87, MPD00, Ng93, PHM⁺22, RS88, SDv98]. **local-memory** [GHNL87, Ng93]. **Locality** [RR16, CDA⁺16, FCC16, GPZ08, HCR01, Mah96, PCLM18, SIH14, Vio04]. **Locality-aware** [RR16, CDA⁺16, FCC16]. **locality-awareness** [PCLM18]. **locality-based** [GPZ08]. **localization** [ATA⁺16, KY98]. **locally** [SSP⁺98]. **location** [BCG00, CSEK03, GPS03]. **Log** [GLP08]. **Log-map** [GLP08]. **logarithmic** [BO91, GDMS97]. **LOGFLOW** [KNP97]. **logging** [PLY02]. **logic** [CF91, Her00, UAR⁺99, VKH99, Wel89]. **logical** [CZTS99, LWZL24]. **logistics** [LM03]. **LogP** [KKT00, LZ00, Ver00]. **LogP-machines** [LZ00]. **Long** [dP90b, CR23, LL88, OWW16, ZCBD22, Zla88]. **Long-range** [dP90b, Zla88]. **long-track** [OWW16]. **longest** [Lin94, TNZM20, TTO⁺22]. **look** [BRS⁺08, CHQORS18b, TRSC⁺19, Wei91]. **look-ahead** [CHQORS18b, TRSC⁺19]. **lookahead** [BT01]. **Loop** [BDSV98, BBC⁺11, BCR00, CDRV97, DR94, Dar00, DWX⁺12, DR96, GGL99, KR10, MJ95, MSE93, NL98, WMCU97, Xue94, YTCS97, YCS07]. **loop-carried** [BCR00]. **loops** [BPK12, BCR00, CK90, DFRR91, Feo88, GGL99, GDMS97, LK00, SM13, TM09, WW92, Xue96, Xue97]. **loosely** [CC99b, Gro87]. **loosely-coupled** [Gro87]. **Lop** [RGDM15, WCC⁺22]. **loss** [Lin93]. **Low** [BLT⁺22, LLFZ23, RGT17, XXQ⁺15, ARCH05, CFD⁺16, CHQORS18a, CC97b, CC00c, DHS00, GPSK09, HJ05, KG21, LAS90, Lec89, NSH⁺21, NTHY22, N⁺00, SSL03, Trä18, XKL⁺22, YA24]. **low-cost** [CC00c]. **low-density** [ARCH05]. **low-latency** [NSH⁺21, NTHY22]. **Low-level** [RGT17]. **Low-overhead** [XXQ⁺15]. **low-power** [CFD⁺16, CHQORS18a, YA24]. **low-rank** [XKL⁺22]. **Low-synch** [BLT⁺22]. **Lower** [TYLL22, GK92]. **lowest** [LO92]. **Lowry** [WWT01]. **LPN** [TSCS14]. **LR** [JCC⁺24]. **LR-TDDFT** [JCC⁺24]. **LU** [AC94b, BB21, MW11, SB92a]. **Lunch** [FC18]. **Lustre** [CDZ⁺21]. **LVQ** [HKSK97]. **Lyapunov** [BEK⁺11, KS16]. **LZ2** [De 95]. **M** [HE88, FD02, DG94]. **M-cache** [DG94]. **M3Set** [BE97]. **MAC** [CWK09]. **Machine** [BL94a, DLPS92, McB88a, Sin90, SA18, AK89a, Amm89, AGGG06, AGGM90, BDK96, Car98, DFR92, DG95b, DZG94, EHE92, EG90, FHMS93, GKAS91, Hor93a, LG21, LKTZ88, MA22, OTI⁺89, OKSY92, SB94b, Sor84, SJJ85, WP88, YHL⁺24, ZLPF16, DF91, Evr01, JK92, LSP92]. **machines** [AIO95, BKS06, BRS97, BMYK98, BD89b,

Bro99, BWZ95, Cal96, CdCM07, DG90, ED04, GMS04, JK91, JCL92, KA96, Lan99, Lan90, Li91, LS93, LZ00, LF00, MAB17, MW94, MOW96, NH11, SN88, SNK06, SS94b, TX00, TPK⁺13, Wor97, ZZ03, ZGG92, dGR95, di 97, DFO93]. **macro** [MSW91]. **macro-tasking** [MSW91]. **macros** [BRH90]. **macroscopic** [Wei01]. **macrotasking** [DO88]. **MAD** [KGV97]. **Madeleine** [ABMN02]. **magnetic** [MRW⁺08, SHRN98]. **magnetohydrodynamic** [KT00]. **magnetohydrodynamics** [CCP⁺21]. **Maintenance** [WE91b]. **major** [WLK⁺18]. **makespan** [CHR18, ST21]. **making** [KNR00]. **MALLBA** [AAB⁺06]. **malleable** [IMQO⁺18, MSMC15a]. **management** [A⁺02, ACM⁺15, Bak00, BCG00, BLCR21a, BLCR21b, BGL01, CHBS18, CDM⁺10, DCR⁺16, DWH⁺08, GJMM18, Kan97, KKH04, KAM⁺20, LLP00, LF98, LCLA19, LMH08, MKK⁺19, PŚ00, RMRN05, RGBC11, SVC07, TPK⁺14, WXL⁺18, Y⁺02, YD01, YBM05, ZCPT00, vOS⁺98, MPZS13]. **manager** [BÁJG⁺20]. **managers** [RMACG10]. **managing** [LLP00]. **maneuvering** [TB03]. **manifesto** [Col04]. **manifold** [Han85, Pap98]. **Manila** [MHE19]. **manipulating** [MHT06]. **manipulation** [AL93a]. **MANNA** [Sod02]. **manufacturer** [SH91]. **many** [ABB⁺16, BB21, Cal85, CFF17, CDGI15, DTR18, DEH⁺11, FD18, AKK16, GB14, JMA⁺13, LSY⁺24, LXC⁺18, MMP⁺21, NMAB19, SBP12, SA13, Sug99, Vég18, ZJD⁺23, RHWF23]. **many-body** [Sug99]. **many-core** [ABB⁺16, BB21, CFF17, CDGI15, DTR18, DEH⁺11, FD18, GB14, LSY⁺24, LXC⁺18, MMP⁺21, NMAB19, SBP12, SA13, ZJD⁺23]. **many-cores** [JMA⁺13]. **many-processor** [Cal85, Vég18]. **Many-Task** [RHWF23]. **manycore** [AAO13, CS19, MII⁺11, MCB16, TDB10]. **Manycores** [ABH18, BH14, CFD⁺16, SHB19]. **map** [GLP08, KSS06, TN13, WHW91]. **map-reduce** [TN13]. **Mapping** [BDNP11, DR94, DR96, FFLV96, DST15, HKSK97, HHSM88, KM89, LBL95, MM96a, Pop88, SSS⁺05, TMCC02, Wol89, ARCH05, AAO13, ANG⁺20, BBL⁺16, BE93a, CHLS90, CS19, CA92, CDA⁺16, DCN⁺15, GAMR03, HCT16, Hen93, Hur93, KNP97, KTN⁺14, MGSK87, RV96, RH12, SER90, SNK06, SM91, YXQ⁺21, YL86, ZLD15]. **mappings** [BM93, RKS92]. **MapReduce** [BD18, FCZY17, KdBMA⁺13, LWJ⁺17, MMM13, PD11, RDS13, SWYM17, XLY⁺20]. **March** [Ano20l, Ano22i]. **marching** [Vaj84]. **market** [CC00b, CL05]. **marketplace** [SDMS99, SDMS05]. **Markov** [Beb97]. **masks** [APRP97]. **mass** [ND95]. **massive** [DM90, Ger94, KTN⁺14, PCL23, Xue94]. **Massively** [B⁺00, CGK⁺16, DFO93, GL90, TMD⁺97, W⁺99, AK89a, AMP92, BRS97, BHM⁺95, BEK95b, BWZ95, BK97, ÇFG⁺12, CR90, DFR92, DEGS95, DFRC94, DAG⁺09, Ekl04, GWWM09, Ger98, GHC04, HLDS95, HISS92, KK01, KCN99, Li97, NNB⁺99, NZ92, Rea90, RR97, RKMJ10, SHPA05, SSB12, TJ97, WRB97, WOKH96, YNO97, ZJD⁺23]. **massively-parallel** [HISS92]. **Master** [CMSL06, BPP10, HP05, JMLBL98, PRV08, dSS09]. **master-slave** [HP05, PRV08, dSS09]. **master-worker** [BPP10]. **Master/Worker** [CMSL06]. **masters** [MV99]. **match** [HGM20, AT98]. **matching** [AB16, BDP20, BGL⁺88, CDBL08, Dod89, FLPG18, GGA19, HHQ06, KBBC88, LPM11, LAHM14, LFS⁺19, LSF⁺15, MPD00, SHPA05, SSB12, SKC90, TLS16]. **matchings** [OA91]. **materials** [AC00, YD97]. **math** [CTA22]. **Mathematical** [ES89a, LS90, Zla88]. **mating** [GÁVRRL18]. **MATLAB** [UÇA10, EL16]. **Matrices**

[DZLK20, BW92, BRS97, CU04, Con89, DR18, EB98, GD90, GKAS91, KGS08, KKSS90, Kuz98, Lan96a, LE91, Liu89, ML23, MAH⁺19, MJ94, MW11, Mel88, MP02, MMS90, Pet84, Pin91, SK91, SPMB23, SGP22, SMM90, THM⁺95, VP94, VB95, Wai88, WC90, XKL⁺22, ZVWS88, GV11].

Matrix [AGPS03, ASSS11, AGKS15, AGKS16, ABH⁺10, BDG⁺10, CGNR06, DS13, FOH87, GMMT16, MV87a, UÇA10, ASA16, AAGS18, Ala95, AMP92, AC94b, AB16, Bar95, Bar97, BG01, BGSS14, BR89, Ber89, BDK95, BF06, BVWH14, BTLK18, CKM94, CS87, CDW95, CG89b, CGQ93, CMT96, DD87, DEGS95, DTR18, DSS86, Dow95, DB03, EM88, EMB89, EM90, EL91, Eva92, EW93, FAF16, FG89, Fis90, FPT91, FG96, GR01, GPS⁺08, GS96, GKV94, HH91, HCR01, HRR08b, Joh93, Kak88, KG87, KB20, KST02, KP93, KK94, KD10, KAD09, LB23, Leu89, Lin91a, LPPS01, LV15, LT90, Mal02, ML20, MRBQO14, Mar14, MAH⁺19, MWH95, ME89, Meg90b, MS89, NMAB19, NYFK06, NM01, Nel93, NW96, OZ02, Pet91, RH99, Ris90, RZ95, RR16, SAGV21, SA16, Sil88, SPMB23, Ste90, TY91a, TM90].

matrix [VTmL03, VFG12, WP88, WE93, WL14, WOV⁺09, WRS12, YE95, YB11, ZJD⁺23, ZDE95]. **matrix-algebraic** [AB16]. **matrix-based** [WL14]. **matrix-matrix** [NMAB19, Ris90, RR16]. **matrix-squaring** [EL91]. **Matrix-Vector** [DS13, AMP92, CMT96, DEGS95, FG89, GR01, HCR01, KD10, Lin91a, LV15, Mar14, WOV⁺09, YB11]. **maturity** [FMM10]. **max** [SB92b]. **max-min** [SB92b]. **maximal** [AB16, CS97a, CC92, Co019, GS04, HC04, SM88, YL19]. **maximize** [ZLPF16]. **Maximizing** [LL98]. **maximum** [BM93, CMM⁺88a, HM89c, LAHM14, Mal02, NA03, SKC90, Shy90, Wen95]. **Maxwell** [ABG⁺06, DE09, HKL01]. **May** [Ano20m, Ano21p, Ano22j]. **MBSP** [Ger15]. **MCD** [MMP⁺21]. **MCSPARSE** [GMW96].

means [BY21, BCYB11, GÁVRRL18]. **measure** [OWZ91, Zub90]. **Measurement** [ZAA⁺21, CB17, EHHS89, OL86]. **measurements** [Hoc85b, PSS94, RH13, Tem89]. **measures** [HCR01]. **mechanic** [SWW99]. **mechanical** [CT88, KR00]. **mechanism** [DG94, GZH⁺23, MSS⁺05, PSF⁺15, RGBCS09, YMY⁺19]. **mechanisms** [CPdM⁺97, PGGL17]. **media** [DP02, DDF⁺10, GM98, JSC97, RBL97, WB97]. **medial** [Wan09]. **median** [GLMBMPMV03]. **mediaprocessors** [MKK03]. **medical** [BMYK98, Chr98, DCDV98, SHPA05, WJK98]. **Medium** [Kau94]. **Medium-range** [Kau94]. **meeting** [DA06]. **Megacell** [LKTZ88]. **MEGAFLOW** [A⁺01b]. **Megathrust** [BKL⁺19, BBL⁺19, WHL19, BKS19, HZY⁺19, LYC⁺19]. **Meiko** [BCM94, BHM94, Hoc94]. **melts** [OCSBY01]. **membranes** [SSV⁺16]. **Memoriam** [Hol11]. **memories** [ARZ97, PPZ93]. **Memory** [BS00b, CAA98, DCD97, DGBP05, KKH04, Sch91b, ABGR21, AGH⁺94, AGL08, AFT23, ADMV05, AB16, BG91a, Bai88, BKS06, BZ96, BZ99, BD10, BC04, BFM90, BM01b, BD89b, BDS88, Bro87, Bro88b, BS96, Bru91, BCMSW03, BMG07, BFR93, Cal96, CHZ⁺19, CTZ⁺18, CPR⁺18, CSH⁺11, CDW95, CG89a, CG89b, CSW01, CRT89, CJ95, DL92, DR94, DR93, DLR94, DH91, DPFT19, DvdG92, DZG94, DM02, ECG93, EHHS89, FFLV96, FFZ⁺18, Fie96, FBMV88, FA11, FHMS93, FBAB13, FGP23, FDTZ04, FM88, Fre89, GSE⁺15, GGH⁺22, GD90, GHNL87, Ger98, GK92, GHH⁺03, GB14, GL97, GLU03, HH91, HM02, HCT16, Hey91, HC89, HK90b, IKK15, IYV⁺22, IHM⁺12, JLY18, JIC96, Jor86, KW90, KK03, KK11, KJA15, KV99, KKŽ05, KZV97, KA96, Kuz98, LSL14, Lan99, LPM11, LR07]. **memory** [Lee95, LC02, LC17, LLD19, LSL02, LXD⁺23,

LS93, LF00, MP92, MMC97, MAB17, Mar95, MM00, MMTU18, Mat95, MSSC10, MCP⁺14, MW94, MBC97, Ng93, NA08, OL86, OILZ17, PLY02, PK05, PRV87, PB16, PGK⁺18, PGAA16, Phi91, QWD⁺21a, QWD⁺21b, RB14, RDS13, RGDM15, RMACG10, RS88, RG92, Rot95, RV95, SSKÇ15, SNK06, SK97a, SG02a, SB94b, SLH⁺18, SCL⁺23, SPMB23, Sol88, SB92a, Sun97a, TX00, TSCS14, TB07, Tol02, VA14, WW95, Wal94a, Wal94b, WC94, WME⁺95, WY11, WH15, WE92, Wil88, Wri91, YL19, YSBM97, ZE92, ZWJ⁺19, dGR95, di 97, DR15, HL13].

memory-constrained [QWD⁺21a, QWD⁺21b, TSCS14].

memory-coupled [FBMV88]. **merge** [AHBLR12, EY86]. **mergesort** [BGV97].

Merging [GS01, GS06, CG92, Eva90, HK90b, LWW⁺21, VIHD90, WE91a]. **Mesh** [HST87, AAZ96, BN01, BCYB11, BAS13, CC95, CD00, DHS89, DPSW00, DG05, DG99, EJLC00, FK98, Far94, FCC16, Fie96, Glo95b, GV08, HHK95, HAK⁺21, HI92, HT98, IDS16, IJCL96, Jan06, Jeo91a, Jeo91b, Kak88, KH97, KŠR04a, KŠR04b, Lan96b, Lee97, MM96b, MGT⁺13, OBG00, RVGG01, Sch91a, Son92, VTmL03, WC00, WN91, Wan08, YD01, YSBM97, dG98, de 96].

mesh-adaptive [DG05]. **mesh-based** [de 96]. **Mesh-connected** [HST87, CC95, HI92, Jeo91a, Jeo91b, Son92, WN91, YD01].

mesh-of-processors [DHS89].

mesh-particle [BAS13].

mesh-partitioning [KŠR04a, KŠR04b].

meshes [Bar97, BL99, BMT92, CC02a, CST02, DAD11, Glo95a, HB94, HM97, MB00, NC02, OSZ93, RV96, ST02, SW00, TT00, Tro00, VB92, ZL04]. **Mesoscale** [Adr99, Mic97, AFG⁺97, TMD⁺97].

Message [BC19a, BCM94, BL94a, Fer97, GDAK06, PW89, SSOB03, AB02, ARCH05, AMC⁺19, AE93, BRWL09, BDOS95, BWL00, CHHW94, CGMS94, CDZ⁺98, CCS03, DG94, DM02, FK94, GGA19, Gog11, HP05, HM86, HGM20, ISO⁺03, Jia09, JOL⁺21, JIC96, KM89, KNTG08, LFS⁺19, MRBQO14, McB94a, MRT93, MBK12, MKL⁺88, NC02, Pie94, Pry97, SK97a, Ste90, TO91, Wak04, Wal94a, Wal94b, WLYJ13, WY11, FGG⁺98, GLDS96, WZL09].

message-based [HM86, KM89, MKL⁺88].

message-dependent [WLYJ13].

message-driven [MBK12].

message-handling [DG94].

Message-passing [BL94a, GDAK06, ARCH05, AE93, BRWL09, BDOS95, BWL00, CHHW94, CGMS94, CDZ⁺98, CCS03, Gog11, JOL⁺21, MRBQO14, MRT93, Pry97, SK97a, TO91].

messages [BL94b, Gir02, TM94].

Messaging [ZKCL04]. **meta** [MT00, MMT06, SK97b]. **meta-heuristics** [MMT06]. **meta-level** [SK97b].

meta-systems [MT00]. **metabolic** [JTS⁺11]. **Metacomputing** [EHR⁺98, vOS⁺98, BGK⁺98, BG98, DFRZ02].

metadata [DCR⁺16]. **metagenomic** [FJPA17]. **Metall** [IYV⁺22].

metaprogramming [TSEE21].

meteorological [Car88b, MSM98]. **Method** [DVG98, FTY⁺20, MKJC21a, MKJC21b, YR18, AL93a, AGL08, ALH⁺14, AHBLR12, BSE88, BG91a, Beb97, BE92, BBQOQ00, BG97, Ber00, BFM90, BP02, BBB19, CH98, CLS⁺16, CAC⁺09, Car88b, Cha99, Cv98, CL02, CV17, Coo19, CGMM99, CKLM14, DM03, Dag07, DL92, DL97, Dav88, DR03, ES88, ETV91, ESK88, ES89b, EC91, EL91, Eva91, Eva92, EG94a, Gao87, GPLW17, Gol88, GdCCS03, GTW⁺20, GKS98, Has01, HAK⁺21, HK92b, Hor93b, HHSM88, HWL⁺22, ISO⁺03, KR97, KS89, Kan93, KG87, Kas85, Koç97, Kru97, LRH97, Li97, ME90a, MW11, MBC92, Mei85, Meu87, Mv88, Mil01, MS91, NYFK06, NC02, OJ90, PLP97, PJ84, PJV00, PL00, Pir96, QWD⁺21a, QWD⁺21b, RSK99, RV95, RVGG01, SCCP08, SCCPM14, SS89b, Sch87,

SY87, Slo91, Sur10, TW19, TGE92, Ter13].
method [VBS⁺15, VJ12, VA14, Wak04, WL13a, WWR05, WYX⁺22, WBS06, WAT20, WY11, WAB89, WH93, WP19, XT11, XRW⁺19, YE94, YE95, YTSI13, YXQ⁺21, YWP11, YL19, dF99, van87a, Ger94].
Methodologies [OKSY92]. **methodology** [BE93a, CMT04b, DSCP88, GF03].
Methods [Lop93, Reu99, TO99, ADF93, AÖ22, AFPG12, Bai99, BRS97, BE89, BFH23, BD89b, BM90, CS95, CG89a, CS96, DF00, DL04, DK04, Eis89, Eva84, EY90, EL90, EK98, FBMV88, GT92, HA05, HM89a, HZ93, HM86, HHR87, JDC02, KW90, KHC92, LR99, LP92, MS03a, MRW⁺08, MQ89, MSZM14, ME90c, Meh93, Mis87, Nak05, ÖW10, Oli96, Ort88, OR88, PS89a, Pel97, PŠ00, PER17, RM97, RT88, Rod85, SGS95, She96, Str08, SP93, TKG97, Thu90, Thu91, TLC⁺21, WB88, Wat00, YM05, YSBM97, Zha95, de 96]. **METIS** [TTT⁺92]. **metric** [FBAB13, Jeo91b, SG91].
Metrics [Ori10, PMAL14, Wor91]. **Mfold** [MSSC10]. **MGR** [Kam87]. **Miami** [BDOS95]. **MICOM** [BDOS95]. **Micro** [EO91, BY21, FA11, LXC⁺18, NR01, TA14]. **Micro-** [EO91]. **micro-benchmark** [LXC⁺18]. **micro-finite** [FA11]. **micro-services** [BY21]. **micro-simulation** [NR01]. **microbenchmark** [YHE⁺19]. **microcode** [SC92]. **microprocessor** [RG09]. **Microscopic** [NS94, Wei01]. **microservices** [dNdRRL⁺21].
Microtasking [DO88]. **Microwave** [TAB⁺19]. **Middleware** [BAB⁺02, DFRZ02, GE11, HSC12].
migration [BTZ06, BK07, CRGM16, GV08, HB84, LSL02, RIB10, SSS99]. **mildly** [Pir93, Pir96]. **military** [LG01]. **millions** [SKE⁺22]. **MILU** [SY21]. **MIMD** [AB02, AGGM90, ADE84, BBK90, BE89, BE92, BE93b, Bog92, BT88, Chr98, CMRT88, CF90, CJ95, ER95a, ER95b, FFLV96, GKAS91, Hoc85a, Jor86, Kas85, Koh95, Kut02, LPCA98, LE91, MR89, MW94, MMS90, NM01, SN88, Sen91, SSL03, Sor84, Ste88, Uhl96, ZBG88].
MIMD/SIMD [MW94, ZBG88]. **min** [SB92b, ZG16, MSS⁺05]. **min-cut** [ZG16]. **minima** [Kim98]. **Minimal** [BHK89, BR90, CF04, MA22, Tap84b, TL94, XC02, ZL04]. **minimize** [LX00]. **Minimizing** [HK02a, IZS⁺20, Joh93, MMP⁺21, LL98, WL14].
Minimum [BDK96, LC99a, ACM20, BG97, Cal96, CG93, CMT96, DDP90b, HWW92, LS97, Ume89, WL13a]. **Minimum-weight** [BDK96]. **mining** [C⁺01b, CV02, GM04a, GK04, HLvHA11, SSN04, VA14, XZYQ21]. **minisupercomputers** [WSL88]. **MIP** [APPG15]. **Miscellaneous** [Ano97]. **miss** [LD98, RH13]. **Mixed** [OM90, BEK⁺11, HSS07, HHOMR06, PWY03, RC15, SK87, YLCT18].
mixed-mode [HSS07]. **mixed-precision** [BEK⁺11]. **mixing** [CdCM07, GJMMS97, KRS⁺21]. **mixture** [EPMPU02]. **MkIIa** [ADE84]. **ML** [GH98]. **MLEM** [Möl99]. **MLP** [Taf01]. **MM5** [Mic97]. **MM90** [Mic97]. **mobile** [APPG15]. **mobility** [DMT06]. **Mobilizing** [XYT⁺24]. **Möbius** [HC04]. **mode** [GWC⁺99, HSS07].
Model [BDOS95, WRS12, AL93b, ARR19, AFG⁺97, BJ18, BMS01a, BDI⁺95, BFVRC14, BI07, BJSN04, CE94, CCEJ01, CK90, CC96b, CC00b, CH92, CGM⁺92, CH97, DM97, DGNP88, DS03, DFM⁺95, FK98, FGHB94, FMS⁺06, FBAB13, FG96, FT93, GZHX17, GE11, GLS01, GS01, Ger15, GCP11, God00, GPZ08, HRW⁺95, HLDS95, HLvHA11, HB90, HT92, HB84, IB01, JAA06, JKH95, JMA⁺13, Kas84, Kat86, KD97, KSS98, KA96, KK94, KS99, LH88, Lin01, MRW⁺08, MSM98, MS99a, MM96b, MZ95, NLG99, Nak05, OCPT97, PFS⁺04, PEO16, RRS⁺00, RR14, RR16, SHN12, SKC90, SPW⁺15, SB97, SSBT19, SW03, TMD⁺97, Tol02,

Van02, Ver00, WNES01, WM97, WAT20, WME⁺95, WvR16, WLK⁺18, WWT01, YK06, YK08, Yaş01, YHZ21, ZLT19, ZCPT00, de 96, Adr99, HW02, Mic97].

Model [RIB10]. **Model-driven** [WRS12, JMA⁺13]. **Modeling** [AE93, CMSL06, CC99a, GHH⁺03, HCR01, LGM09, LF88, MRSB94, RGDM15, TYSF13, AATK10, BMS97, BMS01b, CC96a, CLA15, CTW14, CCH⁺21, DS96, DF95a, DF95b, ES89a, FHK⁺15, HGS10, Kot97, KNTG08, LG01, Lin08, LND⁺19, MVdLvN16, MJ99, NMAB19, NS94, PCC19, SXBD97, SLS⁺21, WN91, WFW⁺11, WCC⁺22, vWWM⁺19].

Modell [SK97a]. **modelled** [CM95].

Modelling [EHHS89, ME92c, OL86, PWM00, Ano99b, BR99, BS96, BGRD00, DS07, DRJSW97, MHE19, MST94, MSV15, ORS90, OZ02, PTK04, SHRN98].

Models [ABH18, BVC16, BVC19, ZDE95, AGL08, BH14, BK94, BG07, BAJG⁺20, BPP10, BWZ95, BPC21a, BPC21b, CBV13, CFW⁺22, FF21, FRS⁺88, GSE⁺15, GK03, Gil94b, HK00, Hoe12, JMLBL98, KLS⁺88, LD98, Liu86, LP92, MM96a, Mal02, MPZS13, MCB05, MTV08, MMTU18, MLM⁺00, MSW98, NZHY11, RE98, RP85, Rob00, STP⁺19, San02, SA16, SHB19, SVC19, TL96, Xu07, YMJT10, YNY⁺17, Zla88].

moderate [Uhl96]. **modern** [BMYK98, CGH⁺19, EYP⁺20, GS22, Gil88, LT19, PCN10, TF98]. **modified** [CH92, CKLM14, OW90, WN91, YE94, YLCT18, GGFF93]. **modifying** [KJ07].

ModSAF [BG98]. **MODTRAN** [WLCG02, BRS⁺08]. **MODTRAN-based** [BRS⁺08]. **Modular** [Bar95, TO91].

modulation [BKK24]. **moduli** [Mas98, MC04]. **moldable** [LHR⁺19, MMSS22]. **Molecular** [GM04b, N⁺00, AFPG12, BL94a, BCA08, CCCP92, DG15, DMG⁺04, GCC19, GM04a, GVH08, GHC04, HC05, KHN01, LBL95, LVC16, LBWR90, LHZ⁺20, MT97, MO99, NC97, PJV00, PBTC89, SKE⁺22, SSS92, SWW99, SVTSM⁺22, STKA96, TJJ93, XRW⁺19].

molecules [RD07]. **moment** [IS18]. **moment-based** [IS18]. **moments** [LCLL00]. **monadic** [BI07]. **Mondriaan** [BF06]. **monitoring** [AAB⁺16, JCWP07, KNP97, Kre13, MCC04].

Monitors [BL94b]. **mono** [MPJ03]. **mono-implicit** [MPJ03]. **monodirectional** [BMT92]. **monotonic** [BPEL05]. **Monte** [Ken99, vS92, ACC⁺88, BSH88, BLFT84, DP95, EEH⁺19, FHL87, FHJ⁺84, GPW⁺08, HA97, HSFS14, LM00, mM94, MD88, MAM⁺09, MB88, ÖW10, ZLM98].

morphology [LS90, VLSPL19]. **most** [HWW92, LS97]. **motif** [AED21]. **motifs** [FM15]. **motions** [FC05]. **motivations** [Gup99]. **movement** [BJV⁺16, MV17, MS20, THK⁺99]. **moves** [DW00]. **moving** [DAD11]. **MP** [Oed92, ARW93, Cal85, DH91, FSY88, Gur88, HL88, Hoc85b, HKN89, KN88, MSW91, Nag90, OL86, Pin91, RR97, SW91, Sea86, Tem89].

MP-1 [RR97]. **MP/48** [Meu87, Nag88]. **MP2** [Ber00]. **MPAS** [OAJ⁺16]. **MPAS-ocean** [OAJ⁺16]. **MPC** [BPJ22, Las02]. **MPCD** [HJS23].

MPDATA [WSR14]. **MPEG** [AALK01, BC04, NU05]. **MPEG-2** [AALK01]. **MPEG-4** [NU05]. **MPI** [AKB⁺19, ADLL03, ADR⁺05, AMC⁺19, BPJ22, CAHT17, CRGM16, DSG17, DR18, DPFT19, DWS⁺21, EYP⁺20, FBD01, FLPG18, FL21, FCS⁺19, GJMM18, GLDS96, GL97, GT07, Gro19, HMS⁺19, HJB⁺21, HG12, IDS16, JJM⁺11, KTAB⁺19, LK14, LFS⁺19, LWZL24, LFL11, LGMdRA⁺19, MV17, MSMC15a, MAS06, MRRP11, MMM13, MTW07, Nak05, PVK⁺22, PGBF⁺07, PD11, PHM⁺22, Ram07, RMS⁺18a, RGDM15, RGGP⁺18, RSC⁺19, STP⁺19, SSN⁺21, SC19, SBM⁺22, SRS⁺19, TSCS14, TGL02, TG09, Trä12, THMH21, VLSPL19, VGRS16, Wal01,

WCC⁺22, ZJDW18, ZCBD22, ZGZS20].
MPI-3 [FCS⁺19]. **MPI-based** [TSCS14].
MPI-CUDA [DR18]. **MPI-IO** [TGL02].
MPI-thread [IDS16]. **MPI/OpenMP**
 [ADR⁺05]. **MPI_T** [HHK⁺19]. **MPICH2**
 [BMG07]. **mpiecho** [RGdS⁺13]. **MPP**
 [Hoc94, SSP⁺98, SWC99, XH96]. **MPPs**
 [MS03b]. **MPSoC** [MFS⁺19]. **MPSoCs**
 [SSO⁺14]. **MR** [HE88, PB11]. **MRO**
 [MMM13]. **MRO-MPI** [MMM13]. **MRSG**
 [KdBMA⁺13]. **MSPAI** [HKR⁺10]. **Multi**
 [BKL⁺19, DGKF19, HHGA15, JS13,
 LCE⁺18, LHG⁺23, SHvAP13, SA18,
 WHL19, XT11, ZP16, ZL04, ABGR21,
 AAV08, ADEQO19, ACM20, ACGL04, BJ18,
 Bar95, BL99, BFL⁺01, BKS19, BL94a,
 BD10, B⁺02, BNS⁺07, BNK15, BBL⁺19,
 CRGR⁺13, ÇFG⁺12, CLA15, CC00a,
 CCW01, CLC⁺18, CSB00, CDGI15, CIO⁺17,
 DR95, Dod89, DFH⁺13, DSSD18, DWL⁺12,
 EMV⁺18, EJLC00, FWL03, FMA17, Far94,
 FYH⁺18, FT93, GZHX17, GCH21, Ger15,
 HSR⁺14, HZY⁺19, Hor93b, HRR08b, HF20,
 IM88, JLLC22, JAA06, JJM⁺11, Kat01,
 KKH04, Kie91, KD10, LLX⁺18, LYC⁺19,
 LHL18, LXL⁺22, LNA06, MCY⁺24, MII⁺11,
 MWI⁺15, MBB⁺18, MPZS13, MSW91,
 Müh90, NMAB19, NMMG13, PFS⁺04, Pea19,
 POHS14, PB11, PL00, PTS⁺12, RGT17,
 SWCBQ19, SC03, SFSV13, SPW⁺15, SM90,
 SWR⁺18, VLSPL19, VJ11, VK17, VA14,
 WZS⁺14, WYX⁺22, WAT20, WY11, Wor97].
multi
 [WLZ⁺23, YLW⁺13, vv91, AA24, LGD⁺15].
multi- [CDGI15, MII⁺11].
Multi-accelerator [HHGA15].
Multi-Agent [SA18]. **multi-attribute**
 [CRGR⁺13]. **Multi-Body**
 [LCE⁺18, CLC⁺18, DSSD18, FYH⁺18,
 LLX⁺18, LHL18, MBB⁺18, SWR⁺18].
multi-cell [BL94a]. **multi-channel**
 [WLZ⁺23]. **multi-chip** [NMMG13].
multi-cluster [JAA06]. **multi-core**
 [AAV08, BJ18, BNS⁺07, ÇFG⁺12, CLA15,
 CIO⁺17, DFH⁺13, Ger15, JJM⁺11, KD10,
 LXL⁺22, NMAB19, PB11, PTS⁺12, RGT17,
 SWCBQ19, SFSV13, SPW⁺15, VJ11, VA14,
 WZS⁺14, WYX⁺22, WY11]. **multi-cores**
 [MPZS13]. **multi-CPU**
 [ADEQO19, LGD⁺15]. **multi-CPU/GPU**
 [ADEQO19]. **multi-dimensional**
 [B⁺02, CC00a, CCW01, EJLC00, Far94].
Multi-GPU
 [SHvAP13, XT11, ABGR21, FMA17,
 GZHX17, HSR⁺14, AA24, LGD⁺15].
multi-GPUs [GCH21]. **multi-grid** [DR95].
multi-head [Wor97]. **multi-improvement**
 [ACM20]. **multi-job** [MSW91]. **multi-layer**
 [FT93, LHG⁺23, Müh90, PFS⁺04, SM90].
Multi-level
 [JS13, LHG⁺23, Hor93b, HRR08b].
multi-linear [Bar95]. **multi-morphology**
 [VLSPL19]. **Multi-Objective**
 [DGKF19, HF20, LNA06, VK17].
multi-parallel [BNK15].
multi-partitioning [BFL⁺01].
Multi-phase [ZL04]. **multi-phase-field**
 [WAT20]. **Multi-Physics**
 [BKL⁺19, WHL19, BKS19, BBL⁺19,
 HZY⁺19, LYC⁺19, Pea19]. **multi-platform**
 [DWL⁺12]. **multi-point** [POHS14].
multi-point-boundary-value [Kie91].
multi-processor [Kat01, YLW⁺13].
multi-reference [PL00]. **multi-round**
 [BD10]. **multi-scale** [MWI⁺15].
multi-scattering [BL99]. **multi-storage**
 [SC03]. **Multi-tenancy** [ZP16].
multi-tenant [MCY⁺24]. **multi-threaded**
 [CSB00, KKH04]. **multi-threading**
 [FWL03]. **multi-tree** [EMV⁺18].
multi-user [vv91]. **multi-vector** [IM88].
multi-vehicle [ACGL04]. **multi-view**
 [JLLC22]. **multiblock**
 [DLR94, Ran00, di 97]. **multibody**
 [FP98, GIF⁺10]. **MultiBoson** [dF99].
Multicast [CWC00, ACLN03, GLG06,
 KEEF01, LBH07, Miš98, NLP⁺15].
multicasting [XCS05]. **MultiCL**

- [APBcF16]. **multicommodity** [GPS03].
multicomputer [BF95, BR99, CGM⁺92, CF90, Don05, DG94, Kam87, MO89, MRT93, NA08, RVGG01, TTO⁺22].
multicomputers
 [AC94a, AC94b, CDR⁺95, DHL07, GPC88, Lee95, Lee97, MM96b, SH01, WW95, YD01].
multiconfigurable [Tap84b]. **multicore**
 [ACH⁺18, AART13, BM08, BLKD09, CHQORS18a, CHQORS18b, CS19, EL16, LLW⁺15, LT19, WOV⁺09, YMJT10, YMG14]. **Multicores**
 [ABH18, ADK22, BH14, OK22, SHB19].
multidimensional [AKSS07, DLM97, FA96, NDN20, SS92, TN13]. **multifrontal**
 [AGL08, ADGS10, Duf86, GS22, GLU03, LSL14, YWP11]. **multigrain** [MS03b].
Multigrind [LS93, Ale91, Ale94, BWV⁺17, DL04, FBMV88, FA11, GAR15, GZ99, HKL01, HJ97b, HM86, HK92b, IHM⁺12, KS01, LSS88, LPMD01, Oli96, PMLT03, RBMO20, RSSS94, SS90, TCL92, di 97].
multigrind-extrapolation [HK92b].
Multilevel
 [HSS09, ABG⁺06, CLA14, HS90, HM89a, MQ89, MPD00, PER17, WC00, XKL⁺22].
multimedia
 [AFT23, Che98b, DCD97, HXW⁺13].
multimicroprocessor [Kas85].
multiobjective [DST15, dTNOR⁺04].
multioutput [NAC⁺14]. **multipath**
 [BKK24]. **multiphase** [OCE⁺07].
multiphysics [DAG⁺09, PIG⁺16].
multipipelines [Cho91]. **multiple**
 [ALH⁺14, BCRSR11, BDK06, BJV⁺16, CWK09, DGNP88, DLS09, DWS⁺23, Dod90, GHP10, Gol88, GDMS97, Hoc89, Jia09, KMB⁺18, Kie94, Nag88, OGC⁺15, Qua92, SSP⁺98, SSS⁺05, Tak10, TNZM20, Ter10, VTmL03, VJ12, VK92, WP19].
multiple-precision [Tak10]. **multiplexers**
 [Lin93]. **multiplexing** [NSF⁺22].
Multiplication
 [DS13, MJ94, ASA16, AMP92, BR89, Ber89, BVWH14, CS87, DEGS95, DTR18, FAF16, FOH87, GR01, GS96, GKV94, HRR08b, Joh93, Kak88, KAD09, LB23, Lin91a, LPPS01, LV15, ML20, Mar14, Nel93, Pet91, Ris90, RZ95, RR16, SMM90, TM90, VTmL03, WOV⁺09, WRS12, YB11].
multiplications [MAH⁺19]. **multiplicative**
 [MS04a]. **Multipole**
 [MKJC21a, MKJC21b, SSSG03, SWW99].
Multipole-based [SSSG03].
Multiprocessing
 [VGS14, GBH98, GO88, KI05, SG02a].
Multiprocessor
 [AD96, KRW88, Swa87, VLL90, AALK01, ABMT99, AGB97, AB93, ADMV05, ADE84, Axe86, AE93, BG91a, BA95, BC04, BDSd94, BS96, BFR93, CG93, CG87, CG89b, CG92, Cor00, DFRC94, Dzw91, ECG93, Eis89, ES88, EO91, FHKZ88, GP85, GD90, GSZ88, GHNL87, GV08, Hag91, Hat06, Her88, KW90, KD97, KHC92, KLN90, KM89, LH88, Lil94, Mah96, MRW⁺08, MM00, MF16, MSS⁺05, Mis87, MNS87, Nat90, Ng93, PJ84, PRV87, PZE94, Phi91, RRS88, RR89, RT88, RS88, RG92, She93, SJJ85, Sto89, TYKA95, Wor92, Wri91, WHW91, Y⁺99, ZE92, ZG88].
multiprocessor-systems [Hag91].
multiprocessors
 [APRP97, BS97, BM01b, CG89a, CHLO85, CJ95, DFRC90, DT96, Eva90, Fie96, FM88, GYH94, Gre89, HM89a, HM86, HK02b, HB84, Joh93, Jor88, KS89, KK03, KV99, MMC97, MQ89, MKL⁺88, PSS01, Pir93, Qui88, Rot95, SM91, Stp92, Sun97a, TO91, WW90, WW92, WE91b, WE92, Wol89].
multiprogramming [NL91].
multiresolution [GWLS05, NC97].
Multiscale [SLS⁺21]. **Multiscattering**
 [Li94]. **multiselection**
 [Als01, OW91, She97]. **multisplitting**
 [Bai99, PS89a, ZDE95]. **multistage**
 [Blo03, HW94, Leu93, LMH08, Y⁺99].
multitask [DST15]. **Multitasking**
 [FSY88, HKN89, Meu87, CCS87, DCG90,

Nag88, Nag90]. **Multithreaded** [DTR18, AFD13, A^{+01a}, ÇFG⁺¹², DSG17, Evr01, LLL10, Mar14, NB12, Sod02, TG09, TDW03]. **multivariable** [KS91b]. **Multivariate** [LND⁺¹⁹, dG98]. **Munich** [DSSD18]. **MUPPET** [MKL⁺⁸⁸]. **mutation** [MLG⁺²⁴]. **MVAPICH** [RMS^{+18a}]. **MX** [Gog11].

N [GZTR07]. **N3S** [CLL99]. **N3S-NATUR** [CLL99]. **NAG** [DMWW88]. **nanoclients** [Cla03]. **nanoelectronics** [LK10, WRB97]. **Nanyang** [WHL19, LHL18]. **NASA** [BJK⁺¹⁷]. **national** [YK87]. **NATUR** [CLL99]. **nature** [ZEgT04]. **nature-inspired** [ZEgT04]. **Navier** [GV01, VvBv90, AIV98, Bas94, DLR94, FKM⁺²², LSS88, OJ90, PATC99, PCA01]. **NCAR** [Mic97, HRW⁺⁹⁵]. **NCCL** [AMC⁺¹⁹]. **NCCL2** [AMC⁺¹⁹]. **Ncube** [Dun91, SV94]. **near** [GZH⁺²³, TDG⁺¹⁸]. **near-optimal** [GZH⁺²³]. **near-threshold** [TDG⁺¹⁸]. **Nearest** [Li91, AA24, BJP⁺⁸⁹, CAC⁺⁰⁹, DFM99, San99]. **nearest-neighbour** [BJP⁺⁸⁹]. **nearly** [VB95]. **NEC** [HCH⁺⁹⁶, Wat87]. **negating** [RH13]. **neighbor** [DFM99, DL06, EY86, Li91, San99, TTH95, XRW⁺¹⁹]. **neighbor-joining** [DL06]. **Neighborhood** [OID⁺¹²]. **neighbors** [AA24, CAC⁺⁰⁹]. **neighbour** [BJP⁺⁸⁹, Zam99]. **NekRS** [FKM⁺²²]. **Nemesis** [BMG07]. **nephrons** [BJP⁺⁸⁹]. **nervous** [WS04]. **nested** [BPK12, BS05, CCG14, Con90, HCT16, MCB16, MSZM14, THH⁺⁰⁵, WW92, Xue96, Xue97]. **NestedMP** [HCT16]. **nesting** [YNY⁺¹⁷]. **nests** [DR94, DR96, GGL99]. **net** [Mak94b, MS89, WN91, WH94]. **nets** [CFC99]. **NetSolve** [CD98]. **Network** [ACLN03, EG90, KBG⁺⁰¹, Ann89, AFK01, AED21, BM08, Bar97, BCRSR11, BP97, BWT⁺⁰⁸, CB17, CZ91, CC02b, CF04, CH92, CD00, DT95, Dzw91, El 93, EC91, EB94, FRS⁺⁸⁸, FA96, FHKZ88, FCM03, GS04, GDMS97, HWYL89, KYS23, Kal90, KS05, KRN⁺¹¹, KV99, KTN⁺¹⁴, Kol94, KJ07, kLH95, LX00, LLL10, LH00, MM96a, MS03b, NTHY22, NZ92, PMS⁺¹³, PYLE21a, PYLE21b, PVBR23, PJW⁺²², RGBC11, SS95, SKY93, SOS97, SVC07, She93, SKC90, SS01, Sun97b, Tak06, TMCC02, Tou02, THK⁺⁹⁹, WC91, WH91, WH93, WS94, WLZ⁺²³, YMJT10, Y⁺⁹⁹, YLT⁺²³, ZM88a]. **network-based** [KYS23]. **network-embedded** [SVC07]. **Networks** [DZLK20, AK89a, AQ93, ACM⁺¹⁰, ACM⁺¹⁵, ACLN03, AFJG06, BG91b, BGL⁺⁸⁸, CWC00, CHH⁺⁰¹, CFS01, CWK09, CB97, CB09, CMM^{+88b}, DG95a, DJH05, Dod89, EHR⁺⁹⁸, EAKT90, FK98, FSKF06, HMTX93, Han98, HP97, HCK94, HGS10, HK90a, HP91, HW94, JAH⁺¹⁸, Ken90, KL90b, LJD93, Lan90, Las02, LS98, Leu93, LK00, LXL⁺²², MT91, ME92a, Mar95, MS03b, Mis98, Müh90, NSH⁺²¹, NMARD10, ORS90, PGGL17, PW22, PVP08, RD07, RGBCS09, RGBC11, Sab97, SYAU07, SH90, SAOKZ06, SVS01, SVS02, Sha06, SHCS86, SF91, Shi01, Sin90, SS90, SHCD00, SM87, TY91a, TO91, VP95, WBPM97, WLYJ13, WC15, Wel89, WSB90, dV94, da 90, dG98, AAS13]. **Networks-on-Chip** [AAS13]. **networks-on-chips** [WLYJ13]. **networks-steps** [Müh90]. **Neumann** [GW87, PJW⁺²²]. **Neural** [CFC99, CB97, DZLK20, FRS⁺⁸⁸, Ken90, CC02b, CH92, DJH05, EPMPU02, EAKT90, Han98, JAH⁺¹⁸, KRN⁺¹¹, KL90b, Lan90, LXL⁺²², MM96a, ME92a, Mar95, Müh90, ORS90, PMS⁺¹³, PYLE21a, PYLE21b, PYZC11, PJW⁺²², SF91, Sin90, TO91, WC15, WSB90, dV94]. **neuromimetic** [NFG⁺¹³]. **neutral** [CDM⁺¹⁰]. **neutron** [FBMV88, MD88, TS21]. **Newton** [BBQOQO00, CH98, TLC⁺²¹]. **Next** [BDO17, EYP⁺²⁰, Hoe12, PVBR23, Sun97b, Zen99]. **Next-Generation**

[BDO17, Hoe12, PVBR23]. **Nial** [GJMM89]. **Nicolson** [ZL94]. **no** [HE88, FC18]. **NoC** [JMA⁺13, NMMG13]. **NoC-based** [NMMG13]. **Node** [GP98, Reg01, SHCD00, BB21, GS04, Gro19, LFL11, LBGO23, PS91, SS04]. **node-aware** [LBGO23]. **Node-disjoint** [SHCD00]. **Node-ejection** [Reg01]. **Node-to-set** [GP98]. **nodes** [BBB⁺22, FMA17, Fig06, GP96, GGL⁺05, HJS23, PTGF20, XYT⁺24]. **noise** [SML⁺14]. **Non** [CC97a, AFS14, AIV95, BPEL05, CLHL23, DF00, GW08, GDAK06, Haa98, HGLR07, JLY18, LSS05, Lan96b, MSE07, NAC⁺14, STP⁺19, SK19, SMK20, Ver99, WP19, XLY⁺20, Xue94, Xue96, Xue97]. **non-binary** [AFS14]. **non-blocking** [HGLR07, STP⁺19]. **non-convex** [CLHL23, LSS05, Xue96]. **non-dedicated** [GW08]. **non-equilibrium** [DF00, XLY⁺20]. **non-Hermitian** [WP19]. **non-linear** [AIV95]. **non-monotonic** [BPEL05]. **non-overlapping** [Haa98, Lan96b]. **non-perfectly** [Xue97]. **non-rectangular** [GDAK06]. **non-symmetric** [JLY18, SK19, SMK20]. **non-trivial** [NAC⁺14]. **Non-uniform** [CC97a, Ver99]. **non-uniformly** [MSE07]. **non-unimodular** [Xue94]. **non-zero** [Ver99]. **Noncommittal** [Nic95]. **noncontiguous** [TGL02]. **nondeterminism** [MMTU18]. **Nonlinear** [Amm89, MTK03a, BE92, CZ91, DDF⁺10, ED91, GYH94, Gol88, HJ97a, IS18, LR88, Pir93, Pir96, Sch95, Sch87, SK87, dP90b]. **nonparaxial** [SCCPM14]. **nonrigid** [IOH05]. **nonsymmetric** [BDK95, GMW96, KS89, RR89]. **Noor** [Kra84]. **Noor-Lambiotte** [Kra84]. **normal** [JW09, NW96]. **normalized** [YS96]. **normals** [AA24]. **norms** [BM93, CT88]. **northeastern** [BBL⁺19, MBB⁺18]. **NoSQL** [ZP16]. **notation** [Num05]. **notational** [Bek95a]. **Note** [Ano19m, CARW91, AE86, Con89, DG90, GP90, Jan87, Jou04, SS91b, WMCU97]. **notification** [SSN⁺21]. **Notified** [FD18]. **Novel** [SYP13, VA14, AQ93, AART13, BCPB05, DL05, GTW⁺20, LNLK13, LH00, MHK97, QJ06, RBB⁺22, ST21, VL05, Wan09, YZWcF14]. **November** [Ano19l, Ano20n, Ano23g]. **NOWs** [MT00]. **NP** [KB20]. **NP-completeness** [KB20]. **NPDP** [PB23]. **NRL** [WM97]. **NTHU** [LYC⁺19, CLC⁺18]. **nuclear** [HSFS14, TBM⁺16b]. **Nullspace** [JTS⁺11]. **NUMA** [ABB⁺16, CCGG14, Car98, HK02b, MCB16]. **number** [APG92, CRD02, DP90a, Dea90, Lah00, Mak94a, SMC03, Ume89, dP90b]. **numbers** [AGH⁺94, MM95]. **Numerical** [AFPG12, CDGI15, DG95b, DNL15, DR03, Gen84, HB94, JCC⁺24, Luc01, LK10, Zha95, AAHF97, Ano99b, ADTV01, Bro89, Bur90, DAA94, DM90, ER89, GM07, Gup99, HJ97b, HB84, HHJP16, KKHY06b, LP92, MTK03b, Num05, PATC99, Pir93, Pir96, RRA11, Rod85, TKC⁺14, XRW⁺19, YLCT18, ZPAT99, YD97]. **Nürnberg** [DSSD18]. **NVIDIA** [LLX⁺18, MBB⁺18, SRK⁺21, SWR⁺18, CLC⁺18]. **NVM** [ZWJ⁺19]. **NWChemEx** [WYBdJ⁺21]. **NX** [Pie94]. **NxtSPR** [LSY⁺24]. **O** [Bak00, BPC21a, BPC21b, CDZ⁺21, DBI⁺17, HMP⁺16, MV17, MQ97, PUSS97, SDMS12, SC03, TDC19, TF98, WG97, YM05, ZS21, ZJDW18]. **O-aware** [ZYZ⁺16]. **OASys** [VKH99]. **Obituary** [Ano03k]. **object** [AAA16, BV96, CKRZ98, CLZ01, FWL03, Fer97, RW89, SW03, TDC19]. **object-based** [TDC19]. **object-oriented** [BV96, Fer97, RW89]. **Objective** [DGKF19, BSD11, HF20, LNA06, MMT06, VK17]. **objects** [BE97, HK98, Jes88]. **Oblivious** [LC99b, YB11]. **observation** [AC03]. **Observations** [LNA06, SSY10]. **observed** [CAHT17]. **OCamlP3l** [CMV⁺06]. **OCCAM** [Jes88]. **occluded** [IR00]. **Ocean**

[BDOS95, KSS98, OAJ⁺¹⁶, WM97].
October [Ano20o, Ano21q, Ano22k].
Octopus [GSC⁺²²]. **Octopus-DF** [GSC⁺²²]. **octrees** [HA05, HAK⁺²¹]. **odd** [BE93b, MP87]. **odd-even** [BE93b, MP87].
ODE [GH89, Kie91, PG93, RM97]. **ODEs** [MPJ03]. **OF-WFBP** [GZH⁺²³]. **off** [AALK01, CLJ14, DW99, FC18, LDK16].
off-line [AALK01, CLJ14, LDK16].
Offloading [DFP⁺¹⁹, TSEE21]. **oil** [BBK90, YLCT18, Zha95]. **oil-water** [YLCT18]. **OLAP** [RBB⁺²²]. **old** [ES88, LK14]. **omega** [SKY93, GS10].
OmpSs [YA24]. **on-** [CLJ14]. **On-Chip** [SYP13, AFY⁺¹⁶, LNLK13, PMS⁺¹³, Tak06].
on-demand [JSC97]. **On-line** [Leu93].
on-node [BB21]. **One** [BT99, CFMM97, CC92, DPFT19, Don05, Hee97, RVGG01, ST02, Ver00, YCBD19].
one-dimensional [CFMM97]. **one-port** [ST02]. **one-sided** [DPFT19, RVGG01, YCBD19]. **one-step** [Don05]. **One-to-all** [BT99]. **ones** [Che96].
Online [CLY⁺¹⁹, SMJ15, DCN⁺¹⁵, WNES01, YNY⁺¹⁷]. **onto** [DR94, DT96, MM96a, MT91, Pop88, RV96, SER90, SM91, TMCC02, WMCU97]. **open** [IR93, Gog11, VGRS16]. **Open-MX** [Gog11]. **OpenACC** [LLVM21a, LLVM21b, LHZ⁺²⁰, LHZ⁺²², WLK⁺¹⁸].
OpenACC-to-FPGA [LLVM21a, LLVM21b]. **OpenCL** [APBcF16, BAS13, DWL⁺¹², GScFM13, SFSV13, SBM⁺²², TSEE21]. **OpenCL-like** [TSEE21]. **openFabrics** [FCS⁺¹⁹].
OpenFPGA [WPS⁺⁰⁸]. **OpenGL** [LHZ97].
OpenGR [HST05]. **OpenMP** [ADK22, ATL⁺¹², ADMV05, ADR⁺⁰⁵, BBB⁺²², BS05, BC19b, CM05, DFP⁺¹⁹, FSG19, HP05, HAJK01, HCL05, IJM⁺⁰⁵, JKHK08, JJM⁺¹¹, MCB05, MLG⁺²⁴, MRRP11, Nak05, NU05, PK05, THH⁺⁰⁵, VLSPL19, VGS14, SSGF00]. **OpenMP-like** [VGS14]. **OpenMP/MPI** [Nak05].
OpenSHMEM [HVA⁺¹⁶]. **operating** [GHS02, JBWE14, Sch88b]. **operation** [Sho17]. **Operational** [NOG⁺²², BRS⁺⁰⁸, EAR93]. **operations** [BMG07, CIO⁺¹⁷, DS13, EG95, GGV04, HHK95, HGLR07, HMS⁺¹⁹, Hwa02, IDS16, IZS⁺²⁰, KS95, LC17, MV87a, ME89, ORM⁺¹⁰, PGW16, TKC⁺¹⁴, THK⁺⁹⁹].
operator [FHMS93]. **operators** [BM02].
Opportunities [BJK⁺¹⁷, Sch95]. **Optical** [EM88, RBP⁺¹⁷, Kat01, LPH00, PVBR23].
Optimal [BDK98, Dow90, Fig06, HK90b, IR00, KH95, MR89, Mar92, NM01, OS21, PW22, RRP03, ST02, She97, Als01, BE93a, CS95, Che08, CL05, CMP92, DM04, DZD01, Dzw91, FIMF99, GZH⁺²³, GAMR03, HT94, HHQ06, KR10, LLW⁺¹⁵, LC90, LO92, MMS90, MRSB94, MB00, OWZ91, RE92, SSY10, SM88, SB92b, SH01, TT00, TF98, TL94, WL14, Wri90, WLZ⁺²³, YTCW07, Zub90].
Optimisation [FMM⁺⁰², Dod89, GS10, JOL⁺²¹, KHC92, dTNOR⁺⁰⁴, WC00].
Optimising [Sil88]. **Optimization** [CLSM98, CDH⁺⁰³, EEH⁺¹⁹, FBG⁺¹², HW91, KRS⁺²¹, LLVM21a, LLVM21b, LM06, WW95, WOV⁺⁰⁹, ARCH05, ALNT04, ALT04, AAB⁺⁰⁶, BP95, BCMG⁺⁰⁷, CZ91, CCL04, DF91, DFO93, DCD97, DGKF19, ES89a, GZHX17, GÁVRRL18, HF20, LLPV06, LTG23, LW11, LLW⁺²⁴, LHZ⁺²², LR88, LNA06, MII⁺¹¹, MAH⁺¹⁹, MSSC10, MLG⁺²⁴, MTK03a, MTK03b, MGSK88, MA22, NMAB19, NS11, NSH⁺²¹, NTHY22, NBB⁺⁰², PB98, PYLE21a, PYLE21b, PGK⁺⁰⁰, PŚ00, PHCR05, RKS92, SYAU07, SH90, Sch95, SLH^{+13a}, She96, ST21, SMP11, STE23, SPK18, SWR⁺¹³, SSBT19, SS92, ŚDJ⁺²², TCT00, WWR05, WS12, XLY⁺²⁰, ZM88a, VK17]. **Optimizations** [KMK⁺¹⁹, KSRK24, LKGD16, LXC⁺¹⁸, MV17, WPD01]. **optimize** [AKSS07, ORM⁺¹⁰, RMACG10, WZL09].
Optimized [AFS14, AMC⁺¹⁹, PM95,

Bar12, DPSW00, HBC19, LDK16, MMM13, ND95, SB92a, YCBD19]. **optimizer** [MSB91, YLE95]. **Optimizing** [CFN03, DJH05, EGKU02, HGLR07, JHD⁺22, KI05, KAD09, LXL⁺22, SM87, TGL02, TS09, VCK⁺11, ZJD⁺23, BLCR21a, BLCR21b, DEH⁺11, GF89, GK19, PB23, Str87, WSB90]. **optimum** [ML00, UN87, Ume89]. **Option** [FMM10, Ger04, PGK⁺00, SÖB07, Sur10]. **options** [Pea19]. **OR-parallel** [MBC97]. **Orchestrating** [CCS⁺18]. **Order** [SS95, AND05, DCD97, DLS09, DWS⁺23, DK04, GGL21, HA14, KD97, KHC92, LT94, MS00, ME90c, PVK⁺22, PS84, SH90, TL90, TL94]. **order-invariant** [HA14]. **ordered** [CB09, OIK21, TS88, Ver99]. **Ordering** [DW99, BOV02, BMCA98, CP08, GM03, Rag97]. **orderings** [Leu89]. **orderly** [WL98]. **orders** [MS99b]. **ordinary** [EM87, GR89, Gol88]. **Organisational** [Par87b]. **organization** [HH91, KV99, SY87, da 90]. **organizations** [CS89a]. **organizing** [ORS90, WHW91]. **orientation** [Sch91a]. **Oriented** [DWH⁺08, AAA16, BV96, Fer97, GBH98, GJMMS97, KAM⁺20, LKHL03, PB16, RW89, VvBv90, HL13]. **Origin2000** [WBS06]. **Orthogonal** [Kuz98, ACH⁺18, EK92, Hot89, ME90b, Par91, SS91b, Stp92]. **orthogonalisation** [WC91]. **orthogonality** [THMH21]. **orthogonalization** [CSW01]. **OT** [PUSS97]. **other** [Ale94, ESV10, KLS⁺88]. **OTIS** [Jan06]. **OTIS-mesh** [Jan06]. **Ouragan** [C⁺01a]. **Out-of-core** [CKS03, AGL08, CU04, CN98, DHW97, Ger15, KCRB98]. **out-of-order** [KD97]. **out-tree** [HK02a]. **outer** [EM88, Rod85]. **Output** [MMTU18, AS86, BBDN21, CDRV97, EG95]. **outtrees** [Ver00]. **over-relaxation** [PJ84]. **overcome** [DW99]. **Overcoming** [FC18, JKHK08]. **OVERFLOW** [Taf01]. **OVERFLOW-MLP** [Taf01]. **Overhead** [DFP⁺19, Cal96, CRGM16, KP96, MW91, Trä18, XXQ⁺15]. **overheads** [Hoc89]. **overlap** [DVGG98, KGS08]. **overlapped** [BMP15, EJLC97, KH97, mMvdV01]. **Overlapping** [WB88, CWK09, Haa98, Lan96b, MMM13]. **Overlay** [TF98]. **overrelaxation** [ESK88]. **oversubscribed** [MKK⁺19]. **Overview** [Alm85, Ohb85, HHK⁺19, Hey94, IJCL96, McB94a, SG02b, Tre88]. **OWL** [QH19]. **P** [FD02, MRJ89]. **P100** [CLC⁺18]. **P2P** [CRGR⁺13, MTV08]. **P2P-based** [CRGR⁺13]. **P2S2** [BVC19, SVC19, VBC19]. **P3M** [YSBM97]. **p4** [BL94b]. **package** [LF00, RS88, Ste88, XKL⁺22, YSBM97]. **packages** [WLN⁺96]. **packet** [Ann89, ALTZ02, Lin93, Uhl96]. **PACS** [A⁺99, NNB⁺99, Uka99]. **PAD** [SN14]. **Padé** [MKC92]. **Paderborn** [BJvOR03]. **page** [CDA⁺16]. **pair** [HGM20]. **pairs** [GS04, GT90, SA13]. **pairwise** [DEH⁺11]. **Pajé** [CSB00]. **pancake** [AQ93, KF95]. **Panconnectivity** [MLX07]. **Pancyclicity** [HC04, MLX07]. **paper** [FLW87, HE88]. **Papers** [Ano22m, Ano15a, Ano18k, GT19, MTW07, TH20]. **PAPS** [WH97]. **PAR-Bench** [NL91]. **parabolic** [AAHF97, AIV95, BE92, HK92b, KR97, Lop93, Pir96]. **paradigm** [AD96, BA02, BM02, BPP10, JON08, MNS87, OID⁺12, PWY03, Sto89, ZLD15, da 90]. **paradigms** [ONB11, ZEgT04]. **ParadisEO** [CMT04a]. **parafoil** [TKG97]. **Paragon** [BEK95b, DG95b, GAW96, Hoc94, SNS⁺97, XH96]. **Paragon/XP** [SNS⁺97]. **Paralldroid** [AAA16]. **Parallel** [AB02, ADr99, ADF93, AND05, ABR03, AFPG12, ALH⁺14, Ala89, Ala95, ALNT04, ALT04, AAHF97, Ano87, Ano88b, AQO18, AHBD18, AATK10, AS00, ACGL04, ABB⁺11, AIV95, AW13, BD89a, BVC16, BVC19, BM01a, Bar97, Beb97, BM09,

BE93b, BG02, BDG⁺10, BGSS14, BG97, BGMT00, BPS01, BC91, BP00, BMCA98, BC04, BSK03, BSB⁺22, BJP⁺89, BETR17, BL93b, BCYB11, BH99, BP02, CLS93, CTS02, CGGG03, CDZ⁺98, CJ97, CF93, CS95, CHR00a, CL02, CDW95, CS96, CW97, CGQ93, CMT96, Con90, Cor99, CLZ01, CGMM99, CMRT88, CKM93, DS07, DM03, DS96, DDP90a, DP00, DCG⁺07, DFRC90, DBVS01, DL04, DFRR91, DF95a, DAD11, Duf86, ER18, ECLV12, Eva84, EW93, Fah85, FF21, Fer97, FMS01, FHMS93, FPT91, FC05, GYH94, GMBZ90, GK03, GH90].

Parallel [Gil94b, GHW08, God00, GGL21, Gra91, GZ99, GPS⁺08, GPSK09, GK04, Haa98, HKL01, HKK97b, HE88, HLP10, Heb93, HK92a, HJ97a, Hen93, HRT07, HFL⁺10, Hil92, HZ93, HT92, HM86, HCK94, HM01, HWW92, HK91, JLLC22, Jeo91b, JCL92, Jou97, JNWJ18, JNC⁺19, KR97, KB85, KT97, KK11, K KU16, KBBC88, KH92, Kie94, Kim90, Koç97, KS91a, KKŽ05, KHN01, KC93b, KNR00, KŠR04b, KS01, KPH97, KD10, KKB93, LSS05, LRH97, Lan96a, LPM11, Lan96b, LNS03, LM03, LPCA98, kLH95, LHK⁺96, Lef97, LF89, Li89, LHZ97, LM00, LLW⁺24, Lin90, LL90, Lin93, LSS88, Lip99a, LP92, LR16, LHK15, MS03a, MG95, MKS91, Mal02, Man01a, MKL⁺01, MAFC14, Mas98, MC04, Mat95, MT97, MHT06, MS03b, MKJC21a, MKJC21b, MT00, MMT06, Mel87, Mel88, MP08a, MP08b, MP02].

Parallel [Mic90, MTK03b, Mil01, MCG98, MSW91, M⁺00, MS90, MZ95, NR01, Nak05, BHB21, dTNOR⁺04, NBB⁺02, Num05, O'L87, OW90, Obe85, OBG00, Oli96, Ols95, OR88, OA91, ÖS94, OCPT97, OZ02, PPZ93, PAF⁺97, PM03, PM89, PS89a, Par86, PUSS97, PSS94, Pet84, Pet97, PB94, PHD16, PGW16, Qui88, RR89, RSB05, Rag97, Ral03, RS08, RWT97, RP85, RB03, RA20, RLH19, RST11, RO88, RG92, SÖB07, SS02, SRH07, SXBD97, SOS97, SK97a, Sch91a, SSS92, SAWH88,

SVS02, SCD92, SZ02, SYP13, SFB⁺97, SB95, SVC19, Ski02, SM15, Stp92, Str08, Str92, Sun97a, Sur10, Tak10, TS02, TTH95, TY91a, TKG97, TE92, Tre88, TL96, TJJ93, UZ02, Uml94, Vaj84, VP94, VIHD90, Wag89, WC00, WC91, Wat00, WBD99a, Wei93, WS04].

Parallel

[WG97, Wri91, YK08, YPG03, YTCW07, YD97, Yue97, ZRPI89, ZE92, ZSH97, Zom95, ZEGT04, de 87, dGR95, di 97, mMvdV01, AK89a, ASA16, ABGR21, AO89, AGH⁺94, AJ95, AGL08, AAGS18, AHL02, APBcF16, ARCH05, AAB⁺06, ADEQO19, Alm85, Als01, APG92, ATA⁺16, ADPV03, AGLP06, ADGS10, AM93, AB95, AMP92, AKSS07, AC00, AKK99, ACH98, ABG⁺06, AT98, ADTV01, AFK01, AKP⁺98, AKNS91, AV15, AGGG06, ABH⁺10, AHW14, ASH92, AGGM90, AIV98, ADMV05, AE93, BSH88, BM08, BE95, Bai99, BMS97, BS00a, Bak00, BBB⁺94, BCGS93, BPEL05, BEY00, BDF⁺00, BN01, BKT91, BMS01a, BGWW97, Ban97, BKS06, BO91, BM11, Bar12, BHK89, BDI⁺95, BGV97, BW92, BRS97, BFL⁺01, BV96, Bas94, BOV02, BO03, BOVG10, BE92, BA02, BHM⁺95, BAR98, BBQOQ00, BMT92, Ber00, BE88].

parallel

[BDK95, B⁺02, BM02, BF06, BHK00, Bjø87, BGL⁺04, BDOS95, BFM90, Blo03, BE93c, BHS99, BL93a, BDK96, BM01b, BFH23, BRH90, Bon91, BEK95b, BDH95, BGM03, BT01, Box92, BGR00, BP86, B⁺00, Bri95, Bro89, Bro99, BNK15, BWZ95, Bro86, Bru91, BK97, BS00b, BL94b, BGL01, BLKD09, CMT04a, CZTS99, CYDJ21, CE94, CGK⁺16, Cal96, CMT04b, CDDG93, CS00, CDR⁺95, CS93, Cap88, CCEJ01, CH98, CS89a, CU04, CLS⁺16, CDM06, CLL99, CPdM⁺97, CM95, CCCP92, CGG01, Cha99, CCS03, CDBL08, CC96b, CUSR88, CCS94, CC02b, CCL04, CSB00, CC00b, Cv98, CMPM⁺15, CJ92, Che98a, CLSM98, CFN03, CLA14, CCS⁺18, CLHL23, CP08, CC97b,

CC00c, CSH⁺11, CFW⁺22, CNK93, C⁺01b, Chr98, CC99a, CQ97, CDC⁺87, CWB92, Col04, CDGI15, CGM⁺92, CDGM96]. **parallel** [Con89, CV17, CV02, CH97, CN98, Cor00, CKS03, CGOP03, CDM⁺10, CQ01, CWDG07, CDH⁺03, CR90, CRSS99, Cro97, CGM05, CCH⁺21, DDdS02, DDdSL02, DCY⁺22, DY91, DR18, De 95, DFR92, DFO93, DCD97, DR93, DLR94, DR95, DP90a, DP95, Deá90, DEGS95, DFRC94, DRJSW97, DAA94, DLS09, DJH05, DF00, DPSW00, DWM⁺01, DF98, DH84, DS84, DS87, DJ87, DHW97, DT97, DFM⁺95, DF95b, DG05, DL06, DZG94, DAG⁺09, DvdV99, DS05, DR02, DW00, DR03, DGKF19, DZD01, Eck90, EGTD99, ED04, EK92, Eis89, Ek104, EHF⁺97, Ema10, EG92a, ES89a, EPMPU02, EM85, EY86, ESK88, ER89, ES89c, ES89b, EY90, Eva90, EL90, ED91, Eva91, EG94a, FSCL06, FHL87, FLYL16, FLYL21, FCC16, Feo88, FAS02, FM15, Fig06, Fis90, FP98, FK89, FGHB94, FJPA17, FG01]. **parallel** [FR95, FMS⁺06, FMD98, FBAB13, FP92, FJS85, Fre89, FIMF99, FT93, GKT⁺15, GS89, GP90, GWLS05, GZHX17, GL90, GV01, GGNy11, GGL99, GWWM09, GLS01, GPS03, GSZ88, GLN89, Ger04, Ger98, Ger94, GR01, GWC⁺99, GJMM89, Glo95a, Glo95b, GKAS91, GdCCS03, GTW⁺20, GÁVRRL18, GEvGCP09, GYL00, GG10, GW08, GGFF93, GKS98, Gro87, GKKS01, GL99, GT90, GM03, GHC04, GPPS99, GLS99, Gús99, GKV94, GPZ08, Hac89, HS90, HKSK97, HLDS95, HSS07, HT00, HLvHA11, HISS92, HMTX93, Han98, HA05, HKK97a, HCJ03, HW02, HCT16, HP97, HCH⁺96, HM89b, HK00, HRR02, HJ97b, HDH97, HW91, HP94, Hio96, Hir86, HJ97c, Hoe12, HS03, HS89, HK98, HT94, HM89c, HK92b, HST87, HTB01, HK90b, HP91, HR04, HHQ06, HWL⁺22, HKR⁺10, HRR08b, HF20, Hwa04, HSN89, IR93]. **parallel** [IR00, IS18, IB01, IOH05, IHM⁺12, JLY18, JC94, JG93, JHSV02, JK91, Jeo91a, JJM⁺11, JIC96, JKH95, JON08, Jor86, JDG02, KCD⁺97, KNP97, Kal92, KCRB98, Kao08, KMLM97, KKW14, KG87, Kas85, KY98, KK01, KKHY06a, Kat03, Ken99, KL90a, KC91, KY94, Kim97, KSRK24, KTN⁺14, KG03, Kol94, KR00, KSS98, KCN99, KST02, KC97, Kot97, KP93, KS99, KS07, KKB92, KBD93, KS95, KYLH01, KSS06, KLS⁺88, Kut85, LD99, Lan90, LAHM14, Las02, LR04, LLP00, Lau93, LAS90, LC02, LyHW⁺22, LF98, LSA⁺95, LMJC96, Leu89, LBWR90, LLS⁺93, Li97, LMG09, LW11, LLW⁺15, LHG⁺23, LMC05, LC90, LO92, LC99a, Lin01, Lin08, Lip99b, Liu86, Liu89, Liu98, LEH14, LW15, LLFZ23, LTV96, LPMD01, LZCT15, LS92, LR88, LGMdRA⁺19, Lop93, LC97, LG09, LQ92, LMH08, mM94, MAB⁺02, MKK⁺19]. **parallel** [MV99, MP92, MMC97, MD04, MS98, MAB17, ME84, Mak94a, Mak94b, ML23, MS00, ME93a, MGCB⁺10, Mar92, MS04a, MJ94, MSP93, MWH95, MW11, MV87a, MIA⁺07, MV87b, Mei85, Mei86, Mic97, MS99a, MJ99, MTK03a, MS04b, MK97, MBK12, MRRP11, MSW98, Mis87, MX07, MSE95, MS99b, MK12, MOW95, MSOCG⁺16, Moo04, MTPE90, ME92c, MGT⁺13, MGSK87, MSB91, MPJ03, MW91, MS89, MO99, MA22, NHS⁺95, NL91, NS94, NC97, NYFK06, NNB⁺99, Nat90, NAC⁺14, NS02, NW96, NA08, NJ02, NZ92, NZ97, NK97, NRN00, NP05, Not95, NE01, NH11, ORS90, Ohb85, OTI⁺89, OV06, OW91, OCE⁺07, Ori10, OHZ98, OW94, OW97, PLP97, Pap98, PG91, PG93, Par87a, Par91, PW84, Par87b, PTGF20, PATC99, PJV00, PYZC11, PŚ00, PCN10]. **parallel** [Pin91, Pir96, Pis92, PVP08, PW87, PS06, PKR00, PP98, PMLT03, Psa02, PWM00, QH19, RM91, Ram07, Ran97, RM97, RW96, Rea90, RH99, Reg01, RvG05, RJ97, RBMO20, RR97, R⁺00, Reu99, RE92, RR07, RBM⁺16, RMACG10, RSSS94, RT88,

RHM⁺⁸⁸, RRA11, RRS⁺⁰⁰, RW98, RKMJ10, Ron84, RV95, RBL97, RR16, RW89, SS89a, SER90, SNS⁺⁹⁷, SHPA05, SSY02, SCCP08, SCCPM14, San02, SKN04, SMT⁺⁰⁴, SAOKZ06, SSB12, SB94a, SAGV21, SV94, Sch95, SHN12, SSL19, SP94, SMK20, SKG02, Sel95, SR14, SG02b, SHH⁺⁹⁷, SK87, She95, She97, SZS22, SLY90, SMP11, Shy90, SMJ15, SSL03, SV97, SB97, SPMB23, SR97, ST95, SH88, Sne88, SGP22, SR17, SS87, SMC03, SB92a, Ste13, Ste87, SS90, Ste94, SE87, SM88, Stp93, SS92, SP93].

parallel [SMTT96, SR10, Sug99, SE98, SG91, Sun95, SG99, SB92b, STKA96, Tak03, THG98, TDC19, TNZM20, TTO⁺²², Ter13, TO99, TS99, TMD⁺⁹⁷, Thu92, TTH09, TDW⁺⁰⁴, TLC⁺²¹, THK14, TSJB00, TCT00, TLS16, TF98, TJ97, TO89, TL94, TBM^{+16b}, Tyr90, UAR⁺⁹⁹, Uhl96, Van02, VBS⁺¹⁵, VL05, VP92, Vio04, VK92, VKH99, VA14, WH97, Wak04, WL13a, WN91, WRB97, WLK97, WLCG02, WWR05, WFW⁺¹¹, WB97, Wen95, WC90, WE91a, WE92, WHW⁺¹¹, Wil88, WvR16, WOKH96, WZ90, Wit98, Wol89, WAB89, W⁺⁹⁹, Wor97, Wri90, WP19, WTLW23, XDZL10, XRW⁺¹⁹, XKL⁺²², XZYQ21, YNO97, YORO08, YTSI13, YS96, YR18, YXQ⁺²¹, Yan04, YCS07, YHL⁺²⁴, YD07, YA24, YZWcF14, YEC97, YM05, YL19, YLT⁺²³, ZLT19, ZLM98, ZCPT00, ZZ03, ZPAT99, ZY16, Zer90, ZK92, Zha91, ZM94, ZJDW18, ZJD⁺²³].

parallel [ZDE95, ZG16, ZGL⁺¹⁹, ZM96, ZVWS88, ZG88, ZGG92, dV94, de 96, tV96, van87a, van87b, Ano94, AGPS03, ASSS11, AGKS15, AGKS16, A^{+01b}, BG01, CGNR06, DC15, GRP22, GV11, SE93, Ter10, TF01, vS92, FLW87, YFK03, MBC97, Ben24, MSS19].

Parallel-architecture-directed [SCD92].

parallel-in-time [BFH23, SSL19, SR17].

parallel-independent [RvG05].

parallel/distributed [BGWW97].

Parallelisation [DWB99, TB03, EJLC97, EJLC00, GH89, Has01, IJCL96, LMJC96].

parallelise [PFS⁺⁰⁴].

Parallelism [HGS10, VRGÁ15, VvW98, vv91, ABMQO11, ABB⁺¹⁶, ATL⁺¹², BNS⁺⁰⁷, BS05, BETR17, BDSV98, CCGG14, Cha99, CS19, CC99b, DCDV98, DW99, DK04, DM90, Gao90, GW95, GHP10, HK91, HC05, JS13, Kog85, LSL14, Lee97, Lil94, LL98, LF00, MCB16, MRBQO14, McC89, NR20, OKF16, PTS⁺¹², RRP03, RZ01, RVD10, SSOB03, THH⁺⁰⁵, Xue94].

parallelism-based [VRGÁ15].

parallelism=simplicity=performance [Wel89].

Parallelizable [DWS⁺²³, SC95].

Parallelization [AL93b, Ano99b, ARR19, AFG⁺⁹⁷, AED21, BSE88, DE09, GLMBMPMV03, HB90, JTS⁺¹¹, KPS90, LT09, MRW⁺⁰⁸, MSM98, MSSC10, PL00, SPW⁺¹⁵, WSR14, ARW93, AART13, AFT23, BK94, BBC⁺¹¹, BDSV98, BCG00, Bra88, BCC^{+97a}, BCC^{+97b}, CDRV97, Che08, DTV21, DL97, Dow90, DL05, DGP⁺¹⁶, EMV⁺¹⁸, FHK⁺¹¹, GHH⁺⁰³, GAPZ00, HM02, HOSS91, IDS16, IJM⁺⁰⁵, Kd88, KN09, KBGZ88, LK00, LPAZ97, ML00, MCB05, MB88, MSE93, NM01, NSS15, PCA01, PCL23, POHS14, PAG⁺⁰⁵, RE98, Rau98, RR14, SM13, SOH94, SWW99, SC05, SNO99, TCL92, WY11, YTCS97, ZBG88, vWWM⁺¹⁹].

parallelizations [JW09, SSY10].

parallelize [EK98, MS91].

Parallelized [MM95, GJS93a, Koh95, PJ84, SL03, WWT01].

Parallelizing [DWX⁺¹², DEH⁺¹¹, GJS93b, Her00, Hwa02, KJA15, KLN90, RGdS⁺¹³, Sch92, Sea86, WHW91, Zha95, BC97, DFRR91, KSM⁺⁹⁴, MJ95, WH93, YTCS97, dV94, Hol95].

Parameter [BCMG⁺⁰⁷, HC89].

Parameterization [ÖW10].

parameterized [BPK12].

Parameterizing [MS04a].

parameters [GE11, Hoc91, WL14].

Parametrization [Hoc87].

parareal [Aub11].

Parawell

[Eck90]. **paraxial** [HSS07]. **parcel** [NC02]. **ParConnect** [AGV⁺17, BCE⁺17, HSSM17, HH17, TSL17, WBN⁺17, YLF⁺17]. **PARDISO** [SG02a]. **parenthesis** [HHQ06]. **parGeMSLR** [XKL⁺22]. **parity** [ARCH05, CLHL23, SSH97]. **parity-check** [ARCH05]. **parity-declustered** [SSH97]. **PARMACS** [CHHW94]. **PARMESH** [Glo95b]. **ParPar** [KEEF01]. **parsing** [BC04, CC96b, Hil92, SS87]. **Part** [ER95a, ER95b, BCC⁺97a, BCC⁺97b]. **partial** [AAHF97, ABB⁺11, BCR00, BP02, CG87, GW87, HM89a, HK92b, KY98, MQ89, Meg90b, Pin91, RSSS94, RMS⁺18b, SN88, SS88, XCS05]. **partial-static** [KY98]. **Partially** [CB09, CDGM96, IR00, OS21, Son94, TS88]. **Particle** [SSN04, BAS13, DBVS01, DOD23, GPLW17, Hat06, HHSM88, HF20, Koh95, LW11, LMC05, LF88, Luc01, MII⁺11, SYAU07, Sch92, SAWH88, SG16, TB03, WVHR16, YSBM97, VK17]. **particle-in-cell** [Hat06, HHSM88, LF88, MII⁺11]. **particle-in-grid** [WVHR16]. **particle-laden** [GPLW17]. **particle-mesh** [BAS13, YSBM97]. **particle-particle** [YSBM97]. **particles** [YR18]. **particulate** [ATL⁺12]. **Partition** [FTY⁺20, AFT23, BFY06, FP92, Mei85, Mv88, PMAL14, SL90b]. **partitionable** [PW22]. **partitioned** [DWS⁺21, MS20, PEO16, NZHY11]. **partitioner** [ABGR21]. **Partitioning** [Che96, HHR87, KP96, Ran00, UÇA10, Wai88, AGV⁺17, AFK01, AG00, Bak00, BFL⁺01, BF06, BHK00, BBB19, CLA15, DPSW00, EB94, Fig06, Got89, HAK⁺21, HK00, HB94, KGS08, Kd88, KŠR04a, KŠR04b, Kru97, Lan96b, LFS14, LWZL24, MS98, MMS09, MPD00, MOF04, PRV87, Pel97, PB16, PER17, QWD⁺21a, QWD⁺21b, SER90, SA16, Thu90, Thu91, Thu92, WC00, WW90, WAT20, Yal97, ZY16, Zho93]. **partitions** [LL98]. **party** [Kre13, WBPM97, WLN⁺96]. **ParVoro** [WTLW23]. **pass** [Gir02, HMS⁺07, KY94]. **Passing** [BC19a, FGG⁺98, GLDS96, AB02, ARCH05, AE93, BCM94, BL94a, BRWL09, BDOS95, BWL00, CHHW94, CGMS94, CDZ⁺98, CCS03, DM02, FK94, Gog11, GDAK06, HP05, HGM20, JOL⁺21, JIC96, MRBQO14, McB94a, MRT93, NC02, Pie94, Pry97, SK97a, SSOB03, Ste90, TO91, Wal94a, Wal94b, WY11]. **passing/shared** [WY11]. **passive** [HKW13]. **PaStiX** [HRR02]. **Patch** [FHK⁺11]. **Patch-based** [FHK⁺11]. **Path** [CMP92, KJA05, ABR03, AÖ22, BG01, BR90, BGB10, CCS87, CG93, DQRR00, EMV⁺18, GT90, HTB01, HC92b, LNS03, LSY⁺24, PB94, SB95, Trä95, Wan08, XYT⁺24, XCS05]. **path-relinking** [ABR03]. **paths** [BJV⁺16, CST02, EHE92, GTW⁺20, GS04, Kha12, KJA05, KLL⁺09, SHCD00, TF01]. **pathways** [JTS⁺11]. **PaToH** [UÇA10]. **Pattern** [Yan04, AKNS91, BCGS93, MAS06, TLS16, vWWM⁺19]. **patterns** [BDS88, DRST03, FSKF06, FKK⁺06, GÁVRR18, LGMdRA⁺19, MAB⁺02, MFGEL17, PM95, SLH⁺18]. **PAX** [HST87, HHSM88]. **PC** [BS00a, SKN04]. **PC-based** [BS00a]. **PCG** [PLP97]. **PCs** [DL04]. **PDAC** [HMTX93]. **PDE** [GZ99, HHR87, McB88a, Not95]. **PDEs** [GG10, Gro87, HHJP16, MSV15, NBB⁺02]. **PEAB** [YHZ21]. **PEACE** [Sch88a, SP94, Sch88b]. **Pearson** [RvG05]. **peeling** [Wan09]. **Peer** [CdCM07, MMO07, AFJG06, MTV08]. **Peer-to-peer** [CdCM07, MMO07, AFJG06]. **PEI** [VP92]. **Peking** [FYH⁺18]. **Penn** [Mic97]. **perceptron** [CH92, HT92, HT94, KK94, Müh90, SM90]. **perceptrons** [Dod89]. **Percipient** [NDW⁺19]. **percolation** [CCEJ01]. **Perfect** [MP95]. **perfectly** [Xue97]. **perform** [MCM01]. **Performance**

[AÖ22, AAV08, Ano16k, A+99, ASH92, ADR+05, BAR98, BZ99, BBD+12, BCC+97a, BCC+97b, CC96a, CPdM+97, CLA15, CCP98, CRSS99, DM97, DY91, Dun91, EGKU02, Ema10, FKK+06, FHK+15, FK89, FGHB94, GICM18, GEvGCP09, GLD08, GZTR07, GKV94, HVA+16, HMP+16, Her88, Hoc91, HL13, KN88, Kat01, KCG08, KK92, KM88, Kol94, LG21, Lin08, LMKH97, MP92, MS23, MZ01, MST94, MW88, NMAB19, NMW93, NA08, OW94, PFS+04, Pan01, PGK+00, PHCR05, PKR00, QCC02, Rib84, SNS+97, SAOKZ06, SH91, Sha06, SE98, WME+95, XLY+20, Y+99, YTSI13, YCBD19, APPG15, ASA16, Ahm97, Ala95, A+02, ADLL03, AB93, ABMN02, ADE84, Axe86, BG91b, BAMK07, BA08, BKS19, BE89, BY21, BGL+04, BWL00, BHS99, BFH23, BP90, BDH95, BOS+09, BPJ22, BLCR21a, BLCR21b].

performance [BJV+16, BBL+19, BGRD00, CIS99, CMT04b, CHZ+19, CK90, CU04, CAHT17, CLL99, CB17, CFD+16, CGHBS18, CMSL06, CFN03, CZJS12, CDK+03, CJLS14, Cla03, CC99a, CMM03, CQ97, CT88, CV02, CCP+21, CCH+21, DS03, DK01, DH91, DHS00, DSCP88, DFM+95, DWL+12, DDF+10, Eck90, EPS98, EHF+97, FAF16, FD18, cFM07, LHR+19, FGP23, FDTZ04, GKS07, GMF00, Ger94, GS22, Gin99, GHP10, Gog11, GV08, GYL00, Gra91, GPSK09, GLDS96, GL97, GKKS01, HJ05, HH91, HLDS95, HMTX93, HSÇ12, HZY+19, HB90, HRR02, HKW13, HBH+16, HDH97, HW91, HHOMR06, HWB92, Hoc87, HAJK01, HMS+19, HHR87, HEB96, HR04, HG12, HMH+13, HC05, LJCL96, JG93, JHSV02, JAA06, JMLBL98, JKHK08, JJM+11, KMLM97, KRW88, KT00, KBG+01, KV99, KSRK24, KG03, KSS98, KJ07, LR04, LKGD16, LG01].

performance [LFS+19, LVC16, LLW+15, LLD19, LXC+18, LYC+19, LBGO23, LR89, LF88, MVdLvN16, MD04, MKL+01, MSM98, MSMC15a, MAH+19, MFS+19, MSE19, McB88b, McB94c, MQ89, MSK14, MAM+09, MLG+24, MSS+05, MS99a, MJ99, MK97, MAB+21, MGT+13, MDC+08, NS94, NS02, ND17, NU05, OKF16, OIH10, OGC+15, OILZ17, PRV87, PSS94, PFTB15, PGK+18, PMV+20, Phi91, QH19, RBB+22, RMS+18a, RB14, RDS13, R+00, RGD15, RGBCS09, RH12, SLH+13a, SLH+18, SHCS86, She93, SCM+98, SMJ15, SV97, SB97, SVTSM+22, Sor84, SHCR98, SDMS99, SDMS05, SNO99, SR10, SG91, Tak06, TKC+14, TYKA95, TG09, TRSHB04, TAB+19, TLC23, VJ12, WH97, WN91, WBS06, WJK98, WSL88, Wat87, Web90, WYBdJ+21, WS98, WvR16, WOKH96, Wor91, WHL19, XT11, XH96, YS96, YDTS01, ZLM98, Zen99, ZGZS20, dNdRRL+21].

performance [de 96, van86, MVZ98].

performance-aware [KBG+01, MSMC15a].

performance-centric [CFD+16].

performance-portable [DWL+12, FAF16, MAB+21].

performances [DL04].

Performing [CN98].

perimeter [BW01].

perimeter-time [BW01].

Periodic [TM09, TYLL22].

permutation [LJD93, She95, Wit98].

permutation-based [She95].

permutations [LT94, Lin90, LY93, LC99b, TL94].

persistent [BE97, HMS+19, IYV+22].

perspective [BJK+17, PODd16, SL03, W+99].

Perspectives [Her00, McB94c].

pessimistic [Don05].

PET [Che98a, GH98].

peta [LK10].

peta-scale [LK10].

Petascale [CYXL18, MSV15, SML+14, BOV09, SWR+13, ZYZ+16].

Petri [WN91, CFC99, MS89].

PETSc [CDM06, HM01, MAB+21].

PFASST [SR17].

PGAS [PEO16, TBM+16b].

phase [ADGS10, DE09, LS92, WAT20, ZL04].

phases [DZD01].

PhD [Hol11].

phenomena [KRS⁺21, PIG⁺16].
phenomenon [YR18]. **Phi** [HSSM17, Tak18, TLS16]. **philosophy** [UWC14]. **photon** [BLFT84].
photosynthetic [SLS⁺21, SSV⁺16].
Physical [SJJ85, PGGP19, RBB⁺22].
Physically [TB07]. **Physics** [BKL⁺19, WHL19, BKS19, BBL⁺19, Gup99, HZY⁺19, LyHW⁺22, LYC⁺19, Pea19, Rap99].
PI [PUSS97]. **PI/OT** [PUSS97]. **PIC** [DBVS01, Hat06]. **pickup** [CGGG03]. **pilot** [GCP11]. **pilot-job** [GCP11]. **Pin** [LC89].
Pipeline [CCJ90, HK06, SWSG92, CT88, FHKZ88, GAMR03, MR86, MCG⁺12, NAC⁺14, RVD10, Tap84a, UN87, Wil85].
pipeline-interval-optimum [UN87].
Pipelined [BD89b, BE89, BAZ93, CC92, CV17, Co019, Gao87, HHH92, LPH00, MRT93, RCAP11, Sor84]. **pipelines** [MG19, Tap84b]. **pipelining** [CWK09].
pivoting [Ala89, AC94a, CG87, Meg90b, Pet84, RDB⁺90]. **pixel** [JON08].
placement [Has01, MSA09]. **planar** [HI92, Kim90, KSS06, SE87]. **plane** [RBMO20, SM88]. **Planning** [HMS⁺19, MLM⁺00, SB95]. **Plasma** [TTT⁺92, CDH⁺03, DBVS01, MWI⁺15, RKMJ10]. **platform** [AGB97, CC97b, CTA22, DTV21, DWL⁺12, GSC⁺22, KR10, NMMG13, SBP12, ZLM98].
Platforms [LCE⁺18, AAS20, BLRR02, BLR03, BEDdC16, BEK⁺11, BDNP11, BDRV99, EYP⁺20, FLYL21, LHR⁺19, MII⁺11, MAA⁺21, SWCBQ19, WOV⁺09, ZGL⁺19, dSS09]. **Plugging** [CDRV97].
Plus [AV15]. **PMAA** [AGPS03].
PMAA'04 [CGNR06]. **PMAA'10** [ASSS11]. **PMAA'14** [AGKS15, AGKS16].
PMAA'16 [AAGS18]. **PMAA'18** [SAGV21]. **PMAM** [SHB19]. **PMAM'17** [ABH18]. **PMC** [MHE19]. **PMC-space** [MHE19]. **PMIRKDC** [MPJ03]. **PMIx** [CHBS18]. **PML** [Ram07]. **PnetCDF** [BPC21a, BPC21b]. **pNJTree** [DL06].
point [AA24, ADLL03, CGOP03, CB09, DM03, DNL15, DR03, GGA19, GICM18, Kam88, Kie91, LTG23, LHS13, LBGO23, NYFK06, PJ84, POHS14, ZG16].
point-to-point [ADLL03, CGOP03, CB09, GGA19, LBGO23]. **pointer** [Her00].
pointer-based [Her00]. **pointerchain** [GCC19]. **pointers** [AZ98, GCC19]. **points** [KH95, Wei93]. **Poisson** [BT88, LV92, SBO⁺91, Vaj84]. **polar** [HP94]. **Polder** [vOS⁺98]. **policies** [APPG15, LGC97, PGAA16, Zam99].
Policy [ZWJ⁺19, MMM13, RBL97].
pollutants [Zla88]. **pollution** [BWZ95, OZ02]. **polyacenes** [NHS⁺95].
polycrystalline [LVC16]. **Polydisperse** [ER18]. **polygon** [AU88]. **polygonal** [AU88]. **polygonization** [HS03]. **polygons** [Kim97, LSS05]. **Polyhedral** [SLC⁺16].
polymer [Bis84, OCSBY01].
polymerization [EGTD99]. **Polynomial** [Jan06, AO89, But92, CF90, Fre89, FB91, KP93, LT09, LWS02, PW89, SMK91].
Polynomials [Sen91, EK92, LAS90, OW97, SK91]. **pool** [YHZ21]. **pool-based** [YHZ21]. **popular** [Wei91]. **populated** [MHE19]. **population** [LP92, MSOCG⁺16]. **poroelasticity** [TA14].
port [ST02]. **portability** [CHLO85, CTA22, CCP⁺21, DM97, LG21, WYBdJ⁺21, tV96].
Portable [CHHW94, JHSV02, SEAH⁺08, YX07, ABMN02, BRH90, BAS13, DAA94, DFRZ02, DS87, DWL⁺12, FAF16, GLDS96, KA96, MAB⁺21, Van02, WS12]. **portfolio** [CLHL23, GS10, LMH08]. **Porting** [BBB⁺22, FLS⁺21, MAA⁺21, PMMAM10, WLN⁺96]. **ports** [CC00c]. **Position** [GV11].
Positive [EV89, HRR02, NYFK06, ZVWS88].
positron [Möl99, ZLM98]. **possible** [FLW86, GK03]. **possibly** [CLA14].
Potential [LCE⁺18, CLC⁺18, DSSD18, FYH⁺18, LLX⁺18, LHL18, MBB⁺18, PTK04, SWR⁺18]. **potentials** [HSS09].

Power [ACM⁺10, ACM⁺15, BLCR21a, BLCR21b, CFD⁺16, CHQORS18a, DZM⁺13, ECLV12, EL91, KAM⁺20, LKGD16, MHE19, Mak94b, NS11, NFG⁺13, OW94, ŠDJ⁺22, TKC⁺14, TDG⁺18, TYLL22, WZV⁺16, WC15, YA24, YZB⁺23, ZLPF16, Bri95].
power- [NFG⁺13]. **power-constrained** [KAM⁺20]. **power-efficient** [YZB⁺23].
powering [CKM94]. **powers** [EMB89, EM90, SB92b]. **pp** [WBD99a].
PPS [MCY⁺24]. **Practical** [BWZ95, CW97, Hol95, JKH95, LBL95, kLH95, STKA96, Trä18, WRB97, KT99, KA96, KS99, Par87a].
Practice [TFV16, CAA98, NOG⁺22, ZGZS20].
pragmatic [Col04]. **PRAM** [CC96b, HK06, KT99, She97]. **pre** [BOVG10, KEEF01, OV06, Wak04].
pre-load [KEEF01]. **pre-processing** [BOVG10, OV06]. **pre-propagation** [Wak04]. **precedence** [BHR09, MKS91, QJ06]. **precision** [BEK⁺11, JAH⁺18, LPNV20, Tak10, WRS12, ZGG92]. **precompiler** [GF89].
Preconditioned [AGD⁺17, BRS97, ABB⁺16, ABG⁺06, BM90, CG89a, ETV91, GYH94, GZHX17, GV14, TGE92, VvW98, van86].
preconditioner [BP02, Dag07, EG94a, GPSK09, HJ97c, HKR⁺10, PLP97, PHD16, RMS⁺18b, SY21].
preconditioners [AO89, CGMM99, DNL15, EV89, Ema10, GHW08, Haa98, LWS02, SSSG03, Str08].
Preconditioning [AHBD18, ADFQO19, BPS01, GCH21, Lip99a, SZ02, Wai88, XKL⁺22, YD97].
predict [CK90, FDTZ04]. **predictable** [MFS⁺19]. **Predicting** [BGL⁺04, RvG05, WC15]. **Prediction** [CB17, AFD13, ADR⁺05, ADE84, BG07, CQ97, GJS93a, HJ97b, ISO⁺03, LZCT15, MJ99, SXBD97, WH97, XDZL10, XH96].
prediction-based [LZCT15]. **predictions** [AÖ22]. **Predictive** [FTY⁺20, BLCR21a, BLCR21b]. **predictor** [RM97]. **predictor-corrector** [RM97]. **preemptable** [BDF⁺00]. **preemption** [GF03]. **Preface** [Ano13i, Ano16k, CC16, Pet92, Thu10].
prefetcher [CZJS12]. **prefetching** [PSS01, RG09, YEC97]. **prefiltering** [BNK15]. **prefix** [ABH⁺10, ZM96].
Preliminary [Ger94, WLK⁺18]. **PREM** [MFS⁺19]. **preprocessed** [SPW⁺15].
preprototype [Pei88]. **prescribed** [TKG97]. **presence** [CHR18, MW91, SAOKM01, TYSF13].
preserving [MDC⁺08, SS95]. **price** [Ger04].
pricing [FMM10, SÖB07, Sur10]. **primal** [NYFK06]. **primal-dual** [NYFK06]. **prime** [Mas98, Tem88]. **primitives** [STP⁺19].
principles [Her88]. **prior** [NMI⁺24].
priorities [SS04]. **Priority** [Bro99, Bur04, DP00, WH94]. **prism** [HWL⁺22]. **Probabilistic** [BS97, JDG02, YMY⁺19, ZS21].
probabilities [EB93]. **probability** [ASDOK01, BWT⁺08]. **probe** [KG21].
probe-based [KG21]. **Problem** [CMP92, MW91, AC89, Als01, ACM20, Arb92, ADTV01, ACGL04, ABH⁺10, AHW14, BW01, BR90, BG97, Bev89, BDK96, Bol86, BGM03, BCG00, CGGG03, CCS87, CCS94, CJ92, CDK⁺03, CA92, CW97, CWB92, Cor00, CGOP03, CFH89, DCY⁺22, DG90, DG95b, DQRR00, DvdG92, EM85, Eva91, GLMBMPMV03, GPS03, Gol88, GT90, GM03, GHC04, Gur88, Gut88, HI92, HC92b, JK91, Kal90, Kal92, KŠR04a, KŠR04b, LLW⁺15, LS97, Lin91a, LO92, Lin94, LV92, LC97, ME90b, MMT06, MP95, MOF04, MGSK87, Nag88, NA03, Nat90, OWZ91, Par91, PMV⁺20, Reg01, SSY02, SK19, SMK20, SF91, SL90a, SL90b, SE87, SM88, SS91b, Tai91, TNZM20, TTO⁺22, TSCS14, Thu92, TRSHB04, WBPM97, Wen95, Zhu93, Zub90, Bur04, DN16,

DUG⁺06, LW15, MNS87]. **Problem-heap** [MNS87]. **problem-size** [Lin91a].

Problems [DZ90, AK89b, ABB⁺11, AIV95, BP95, BCC⁺97b, BGB10, BR84, CSEK03, CGG01, CW06, DM03, DFO93, El 93, EK98, FYEHP89, GSZ88, HJ97a, HF20, HK91, KH95, KR10, KH92, Kie91, Kie94, Kim98, KR00, LLPV06, LPM11, LPH00, LPMD01, LQ92, LNA06, MV99, MWH95, MST94, MR86, MS90, NDN20, NP05, OIK21, OHZ98, PG93, PMV⁺20, Pir93, Pir96, RLH19, RS88, RV95, SMK91, Sch91b, SSD01, SC95, Sug99, Sun97a, SW03, ŚDJ⁺22, Sýk84, TN13, TO99, TCL92, VV07, Wri90, ZPAT99, ZM88a, ZM94, ZLD15, ZG16]. **procedural** [MSE95]. **procedure** [CF91, IS18, LS92, Mei86, Riz85, YNY⁺17].

procedures [SS94b]. **Proceedings** [HKK97b, Jou97, KVV97a]. **Process** [CHBS18, Jia09, BO91, BGL01, DCN⁺15, GJMMS97, HG12, PWM00, Qua92, SK97b, SWR⁺13, WH91, YXQ⁺21]. **processes** [ATT89, DS07, EGTD99, HSR⁺14, MZ04, Ram99, SLS⁺21, SIWC89, WFW⁺11, Wil85, vS92]. **Processing** [B⁺02, ADr99, AHL02, ACMT20, Alm85, ASH92, BM01a, BOVG10, BCB02, BCRSR11, B⁺01, BWT⁺08, Bro87, Bro88a, CLS93, CS89a, CC00c, Chr98, CMM⁺88b, DP02, DCDV98, DOD23, EM88, Fah85, FMS01, HL97, HLvHA11, HSS09, HCJ03, Hir86, JON08, KN88, Kan93, KY98, KK01, KA19, Kot97, Kut85, kLH95, LS90, LXD⁺23, LWJ⁺17, MP08a, MP08b, MHH97, MSW91, dTNOR⁺04, NJ02, Ohb85, OV06, Ori10, SMT⁺04, SKG02, SSS99, SG02b, SS01, SC92, SY87, SH88, Sur10, TMCC02, Tor91, UZ02, WLK97, WH22, WB97, YD97, Zom95, dCC89, Has90].

processing-in-memory [LXD⁺23].

processor [AFJG06, BAMK07, BFY06, BDSd94, Bol86, Bro87, BAZ93, Bus93, Cal85, CC91, DHL07, DJ87, DS92, EEH⁺19, EB88, EG92b, FFLV96, FBMV88, FYEHP89, GIF⁺10, GB14, GE92, Hil92, IM88, JWS13, Kas84, Kat01, KSP97, KAD09, LXC⁺18, MM96a, Mak94b, MT91, MR86, NNB⁺99, PRW88, Qua92, RV96, SV94, SS94a, SB95, Str87, TTH95, VvBv90, Vég18, WYX⁺22, Wil88, WS94, WRS12, YD01, YLW⁺13, ZJD⁺23, ZVWS88, de 87].

processor-memory [Bro87]. **Processors** [Ano88b, AAV08, ACH⁺18, ABMT99, Ann89, ADFQO19, AKNS91, BDF⁺00, BV04, BGG⁺99, Bis89, CAS09, CHQORS18b, CZJS12, CC92, CC99b, DC15, DHS89, DG99, FK89, FMR90, Gro87, HK90b, Li97, LL90, LLL10, LV15, MV87a, McB88a, MIA⁺07, Meg90a, MAM⁺09, MSW98, MOW95, NMAB19, NB12, NRN00, R⁺00, RHM⁺88, SA13, Son92, Tak18, VJ11, WXL⁺18, YNO97, YL86, Zla88].

Procrustes [Par91]. **Producing** [HAJK01].

product [AAHF97, Bar97, CMT96, EM88, FG89, HCR01, KD10, VFG12, YORO08].

production [AAB⁺16, BDI⁺95, GCP11, LGM09, NOG⁺22, Taf01, TRLD13].

productive [SLH⁺13a]. **productively** [SDMS12]. **productivity** [IMQO⁺18].

products [KKSS90, KS91b, NMAB19, Obe85]. **profile** [MSK14, RVD10]. **profile-based** [RVD10].

profiler [MAD⁺16, PB16]. **profiles** [MAJD17]. **Profiling** [KC97, EYP⁺20, MK12, NMI⁺24, WZV⁺16, WZCG14].

Program [GPC88, LKGD16, LWZL24, Psa02, SS91a, CZTS99, CDZ⁺98, DGNP88, DL06, GJS93b, KMLM97, ROZ01, RH12, SNS⁺97, SCD92, WvR16, YS96].

programmability [CHZ⁺19].

programmable [LS90]. **Programming** [ANG⁺20, ABH18, BVC16, BVC19, DSCP88, Jor88, MS23, WLN⁺96, YFK03, AQO18, ACH98, ARR19, BE95, BH14, Blo03, Bog92, BRH90, BÁJG⁺20, BL94b, CLS93, CHHW94, CDM06, CCS03, CHLS90, CCJ90, CBV13, CFW⁺22, CMV⁺06, Col04, CV02, CGM05, DM03, DCG90, DWL⁺12, ECG93, FF21, FSG19, GSE⁺15, GGNY11, Ger98,

Ghe85, Gil94b, GEvGCP09, Hem94, Her00, HMS⁺98, HST05, Hoe12, IUY⁺04, JMA⁺13, KT99, KA96, Laf02, Lef97, LEH14, MAFC14, MMTU18, MSP93, MIA⁺07, MV87b, M⁺00, MKL⁺88, Nak05, NZ97, NZHY11, NRN00, ONB11, OCPT97, PS84, RRA11, RR14, RR16, STP⁺19, SBP12, SW91, Seu85, SK97b, SHB19, SVC19, Son86, Sto89, TBM⁺16b, UAR⁺99, Van02, VP92, VKH99, Wal01, WYT⁺16, Yue97, ZLT19, de 87].

programs [ATA⁺16, AZ98, A⁺99, AKP⁺98, Arv92, Bek95a, BGMT00, BGL⁺04, BHS99, BDS88, BS96, BS00b, BGL01, CCL04, CSH⁺11, CI98, CCH⁺21, DR93, DS87, DR03, DGKF19, EGTD99, EO91, Fer97, FGHB94, FC18, FBG⁺12, GTW⁺20, HvNJB12, Hwa02, Hwa04, JPK⁺15, KCD⁺97, KY94, Lee95, LF98, LMH08, MAB⁺02, Mah96, MS98, MS99a, MBK12, MHH97, NL91, NYFK06, OM90, PAG⁺05, PS91, Psa02, RvG05, RVD10, RW89, SER90, SM91, SS94a, SV97, Str87, SLH⁺13b, THH⁺05, WW90, Wol89, YMY⁺19, ZZ03, ZJDW18].

programs/data [PS91]. **progress** [MCM01, RSC⁺19]. **progressive** [RR97]. **project** [C⁺01a, Hey94, KNP97, SG02b, Tro94, UAR⁺99, WPD01, YK87, AAB⁺06]. **projection** [ADF93, ALH⁺14, GK04, KS89, KW90, Slo91]. **projector** [KHHC20]. **projects** [McB94b]. **Prolog** [KNP97, MBC97, VK92]. **promise** [Hac89]. **prone** [LHR⁺19]. **proof** [GRP22, HE88, KS87, KB20]. **propagation** [AATK10, CFD⁺16, DDF⁺10, FGS97, MMC97, SCCPM14, SGP22, TPK⁺13, Wak04]. **propagator** [LSP92]. **properties** [BM01a, BA95, EBSS94, EAKT90, ME92a, TCT00, YLT⁺23]. **Proposal** [MSS19]. **proposals** [RS88]. **propositional** [BSK03, CF91]. **protecting** [FLYL16]. **protein** [BM08, GÁVRRL18, KHN01, OCSBY01, Rob00]. **protein-interaction** [BM08]. **proteins** [FM15, VBS⁺15].

Proteus [JAH⁺18]. **protocol** [BDK06, CWK09, LLFZ23, RGT17, YLW⁺13, Yua94]. **protocols** [ACLN03]. **provenance** [PGGP19]. **proving** [CF91]. **provisioning** [GCP11]. **Proximity** [Bur04, BP97]. **Pruning** [LDK16]. **PSelInv** [JLY18]. **Pseudo** [FHJ⁺84, FHL87, mMvdV01]. **pseudo-overlapped** [mMvdV01]. **Pseudo-random** [FHJ⁺84, FHL87]. **pseudorandom** [MM95]. **pseudospectra** [BG02, MP02]. **pseudospectral** [Bri95, MRRP11]. **pseudospectrum** [BG01]. **PSFGA** [dTNROR⁺04]. **psi** [Tak06]. **psi-cube** [Tak06]. **PSO** [YA24]. **PT** [CP08]. **PT-Scotch** [CP08]. **PUB** [BJvOR03]. **Publisher** [Ano19m]. **Purcell** [CL02]. **Purdue** [BKL⁺19]. **pure** [BHS99]. **purpose** [AHBLR12, CT94, DZG94, Hac89, PJW⁺22]. **push** [LAHM14]. **push-relabel** [LAHM14]. **PVM** [Ahm97, ADMV05, CDGM96, DG95a, JH97, LHZ97, MSP93, SGS95, SSS99, SGDM94]. **PyCUDA** [KPL⁺12]. **PyOpenCL** [KPL⁺12]. **pyramidal** [EMB89].

Q [BJV⁺16, CDZ⁺21, MV17, WZV⁺16]. **Q-learning** [CDZ⁺21]. **QCD** [A⁺99, CIS99, GLS99, KLN90, Lep99, Lip99a, Uka99]. **QCDSF** [Maw99]. **QIF** [EB88]. **QL** [RH99]. **QMPI** [EYP⁺20]. **QoS** [JMA⁺13, NMMG13, SY⁺22]. **QoS-aware** [SY⁺22]. **QR** [BOVG10, BM01b, DFH⁺13, DM02, GK03, HK06, Kon02]. **QSDF** [Got89]. **QTMS** [YXQ⁺21]. **quadrant** [GMBZ90]. **quadratic** [DM03, DR03, Tai91, YXQ⁺21, ZZ03]. **quadrature** [BE88]. **quadrillionth** [Tak18]. **quadtrees** [PGBF⁺07, WA03]. **Quaff** [FSCL06]. **Quality** [MD04, MPD00, DM97, OIK21]. **quantification** [MHK97]. **quantify** [TDG⁺18]. **quantization** [AB02]. **Quantized** [BV04]. **Quantum** [MAM⁺09, ABH⁺10, BS00a, BJK⁺17, BH99,

GPW⁺08, Gup99, JPK⁺15, KR00, LXD⁺23, NMW93, PJV00, SSGF00].

quantum-mechanical [KR00]. **Quark** [LSP92]. **Quasi** [LWG06, TLC⁺21, Beb97, CH98, KS16, LM00, ÖW10]. **quasi-** [KS16]. **Quasi-atomic** [LWG06]. **quasi-Monte** [LM00, ÖW10]. **Quasi-Newton** [TLC⁺21, CH98]. **quasi-stationary** [Beb97]. **queen** [BW01]. **Quenched** [Rap99].

queries [CRGR⁺13, HM02, LND⁺19, Reu99]. **query** [BV96, RBB⁺22]. **question** [BC97]. **queue** [CAS09, SP97, WL98]. **queueing** [HMTX93]. **queues** [Bro99, DP00, RG09]. **queuing** [MPZS13, TB22]. **quickest** [HC92b]. **quicksort** [Lev90, FP92].

R [FD02]. **race** [CSH⁺11, CRD02]. **rack** [MP87, TM90]. **Racoon** [DG05]. **radar** [FFLV96]. **radio** [AATK10, WYX⁺22]. **radio-wave** [AATK10]. **radiosity** [APRP97, RR97]. **radius** [Rob00, Wor92]. **radix** [BAZ93, TTH95]. **Radon** [FF92]. **RAIL** [FMB98]. **RAMA** [MK97]. **ran** [HSSM17]. **random** [APG92, DP90a, Deá90, FHL87, FHJ⁺84, Mak94a, San99, SR97, SMC03, TS21, dP90b]. **randomization** [FMM10]. **randomized** [BBB⁺14, BGV97, CA92, ÖW10]. **range** [CRGR⁺13, GWC⁺99, GVH08, Kau94, Kim98, She95, Zla88, dP90b]. **range-join** [She95]. **Rank** [Meg90a, CKM94, DT95, KTN⁺14, Kon02, XKL⁺22]. **rank-** [DT95, Kon02]. **rank-mapping** [KTN⁺14]. **rapid** [AAB⁺16, FHMS93]. **rarefied** [MT97]. **Rate** [CS00, CLY⁺19]. **rates** [LD98]. **rational** [MKC92, SSL19]. **ray** [AATK10, DGBP05, Lee97, RJ97, SGS95, SSV⁺16, TS21, YEC97]. **raycasting** [MSE07]. **rays** [TS21]. **RC_dag** [PWY03]. **RDMA** [GRBA15]. **re** [GGL⁺05, KSM⁺94, ZSI02]. **re-configurable** [GGL⁺05, ZSI02]. **re-engineering** [KSM⁺94]. **Reaching** [CC93, HC05]. **reacting** [SHH⁺97]. **reaction** [HSR⁺14, Wei97]. **reactive** [AFPG12, Ram99, WH15]. **reactor** [HSFS14]. **read** [CS19]. **Real** [AGB97, GMF00, Heg96, HCH⁺96, BW92, BEDdC16, BDH95, BG98, CDV08, GLS01, HA14, Ken90, MF16, NA03, QJ06, RHM⁺88, SWCBQ19, SMTT96, TYLL22, WH91, YZB⁺23, vWWM⁺19]. **Real-time** [AGB97, GMF00, BG98, CDV08, GLS01, MF16, NA03, QJ06, RHM⁺88, SWCBQ19, TYLL22, WH91, YZB⁺23, vWWM⁺19]. **real-to-integer** [HA14]. **realisations** [WVHR16]. **realism** [San02]. **Realistic** [HDH97, SHRN98]. **reality** [BGWW97]. **realization** [KSS06]. **Realizing** [McC89]. **rearrangement** [HRT07]. **reasoning** [BPEL05, QH19]. **Receiving** [ISO⁺03]. **recognition** [CC96b, JC94, Ume01]. **recombinative** [MG95]. **Reconciling** [San02]. **Reconfigurable** [Cho91, DP02, BCYB11, DT95, Kas85, KCG08, LPH00, MO89, MRT93, MB00, OSZ93, PW22, SEAH⁺08, VTmL03, Wan08, KB08].

Reconfiguration [WWL⁺22, JWS13, MSMC15a]. **Reconfiguring** [LH02, RGBCS09]. **reconstruction** [BMCA98, BCMG⁺07, BBB19, Che98a, DL06, GH98, KBBC88, LPCA98, Möl99, OIH10, RW98, SKH⁺12, WCKM11]. **records** [BBDN21]. **recoverable** [PLY02]. **recovery** [CQ01, FCZY17, LH88, LWG06, MSK14, SRS⁺19]. **rectangle** [JCL92]. **rectangular** [GDAK06, TTH05]. **Rectangulating** [Kim97]. **rectilinear** [Kim97]. **recurrence** [DQRR00, RF90, Stp93]. **recurrences** [Gao87]. **Recursion** [DGP⁺16]. **recursions** [AE86]. **Recursive** [KCN99, SE93, Bus93, CHH⁺01, CS89c, DLS09, DWS⁺23, EZ99, ME93b, NM01, RBB17, SHCD00, dV94, Mar14]. **red** [BP02, SY21]. **red-black** [BP02, SY21].

redistribution [GNY00, HBH⁺16, MQ97, Van90, WW95, BLRR02]. **reduce** [ATA⁺16, CCGG14, PGW16, TN13]. **Reduced** [SKS⁺95, ZM96]. **Reducing** [CRGM16, NMARD10, SA16, TB22, WH15, DB03]. **Reduction** [DvdG92, Ala89, AM93, BE93b, BDK95, CDGI15, DCD97, EY94, GS89, GTD18, GL99, HM97, KK11, Kuz98, Lan96a, LC89, ML20, ML23, OTI⁺89, PGGL17, RM91, SST09, Sch91b, TDG⁺18, TRSC⁺19, TND10, YE94, ZM96, CTZ⁺18]. **reductions** [ACH⁺18, GPZ08, HT00, ZCBD22]. **redundancy** [ZLJ93, ZRS13]. **Redundant** [FMB98, Gir02, MKS91]. **reference** [Bev89, PL00]. **REFINE** [BA95]. **refined** [PSW18]. **refinement** [BN01, DLR94, DR95, HAK⁺21, LPNV20, PGW16, VP92]. **refining** [Zha95]. **Region** [TPK⁺14, AU88, DGKF19]. **region-Aware** [DGKF19]. **Regional** [BMS97, ADr99, SXBD97, YNY⁺17]. **regions** [Box92, KH97, LFL11, SLY90]. **register** [MM95, TM09, Ume89]. **register-number-minimum** [Ume89]. **registration** [Chr98, IOH05, WJK98]. **regression** [GK03, YK08]. **regular** [ACM⁺10, LLS⁺93, Lin91b, SS01, Tro00]. **regularization** [BE93a, MDC⁺08]. **regularized** [Zhu93]. **regulatory** [CFS01]. **reinforcement** [Ken90]. **rejection** [CLY⁺19]. **relabel** [LAHM14]. **related** [Arv92, DW99, KH95, SMK91]. **Relation** [BI07, KLS⁺88]. **Relation-based** [BI07]. **relational** [BF95, LTS⁺24, TDW⁺04]. **relations** [BK97, MKS91]. **Relative** [BE89]. **relaxation** [Bai99, BG97, CZ91, El 93, LG09, PJ84, RBMO20, SY21]. **Relaxed** [MX07, ZDE95]. **relaying** [LSY⁺24]. **relevant** [HSR⁺14]. **reliability** [CYDJ21, HWYL89, TYSF13]. **reliability-guided** [CYDJ21]. **Reliable** [ZRS13, DHS00]. **relinking** [ABR03]. **relocation** [GLS01]. **remaindering** [KC93a]. **remapping** [CNK93]. **remarks** [Tro94]. **remote** [AGO97, CDK⁺03]. **removal** [CDRV97, DVP90, TFS91]. **Removing** [ZJDW18]. **renderer** [Kat03]. **Rendering** [RJ97, CM95, CFN03, CKS03, Cro97, DCG⁺07, FB19, GWLS05, ISH03, KPH97, SL03, SIH14, Wit98]. **Reordering** [Liu89, GLU03, LC99a, PHCR05]. **reorthogonalization** [BLT⁺22, KC93b]. **replay** [CSH⁺11]. **replicated** [Kan97]. **replicated-data** [Kan97]. **replication** [ČSR05, CBP⁺07, ZJDW18]. **report** [DLO17, MCM01, TSL17, YLF⁺17]. **reporting** [CF93]. **represent** [Wil85]. **representation** [Ken90, MT89, TPK⁺14]. **Reprint** [FJPA17]. **Reproducibility** [DLO17, GHH18, HG17, NGM19, AGV⁺17, CDGI15, FHL87, TSL17, WBN⁺17, XRW⁺19, YLF⁺17]. **reproducible** [LHG⁺23]. **Reproducing** [BCE⁺17, BKS19, BKL⁺19, BBL⁺19, CLC⁺18, DSSD18, FYH⁺18, HZY⁺19, LCE⁺18, LLX⁺18, LYC⁺19, LHL18, MBB⁺18, SWR⁺18, WHL19]. **request** [WLYJ13]. **request-request** [WLYJ13]. **requests** [CLY⁺19]. **Requirements** [GT07, BMYK98, BS00b, GPS03, SG16]. **rerouting** [CF04]. **resampling** [DOD23, KHC92, LR16]. **Research** [Ano87, Ohb85, SHCR98]. **reservation** [TKK⁺05, ZP16]. **reservoir** [BBK90, Mic90]. **resilience** [AQO18, CHQORS18a, RMS⁺18b]. **Resilient** [FGBN19, TDG⁺18]. **resizable** [SR10]. **resolution** [Evr01, HW94, VK92]. **resolved** [GPLW17]. **resolving** [Ara03]. **resonant** [Ste88]. **Resource** [BCRSR11, CGH⁺19, GRP22, MSA09, BK07, CRGR⁺13, CLY⁺19, CL05, FL21, GCP11, HMH⁺13, KJA15, LCLA19, MKK⁺19, SVC07, SS94a, STE23, SSS⁺09, SYY⁺22, TKK⁺05, YBM05, ZP16, ZRS13, vOS⁺98]. **resource-constrained** [KJA15]. **Resources** [BFVRC14, ASH92, BGK⁺98, LSC⁺15,

MMO07, PVBR23, RMRN05, RSC⁺19, WCM⁺14]. **respect** [HWW92, LGM09]. **response** [TDW⁺04]. **responsibilities** [SH91]. **responsive** [GE11]. **Restart** [SMP11, AKB⁺19, NSM23]. **restarted** [SWC99]. **restoration** [BZ96, BP00, IT08]. **Restricted** [DR15, Mal02]. **Restructuring** [GP86, MJ95]. **Results** [HH17, Car88a, DFRR91, GJS93a, GLN89, Ger94, HISS92, HBH⁺16, MQ89, MRJ89, Oed92, RS87, Uka99, VIHD90, WBN⁺17, WLN⁺96]. **Rete** [AT98]. **Rete-Match** [AT98]. **Rethinking** [TS21]. **retrieval** [AFT23, BGP⁺97, Kao08, PW87]. **reusability** [ES06]. **reusable** [CMT04a, NE01]. **reversal** [SAOKM01, SB94b]. **Review** [LPNJR96, AK89a, Kog85, ŠDJ⁺22]. **Reviewer** [Ano18l, Ano23h]. **Reviewers** [Ano10a, Ano08, Ano09a]. **revisited** [GR02, Uml94]. **Revisiting** [CIO⁺17, PCLM18, RS92, dNdrRL⁺21]. **Revolutionary** [BOV09]. **reweighted** [ZG16]. **rewriting** [BVP⁺89, CMPM⁺15, HL99]. **Reynolds** [ADTV01]. **Reynolds-Hertz** [ADTV01]. **RI** [Ber00]. **RI-MP2** [Ber00]. **Riccati** [BBQOQ00]. **rich** [DCR⁺16]. **ride** [ACGL04]. **right** [CLA14, KMB⁺18, Pan01, Ter10, WP19]. **right-hand** [CLA14, KMB⁺18, Ter10, WP19]. **Rigid** [ER18, LHR⁺19]. **Rijkswaterstaat** [VRL03]. **Ring** [LD99, AIO95, CS97a, FMR90, KJ07, Meg90a, KJ07]. **rings** [AFY⁺16, BGG⁺99, CMT96, KL00, Pop88]. **RISC** [AL93b, NMW93]. **rise** [XC02]. **risk** [CLHL23, CDM⁺10]. **risk-neutral** [CDM⁺10]. **river** [WFW⁺11]. **RMA** [FCS⁺19]. **RMESH** [Kim98]. **RNA** [CLSM98, TLS⁺08, XDZL10]. **RNAVLab** [TLS⁺08]. **robot** [DHS89, Zom95]. **Robust** [RB14, SMK20, SSS⁺09, Tai91, GG10, HSFS14, SN88]. **robustness** [BGMT00]. **roles** [Sat04]. **rollback** [MSK14]. **rollback-recovery** [MSK14]. **rollout** [GM03]. **Romberg** [EM86]. **room** [ZLPP16]. **root** [Jan06, MBC92, SMJ15]. **root-cause** [SMJ15]. **roots** [CF90, GCC19, MR85]. **rotating** [BE87, CEM⁺99, Lun98, SSL19]. **rotation** [Jou89]. **rotationally** [CT88]. **rotations** [VKS⁺15]. **rototyping** [FD02]. **round** [BD10]. **rounding** [Obe85]. **rounded** [CWC00, FK98, HM97, MM96b, Miš98, RGBC11, SW00]. **router** [FT93, LNLK13, LNLK13]. **routine** [GKV94]. **routines** [CHQORS18a, DT95, DH84, DGP⁺16]. **Routing** [PJW⁺22, AAS13, AQ93, ASDOK01, AFY⁺16, BL99, CC02a, CCP98, GP98, HCK94, HC94, KH97, KJA05, LSY⁺24, LY93, LC99b, Loh96, LH04b, LOKM99, NLP⁺15, PGGL17, QCC02, Ral03, Reg01, RE92, ST02, SVC07, Sha06, SF91, Shi01, SW00, Tor91, XCS05, YTCS95, ZL04]. **row** [AC94a, BVWH14, GYH94, LB23]. **row/column** [AC94a]. **rowwise** [PJ84]. **RS0** [MX07]. **rubber** [BM01a]. **rule** [CFMM97, Li89, TE92, VA14]. **rule-based** [Li89, TE92]. **Run** [DLR94, DR95, MPZS13, Rau98, GE11, HT00, KPL⁺12, LK00, RRP03, SM13]. **Run-Time** [MPZS13, DLR94, DR95, Rau98, GE11, HT00, KPL⁺12, LK00]. **Runge** [ES89b, MPJ03]. **Running** [BWZ95, dSS09]. **runs** [Dod90]. **Runtime** [BNS⁺07, AKB⁺19, ADK22, BÁJG⁺20, HXCZ14, MFGEL17, YLT⁺23]. **runtimes** [OK22, RHWF23]. **S** [ADE84, BEK95b, WH94, Taf01]. **S-1** [ADE84]. **S/NET** [WH94]. **S2SS** [MSS⁺05]. **S2SS-MIN** [MSS⁺05]. **SaC** [GS06]. **saddle** [DNL15]. **safety** [GT07]. **SAGE** [NDW⁺19]. **salesman** [AC89, Gur88, JK91]. **Salesperson** [Bur04]. **Salpeter** [PMV⁺20].

samples [ED04]. **sampling** [LLS⁺93]. **SAN** [GLD08]. **SAN-based** [GLD08]. **Sandia** [W⁺99]. **satisfiability** [BSK03, CW06]. **saturation** [TM09]. **saving** [ACM⁺10]. **SBAC** [SN14]. **SC16** [BCE⁺17, HG17, HH17, WBN⁺17]. **SC17** [DSSD18]. **SC[']18** [NGM19]. **ScaffCC** [JPK⁺15]. **Scalability** [ALD01, Ber00, DLM97, IU⁺04, MWR95, RSRM96, ARR19, AW13, BMP15, GHW08, GSMY⁺07, HRT07, JJAP⁺20, KNTG08, LTV96, OID⁺12, RSK99, SG02a, SHN12, VTmL03, VLSPL19, WLN⁺96, dSS09]. **Scalable** [BRWL09, C⁺01b, DLS09, DWM⁺01, Gor97, GKS98, GRBA15, HA97, JPK⁺15, JP94, KTAB⁺19, KTN⁺14, KS07, MK12, NZ97, OKTR13, PVK⁺22, RBMO20, RC17, SK19, WRB97, AALK01, Ano13i, ARB94, ARB95, BBB⁺94, BY21, BB21, Bri95, CQ97, DWH⁺08, DFM⁺95, EPMPU02, FA11, GWWM09, GPLW17, GM98, HKW13, HAJK01, KMB⁺18, KKW14, KG21, LW15, LHK15, Mic97, MRRP11, BHB21, PSS01, PYLE21a, PYLE21b, SS01, Trä12, THM⁺95, VTmL03, Wak04, WCM⁺14, WvR16, WTLW23, Xu07, YZWcF14, ZEC⁺17, ZGL⁺19, GHH⁺03]. **scalar** [AE86, BCCS07, CDC⁺87, KD10, Phi91]. **Scale** [BKL⁺19, ASA16, B⁺02, BCMG⁺07, Bjø87, BG98, BR84, CLS93, Cér07, CS97b, CDC⁺87, CLJ14, GAA⁺13, HCJ03, HMP⁺16, HGS10, IU87, IHM⁺12, JBC⁺07, JCWP07, LLFZ23, LK10, MWI⁺15, MHE19, MSMC15b, MSZM14, MZ04, NHS⁺95, NFG⁺13, NR20, ORS90, OA08, ONB11, OID⁺12, PD11, Qua92, RBP⁺17, TA14, VRL03, WYT⁺16, WP19, YNO97, YX07, YXQ⁺21, YM05]. **scale-free** [HGS10]. **scales** [HSR⁺14, SLS⁺21]. **Scaling** [JG93, CHQORS18a, GGH⁺22, LFL11, MWI⁺15, MAJD17, MP95, MW91, SDMS12, Wor92]. **scan** [Gol86, SST09]. **scan-line** [Gol86]. **scanning** [GGL⁺05]. **scatter** [GLMBMPMV03, GGV04, Trä18]. **scattered** [BG91a, CUSR88]. **Scattering** [BL99, FMR90, SSP⁺98]. **Scavenger** [SW91]. **SCC** [DLO17]. **SCC[']17** [GHH18]. **scenes** [CM95, Lee97, RJ97]. **SCFGs** [XDZL10]. **schedule** [BGR00, DC15, MT90, Moo04]. **scheduler** [KG21, LCLA19, TS88, TDC19]. **schedulers** [CGHBS18, CIO⁺17, KAM⁺20]. **schedules** [BDK98]. **Scheduling** [Aub11, BDF⁺00, BLR03, BDSd94, BCR00, CS97b, DG99, GB14, Kha12, LZ00, Mis87, MS99b, Ver99, Ver00, AD96, ABR03, APBcF16, AGLP06, ABMT99, AMP92, AGGG06, BEY00, BKS06, BM11, BGG⁺99, BHR09, BD10, BPK12, BNS⁺07, BDM99, BR99, BSD11, CLY⁺19, CHQORS18b, CC92, Chr00b, CL05, Cor00, DM04, DT96, Eis89, ECLV12, GO88, GMS04, GNY00, HJ05, HK02a, KKT00, KK03, KK11, KS05, KJA15, KP96, KY94, LGC97, Lah00, LLP00, LKHL03, LSC⁺15, LGD⁺15, Liu86, Liu98, LND⁺19, LWW⁺21, MCY⁺24, Mar92, MFS⁺19, MCP⁺14, Mun99, NL98, OS21, PVBR23, PW22, PRV08, PKR00, QJ06, RRP03, RC15, RT88, RBL97, SM13, SG02a, SWCBQ19, SLG⁺22, SCL⁺23, ST21, SS04, SLH⁺13b, SR10, TRLD13, TYLL22, TE92, VLL90, VK17, WL13b, WZS⁺14, WZCG14, WS94, WLZ⁺23, YG93]. **scheduling** [YCS07, YZB⁺23, ZS21, ZLPF16, ZRS13, BD95]. **scheme** [AALK01, AQ93, Ara03, CHH⁺01, CSH⁺11, CNK93, Cor00, CQ01, CGM05, FG89, KYS23, KY98, MC09, MRRP11, PLY02, SKN04, SS90, SNO99, WW92, WC94, WZS⁺14, WH94, XXQ⁺15, ZL94]. **schemes** [BSE88, BFM90, DFM99, Duf86, GLD08, HWB92, HHSM88, HHJP16, MT95, RHWF23, RV96, SDv98, YD01, ZY16, ZGG92]. **Schlegl** [HE88]. **Schmidt** [BO91, BLT⁺22, OW90, Str08, WC91]. **Schur** [XKL⁺22]. **Schwarz** [ESK88, LG09,

Mei86, PHD16, Rod85, YCBD19]. **Science** [Ano88b, ABG⁺03, AC00, BRS⁺17, CDR⁺95, SCM⁺98, WCM⁺14]. **Scientific** [BCL91, BDO17, Jou97, BC97, BOS⁺09, BOG15, CCGG14, CTS02, CD98, CC16, DT97, DST01, Eck90, FDTZ04, GRP22, HST87, LTV96, MV87b, NS02, ONB11, ONOK13, OID⁺12, Pel97, SC03, SC05, VK17, YPG03]. **scientific-application** [BOS⁺09]. **Scilab** [C⁺01a, C⁺01a]. **Scotch** [CP08]. **Scout** [MIA⁺07]. **scramjet** [CYXL18]. **scratches** [IT08]. **Screen** [Ban97]. **Screen-parallel** [Ban97]. **screening** [JBC⁺07]. **scripting** [KPL⁺12, WHW⁺11]. **scripting-based** [KPL⁺12]. **SCS** [WSL88]. **SCS-40** [WSL88]. **SDAFT** [YZWcF14]. **SDPARA** [YFK03]. **Search** [Wal01, AFT23, ACM20, ABGC⁺14, ACGL04, BBL⁺16, BBQOQ00, BGM03, CGGG03, Dzw91, EMV⁺18, FM15, GLMBMPMV03, GLS01, Loh96, MGCB⁺10, PR90, PKR00, RRA11, SKC90, Tai91, THG98, TCT00, TCS04, TO89, ZHC⁺23, DC15]. **searches** [MC09]. **Searching** [EAKT90, GÁVRRRL18, PRW88, CCS94, HSN89, ME92a, Wal01]. **second** [ADF93, BGWW97]. **secondary** [Bjø87, TLS⁺08, XDZL10]. **secret** [SBZ04]. **secure** [CLJ14, FLYL16, JCWP07]. **Security** [BGP⁺97]. **seed** [CYDJ21]. **seepage** [YLCT18]. **SegFAUlt** [DLO17]. **Segment** [YZB⁺23, ZL94, CF93, CRD02]. **segmentation** [AGB97, BCYB11, GWC⁺99, LSA⁺95, MCG98]. **segmented** [AL88, LV15, SPCB22]. **Seidel** [BP02]. **Seismic** [CFD⁺16, DDF⁺10, HB84, KN88, SSS99]. **Selected** [Ano22m, MTW07, PŚ00, TH20, JLY18, KHHC20]. **Selecting** [LSL02]. **Selection** [BFVRC14, SlWC89, CYDJ21, FMA17, GF03, KJA05, LG21, PMAL14, PGBF⁺07, RA20, She92, Uhl96]. **selective** [CSW01, DCG⁺07]. **selectsort** [HK90a]. **Self** [BFVRC14, DR15, GV06, NH11, SM13, ORS90, SSP⁺98, TS88, WC94, WHW91, YCS07, ZSI02, da 90]. **Self-adaptive** [GV06]. **Self-adaptivity** [BFVRC14]. **self-adjusting** [WC94]. **self-consistent** [SSP⁺98]. **self-organization** [da 90]. **self-organizing** [ORS90, WHW91]. **self-scheduler** [TS88]. **self-scheduling** [YCS07]. **Self-similarity** [NH11]. **self-testing** [ZSI02]. **Self-tuning** [DR15]. **Semantic** [Bak00, AKSS07, Vio04]. **semi** [DLPS92, PCL23, ZBG88]. **semi-automatic** [ZBG88]. **semi-centralized** [PCL23]. **semi-systolic** [DLPS92]. **semiconductor** [MW94, PZE94]. **semidefinite** [NYFK06, YFK03]. **sensing** [OA08, YPL12]. **Sensitivity** [GMS04]. **sensors** [OA08]. **separable** [CDGM96]. **separation** [XCR17]. **September** [Ano20p, Ano21r, Ano22i, Ano23i, Ano24f]. **sequence** [DEH⁺11, EAR93, GK04, MC09, OGC⁺15, TS09, ZHC⁺23]. **sequences** [AvHL⁺97, BMCA98, GÁVRRRL18, HK06, Lec89]. **sequential** [AS86, FLW86, GW08, GM03, MA22, RVD10, TTO⁺22, Wil85, Reg01]. **serial** [BF92, Hot89, Lan90, SMP11, Y⁺99]. **serialization** [PGAA16]. **series** [CCRR91, Cor99, DLPS92, MS99b, OW94, Pop88]. **server** [BA02, CS97b, DFRC94, GLD08, JSC97]. **servers** [Che98b, GM98, GLP98, RBL97]. **Service** [SVC07, BK07, JCWP07, KG03]. **services** [BY21, BGK⁺98]. **set** [BG21a, BG21b, BCC⁺97a, BCC⁺97b, CKM93, GP98, GHC04, HT94, HL99, Hwa04, Leu89, MSE93, SL90a, Ski02, THMH21, WYBdJ⁺21, XCS05]. **set-to-set** [GP98]. **set-up** [XCS05]. **sets** [BE97, EAKT90, JON08, LC02, ME92a, ME93b, ME93a]. **Several** [AFK01, But92, CLA14]. **SGD** [MA22]. **SGPM** [WH22]. **SHA** [BBDN21]. **SHA-256** [BBDN21]. **SHA3** [FLYL16]. **shadows** [ISH03]. **Shafer** [WH93]. **shallow**

[PAF⁺97, SSL19]. **shallow-water** [SSL19].
Shape
 [DPSW00, HKSK97, ML00, MJ94, TKG97].
Shape-optimized [DPSW00]. **shaped**
 [LHR⁺19, PMAL14, YR18]. **Sharded**
 [LNLK13]. **sharding** [LNLK13]. **shared**
 [APPG15, ATA⁺16, AFD13, ADMV05,
 Bai88, BC04, BM01b, BD89b, Bro88b, BS96,
 BMG07, BFR93, CSH⁺11, CG89b, DM02,
 ECG93, FHMS93, FM88, GSE⁺15, Ger98,
 GK92, GHH⁺03, GB14, GL97, HCT16, Jor86,
 KW90, Kan93, KK03, KK11, KJA15, KV99,
 KKŽ05, KZV97, LSL14, Lan99, LFS14,
 LSL02, LF00, MAB17, MMTU18, Mat95,
 MSSC10, MBK12, OILZ17, PLY02, PK05,
 PRV87, Phi91, RGDM15, SG02a, SB94b,
 SSOB03, SPMB23, VA14, WC94, WY11,
 WE91b, WE92, Wri91, YXQ⁺21, ZE92].
shared- [LF00]. **shared-data** [ATA⁺16].
shared-memory
 [BC04, BMG07, CG89b, ECG93, GB14,
 GL97, KK11, LSL14, PK05, SB94b].
sharing [AFJG06, DGBP05, Fig06,
 PRS⁺14, SCL⁺23, YX07]. **sharper** [GT90].
shear [PCA01, SL03]. **shear-warp** [SL03].
sheared [FB19]. **shells** [CEM⁺99, Wan09].
Shift [Mak94b, ALH⁺14, MM95, SNO99].
shift-invert [ALH⁺14]. **Shift-net** [Mak94b].
shooting [Gol88, KH92, Kie94]. **shop**
 [ABR03, MMT06]. **Short**
 [Bek95a, BD95, CC95, Cho92, CNK93, De 95,
 GE92, HC92a, KH95, KK92, KC93b, Oed92,
 SSY02, SW91, VP95, ZK92, ZL94, FCZY17,
 GVH08, HE88, KS87, KAD09, ZGG92].
short-range [GVH08]. **short-vector**
 [KAD09]. **shortest**
 [AÖ22, CCS87, EHE92, GS04, GT90, HTB01,
 LNS03, LSY⁺24, PB94, Trä95, TF01].
shortest-path [AÖ22]. **shower** [MB88].
shrinking [RS92]. **shuffle** [CS89a].
shuffle-exchange [CS89a]. **SI**
 [AMN16, VBC19]. **side** [MBC97, TDC19].
side-effects [MBC97]. **sided**
 [ACH⁺18, DPFT19, RVGG01, YCBD19].
sides [CLA14, KMB⁺18, Ter10, WP19].
SIEMENS [EHHS89]. **SIFT** [CYDJ21].
signal [FFLV96]. **signaling** [MZ04].
signatures [PW87]. **silent** [CHR18].
Silicon [LHZ⁺20, LHZ⁺22].
Silicon-Crystal [LHZ⁺22]. **SilkRoad**
 [PWY03]. **Sim** [LC17]. **SIMD**
 [BE89, BDK96, CC95, Chr98, DEGS95,
 DJH05, GK92, HXW⁺13, JK91, JCL92,
 Kas85, KCN99, KAD09, Li91, MD88, MP95,
 MW94, SSL03, WZ90, ZRPI89, ZBG88].
SIMD/MIMD [Kas85]. **SimGrid**
 [KdBMA⁺13]. **similarity**
 [BG21a, BG21b, JNWJ18, MC09, NH11].
Simple [BGV97, LLP00, Lau93, RBL97,
 BC19b, IB01, JH97, SS89b, Y⁺99, GP86].
simplex [MM00]. **simplicity** [San02].
Simplified [Rob00, CK90, GO88].
SIMULA [PM89]. **simulate**
 [EGTD99, PBTC89]. **simulated**
 [AC89, BL93a, DW00, JK91, LR16, MG95,
 OWW16, WWR05]. **Simulating**
 [TO91, ZLPF16, MSOCG⁺16]. **Simulation**
 [CCCP92, DS03, DS92, HSR⁺14, Lan90,
 WLK97, Amm89, ACC⁺88, AMMV98,
 ADR⁺05, BBK90, BM01a, BJP⁺89, BDK06,
 BG98, CE94, CYXL18, CFC99, CDK⁺03,
 CW97, CIG⁺21, CT88, CLZ01, CQ01,
 CCP⁺21, DRJSW97, DG95b, DBVS01,
 DF98, DLPS92, DAG⁺09, ED04, FLPG18,
 FMS⁺06, FC05, GJMMS97, GPLW17,
 GAW96, HM01, HGS10, KD97, KHN01,
 LLPV06, LG01, LFS⁺19, LHZ⁺20, Lin93,
 LXD⁺23, Luc01, MD88, Mic90, MB88, NR01,
 OL86, OCE⁺07, OCSBY01, PM89, PZE94,
 POHS14, PCC19, PJW⁺22, RBB17, SSLK00,
 SWW99, SAWH88, SM91, SML⁺14, SP93,
 STKA96, TKG97, TS99, TB07, TCT00,
 TBM⁺16b, WNES01, WS04, ZLM98, Zha95].
simulation-generated [DLPS92].
Simulations [BKL⁺19, WHL19, AAV08,
 BKS19, Bis84, BT01, BBL⁺19, CLL99,
 CFD⁺16, DTV21, DWM⁺01, DDF⁺10,
 EZ99, FHK⁺15, GCC19, GKS98, GVH08,

Gup99, HZY⁺19, HBC19, KT00, Koh95, LLP00, LVC16, LBWR90, LYC⁺19, LS93, LK10, MSMC15b, MZ04, MO99, OAJ⁺16, ORS90, Par87a, PCA01, Pea19, SHvAP13, SKE⁺22, Sch92, SR97, VLSPL19, XLY⁺20, XRW⁺19, YR18, Yaş01, WH15]. **simulator** [ADE84, KdBMA⁺13, LKP24, MW94, TTT⁺92, CFN03, HUYK04, IUY⁺04, Nak05, Sat04, SZ04, YS04]. **simultaneous** [DW00, ED91, Kat01]. **Single** [HMS⁺07, CCS87, DGNP88, HT92, Trä95, THMH21]. **single-channel** [HT92]. **single-program-multiple-data** [DGNP88]. **single-source** [Trä95]. **singular** [Bis89, KS91a, KN09, Lan99, TRSC⁺19]. **SISC** [RGT17]. **situ** [OAJ⁺16]. **Six** [BKL⁺19]. **Size** [DZ90, ADFQ019, CAS09, CS95, CHLS90, CTW14, CMP92, DDP90b, DCD97, HSR⁺14, Lin91a, MW91, ZRPI89, ZS21]. **size-optimal** [CMP92]. **skeletal** [Col04, GV06]. **skeleton** [CMV⁺06, CV02]. **skeleton-based** [CV02]. **Skeletons** [SG02b, BCB02, Col04, DA06, DMT06, DLdS06, FSCL06, GS06, HHOMR06, MHT06]. **Skew** [FTY⁺20, PMV⁺20]. **skew-symmetric** [PMV⁺20]. **skewed** [BF95]. **skewing** [LX00]. **skews** [BD18]. **skid** [RH13]. **SKIE** [BDPV99]. **SKIPPER** [SG02b]. **SKYHI** [JKH95]. **Skylake** [BKS19, BKL⁺19, HZY⁺19, LYC⁺19, WHL19, CLC⁺18, LCE⁺18, LLX⁺18, SWR⁺18]. **slackers** [ORM⁺10]. **slave** [HP05, JMLBL98, PRV08, dSS09]. **SLEPc** [DR18]. **slicing** [LOST16, BBC⁺11]. **Slow** [Dod90]. **small** [JHD⁺22, MAH⁺19]. **smart** [OA08]. **Smith** [JW09, NW96, Ste13]. **SMO** [MA22]. **smoothing** [AA24, PS89b]. **SMP** [Hat06, JKHK08, PB11, RDS13, SSOB03]. **SMPs** [ADPV03, NU05]. **SMPs** [MRBQO14]. **SNAIL** [MSS⁺05, Y⁺99]. **SNAIL-2** [MSS⁺05]. **socket** [Gro19]. **Sodan** [Hol11]. **soft** [EMB89, ISH03, MF16, TYSF13, XXQ⁺15]. **soft-systolic** [EMB89]. **Software** [BVC16, BVC19, PS20, RH13, SYP13, YS04, BPP10, BNK15, CCGG14, CD98, CCG⁺17, CBV13, CWDG07, ES06, FGP23, GAA⁺13, Gut88, HH89, HA05, JH97, KYS23, KKHY06b, KRW88, KKH04, LSL02, Nag90, NMMG13, NE01, Oya99, PSS01, PK05, R⁺00, SP94, SKG02, SVC19, STT94, WPD01, tV96]. **solid** [KH97, XCR17]. **Solution** [Cap88, FBMV88, Wri90, ADF93, Ala95, ABMQO11, AAHF97, AGLP06, ADGS10, ABB⁺11, AIIV98, BD89a, Bas94, BEK⁺11, Bev89, Bon91, CL02, CW97, CL05, CV17, DWL⁺12, DvdV99, DR03, EB88, ER89, Eva92, EW93, EY94, GKT⁺15, GS89, Gao87, GHC04, Gur88, HJ97b, HHJP16, JP94, Kie94, KPS90, KKB93, LRH97, LLP00, LSS88, McB88a, Mel87, Mel88, MLM⁺00, MS90, PRS⁺14, PMV⁺20, Pir93, Pis92, RS08, RP85, RSSS94, RO88, Sch87, SE98, Sun97a, THK14, VL05, Wag89, WCM⁺14, XKL⁺22, van87a]. **solutions** [CWB92, Far96, Lan96b, MNP93, MGSK87, PFTB15, RS88, Sab97, SHH⁺97, SM90]. **solve** [ACM20, BGMT00, KR10, LQ92, RG92, TSCS14, WP19]. **solved** [LMH08]. **solver** [AJ95, ABB⁺16, ADPV03, ADTV01, AIIV98, Bjø87, BB21, Bru91, CLL99, CTZ⁺18, CLA14, CPR⁺18, CCP⁺21, CDJ08, DE09, DR95, DF00, EL95, FKM⁺22, FA11, GYH94, GV01, GW95, GG10, GZ99, GPSK09, GLU03, HS90, HRR02, HJ97c, HGLR07, IHM⁺12, KMB⁺18, KYLH01, LSL14, LLW⁺24, LC90, LPMD01, NP05, Not95, PCA01, Pet97, PS06, PHD16, PMLT03, PEO16, Rea90, RBMO20, SS88, SZS22, TW19, TSJB00, THM⁺95, VKS⁺15, ZZ03, di 97]. **solvers** [ADLL03, AGD⁺17, ARB94, ARB95, BBK90, BLT⁺22, BT88, Cv98, DR18, DS84, DS05, EB98, FHMS93, GS22, GHP10, HKL01, HJ97a, HEB96, KS16, KA96, LPNJR96, LV92, MS03b, MS04b, MS91, MSV15, Nak05, OKTR13, PGW16, RRS88, RBM⁺16, SG16,

SBO⁺91, ŠDJ⁺22, Vaj84, ZM94]. **Solving** [BBQOQ00, Bol86, BGB10, CSEK03, CMM⁺88a, DZ90, DJ87, GR89, GMW96, Gro87, HSS07, KR00, KŠR04a, KŠR04b, LLPV06, LPH00, PG91, Reu88, SL90a, SW03, Won88, APRP97, BBB⁺14, BG91b, BE93b, BWW89, BGM03, CW06, CB97, CKLM14, DM03, EM87, ED91, FF21, Fie96, HM89a, HK91, Jou89, KS89, KL90a, Koç97, LT09, Lop93, LNA06, MWH95, MQ89, ME90c, Mei85, MP11, Mil01, MHH97, MOF04, Nag88, PW89, PMV⁺20, RR89, RM97, Rot95, SN88, SZ02, SE93, SM88, Stp93, Ter10, Ter13, TRSHB04, WB88]. **SOM** [HKS97]. **Some** [BK97, Hir86, LTV96, LR89, MR86, Par87a, Tro94, BP97, Bro89, BM90, Car88a, DS84, DSS86, DNL15, KH95, Laf02, MRJ89, NBB⁺02, RS87, Sýk84, TSJB00, Wei91, Zla88, ZKCL04]. **SOME-Bus** [ZKCL04]. **sonar** [GMF00]. **Sophie** [MC04]. **SOR** [BFM90, CKLM14, DWX⁺12, Eva84, Gen87, Kam87, Mei86]. **sort** [CKS03, EY86, MP87]. **sort-first** [CKS03]. **sorted** [SC95]. **sorters** [Hor91]. **Sorting** [CJBK93, AS86, Car88a, Eva90, GK19, HK90a, HK90b, LLS⁺93, LL90, LS92, MRT93, MRJ89, Qui88, RS87, SPCB22, Uml94, WE92, ZM96]. **sorting-merging** [Eva90]. **source** [CCS87, RGBC11, Trä95]. **sources** [TB03]. **SP2** [GYL00, XH96]. **Space** [BBC⁺11, BCMSW04, CFMM97, DE09, Dec00, DHS89, EM85, FWL03, Fig06, GZ99, GPSK09, KHHC20, MHE19, MS20, PEO16, SSOB03, Sur10, Kon11, NZHY11]. **space-filling** [GZ99]. **space-sharing** [Fig06]. **spaces** [Xue96]. **Spacetime** [BR90]. **Spacetime-minimal** [BR90]. **spacetimes** [WVHR16]. **Spanning** [FA96, BHK89, BDK96, DDP90b, DY91, HWW92, LS97, ME84, TY91b, Tou02, YTCW07]. **Spark** [FTY⁺20, SLG⁺22, Yaş01, CCP⁺21, XZYQ21]. **spark-ignited** [Yaş01]. **Sparse** [AHBD18, BVWH14, DS13, DD87, Pet91, ASA16, Ala95, ABMQO11, ADPV03, ADLL03, AMP92, BRS97, BPS01, BF06, Bjø87, BETR17, BB21, BJV⁺16, CGG01, CCL04, CPR⁺18, CDJ08, DEGS95, DTR18, DS05, EL16, EK98, FG89, GMW96, GP90, GCH21, GLN89, GW95, GR01, GS22, GH90, HRR02, HCR01, JP94, KB20, KD10, KKB93, LB23, LKHL03, LLW⁺24, LC99a, Liu86, Liu89, LV15, MM00, Mar14, Mat95, Mel88, MP02, MNP93, MS90, NMAB19, ORM⁺10, OHZ98, Pet84, Pin91, RR89, RP85, RSD16, RZ95, Rot95, RR16, SSSG03, SA16, SZ02, SPMB23, SGP22, Sun97a, THK14, VFG12, WP88, Wag89, WE94, WOV⁺09, XKL⁺22, YL19, YB11, ZE92, ZJD⁺23, ZG88, SLC⁺16]. **sparse-grid** [EK98]. **Spatial** [AFT23, NSF⁺22, FSKF06, PM03, WA03]. **Spatial-** [NSF⁺22]. **Spatial-aware** [AFT23]. **SPEC** [Dix91]. **Special** [AMN16, AAGS18, Ano22m, ASSS11, AGKS15, AGKS16, BH14, BVC16, BC19a, BDG⁺10, BOG15, CP17, CP18, CBV13, CT94, GHH18, GT19, HG17, KST02, MSS19, NGM19, PS20, RST11, RC17, SYP13, TBM16a, TH20, TFV16, Ano18k, BVC19, DF95b, DR03, KVV97b, RC14, SAGV21]. **specialized** [BDNP11]. **specific** [MPZS13]. **specification** [GO88, HK98, KKHY06b, LOST16]. **specifications** [RW89]. **specified** [CLZ01]. **Specifying** [BGK⁺98, DD89]. **SPECT** [MDC⁺08]. **Spectral** [LSF⁺15, ALH⁺14, BK94, Bas94, Car88b, Cha99, DWM⁺01, FKM⁺22, FR95, GGFF93, GPSK09, Kru97, MWI⁺15, NP05, VR95]. **spectral/finite** [MWI⁺15]. **spectral/hp** [GPSK09]. **speculation** [FCZY17, NB12, RGT17]. **Speculative** [LV15, GRP22, NB12]. **Speed** [ARB94, ARB95, DWB99, DW00, FKK⁺06, GJMMS97, Hee97]. **Speed-up** [ARB94, ARB95, Hee97]. **Speedup** [OIK21, FLW86, HOSS91, Jan87, NHS⁺95, YR18, Zub90, ZGG92]. **speedups** [CRT89, Fis91]. **sphere** [KPH97, SSL19].

spherical [CEM⁺99]. **Sphynx** [ABGR21]. **SPIKE** [MP11, PS06, SML⁺14]. **spiking** [PMS⁺13, PJW⁺22]. **SpiNNaker** [NFG⁺13, NLP⁺15]. **Splicing** [GRP22]. **spline** [BZ96]. **Split** [EAR93, AHBLR12, SCCP08, WBS06]. **split-and-merge** [AHBLR12]. **split-step** [SCCP08]. **SPMD** [Has01, MCP⁺14, PRR03, SV97]. **SpMV** [AAS20]. **spots** [AB93]. **spray** [NC02]. **SQL** [HM02]. **square** [CUSR88, MR85, TT00]. **square-roots** [MR85]. **squares** [KCN99, LWS02, MS90, NP05, OHZ98, PGW16, Str08, Sun97a, YK08, Zhu93, ZG16]. **squaring** [EL91]. **SR8000** [Tak03]. **SS** [IS18, RSSS94]. **SS-CAA** [IS18]. **SSOR** [Lip99a]. **Stability** [Ron84, Yal97, Gao87, YE94]. **Stabilized** [DS05]. **stack** [UN87]. **stage** [BGMT00, GTD18, KK11, Zho93]. **stages** [NAC⁺14, SRS⁺19]. **staging** [KA19]. **stamping** [DPFT19]. **Standard** [Sne88, ML20, Wal94a, Wal94b, GLDS96]. **staples** [Hio96]. **star** [AQ93, AED21, CWC00, Fu07, LS98, Mis98, SS95]. **StarFish** [FMB98]. **starvation** [Ann89]. **State** [LR88, Mic97, SWR⁺18, LRH97, SKH⁺12, XCR17]. **State-of-the-art** [LR88, SKH⁺12]. **State/NCAR** [Mic97]. **statement** [BPK12]. **statements** [HvNJB12, LC02]. **states** [GWWM09, NHS⁺95]. **Static** [BRRV11, BDRV99, CHQORS18b, SS94a, CSR05, Gir02, HAK⁺21, KY98, MJ95, MFS⁺19, NMI⁺24, YEC97]. **stationary** [Beb97]. **Statistical** [DLPS92, CTW14]. **statistics** [FL21, POHS14]. **status** [DDdSL02, MVZ98, Pei88]. **steady** [LRH97]. **stealing** [LNLK13, YMY⁺19]. **Steiner** [DUG⁺06]. **stencil** [KD13, PVK⁺22, XXQ⁺15]. **stencil-based** [XXQ⁺15]. **stencils** [GGL21]. **step** [BSE88, BKS06, CG89a, CS96, CGMM99, Don05, SCCP08, WE97]. **stepping** [Sur10, WBD99b, WBD99a]. **steps** [ALTZ02, Mar92, Müh90]. **stiff** [DF00]. **stiffness** [Kra84]. **Stochastic** [Güs99, BP93, BP95, BGMT00, BG07, Blo03, Dod89, LMH08, MA22, NZ97, OK22, SHPA05, TLC⁺21, ZCPT00]. **Stokes** [AIIV98, Bas94, DLR94, FKM⁺22, GV01, LSS88, OJ90, PATC99, PCA01, VvBv90]. **Storage** [AGL08, NDW⁺19, AAS20, BAB⁺02, Bjø87, BWT⁺08, Che98b, DBZ⁺19, DCD97, DWH⁺08, FG89, FMB98, GKS07, LF98, LFS14, LCLA19, LWJ⁺17, ND95, ONOK13, PCN10, RGGP⁺18, SC03, SDv98, WL13b, XYT⁺24, XLS⁺17, ZJDW18, DWH⁺08]. **store** [ZP16]. **storing** [KS91a]. **straggler** [TDC19]. **straggler-aware** [TDC19]. **stragglers** [YHL⁺24]. **Straightforward** [GGNY11, Thu91]. **strategem** [CUSR88]. **Strategies** [CT88, FLS⁺21, Ran97, AFK01, BRRV11, BG07, BCG00, BLCR21a, BLCR21b, DW99, Fer97, FMD98, Gin99, GV08, KM89, KHHC20, Lan96b, LLP00, LDK16, Lil94, LGD⁺15, LBGO23, Loh96, LK10, MSK14, PHD16, PP98, Ran00, SMP11]. **strategy** [AC94a, Buz86, DF00, HW94, KJA05, LZCT15, ML00, MMT07, MX07, NC02, PTGF20, PCA01, PCL23, SOH94, Thu90]. **Stratix** [LLVM21b, LLVM21a]. **stream** [ACMT20, BCRSR11, JSC97, KA19, LGMdRA⁺19, LBH07]. **stream-processing** [BCRSR11]. **Streaming** [FTY⁺20, ACMT20, HMS⁺07, PGGP19, SDMS12, TB22]. **streams** [CS97b]. **stride** [YE94]. **strides** [EY94]. **string** [GE93]. **strings** [CR23, IR00]. **striped** [Mel88]. **striping** [TF98, XYT⁺24]. **strong** [FC05, MWI⁺15, Sch91a]. **strongly** [CCS⁺18, GG10, KKW14]. **structural** [Bjø87, CMPM⁺15, LR99, LVC16]. **Structure** [THK14, ABB⁺11, BF92, Ber00, BCC⁺97b, GMMT16, GEvGCP09, GM04a, GM04b, LSA⁺95, MP95, N⁺00, PIG⁺16, RWT97, SKE⁺22, XDZL10, da 90].

Structure-adaptive [THK14]. **structure-based** [SKE⁺22]. **Structured** [DEGS95, WW90, BN01, CKRZ98, CTZ⁺18, CV02, DAD11, EJLC00, HAK⁺21, IJCL96, PMLT03, Ran00, RBMO20, SW03, WE94]. **structures** [ATT92, Bro86, Hag91, Han85, LH02, NZ92, TLS⁺08, WE91b]. **Structuring** [Jor86]. **Student** [CLC⁺18, HG17, MBB⁺18, NGM19, SWR⁺18, TSSL17, DSSD18, HH17, WBN⁺17, AGV⁺17, BKS19, BKL⁺19, BBL⁺19, FYH⁺18, HZY⁺19, LCE⁺18, LLX⁺18, LYC⁺19, LHL18, WHL19]. **studies** [Cal85, GGFF93, TTT⁺92, WLK97]. **Study** [PK05, PGAA16, ANG⁺20, AMMV98, AGK98, BGG⁺99, Ber00, BF06, CDM06, Chr98, CEM⁺99, CLZ01, GCC19, GHW08, GW08, GH98, GLD08, Kas84, LSL14, LyHW⁺22, Lef97, LCD91, LBWR90, LF88, MMT06, MAM⁺09, MST94, MOF04, NAC⁺14, N⁺00, RSRM96, RSK99, SEAH⁺08, SB94a, SSLK00, SWYM17, SH88, Sod02, SS94b, TCT00, TO89, Wal01, WLK⁺18, YM05, ZY16]. **studying** [TLS⁺08]. **Sub** [DM04, ES88]. **sub-implicit** [ES88]. **Subcube** [AC94b, CS97a, CGQ93, GF03, KSP97]. **subcube-grid** [CGQ93]. **subcube-ring** [CS97a]. **subcubes** [EAR93]. **subdomain** [KS01, PHD16]. **subdomains** [mMvdV01]. **subgraphs** [FA96]. **subject** [MS99b, Ver99]. **submatrix** [CG92]. **suboptimal** [CKM93]. **subprograms** [LN87]. **subroutine** [DZG94]. **subsequence** [Lin94, TNZM20, TTO⁺22]. **subset** [GK03]. **subspace** [LR99, de 96]. **substitution** [CS89b]. **substitutions** [LC89]. **substrate** [AFY⁺16]. **substring** [TNZM20, TTO⁺22]. **substring-exclusion** [TNZM20]. **subsystem** [BMG07]. **subtasking** [HS89]. **subtasks** [SSS⁺05]. **subtraction** [ST95]. **subword** [DCDV98]. **Successive** [EL90, CKM94, EMB89, PJ84]. **Sufficient** [ÜD89]. **suffix** [ABGC⁺14, KS07, ZGL⁺19]. **suitable** [Blo03, LG09, MAS06, PJV00]. **suite** [DFRR91, GSE⁺15, LXC⁺18, MKL⁺01, PB23, TG09]. **sum** [HA14, LV15, TDW03, Wen95]. **Sumatra** [BKS19, BKL⁺19, BBL⁺19, HZY⁺19, LYC⁺19, WHL19]. **Summary** [Kau94, FL21]. **summation** [HSS09, LHG⁺23]. **Summer** [KB08]. **Summit** [BC19b]. **sums** [Obe85]. **SUNDIALS** [BGWR21]. **Sunway** [JCC⁺24, LLW⁺24, LHZ⁺22, ZHC⁺23]. **super** [MTV08, NHS⁺95, SOS97]. **super-** [SOS97]. **super-/hypersonic** [SOS97]. **super-linear** [NHS⁺95]. **super-peer** [MTV08]. **SUPERB** [ZBG88, ZBC94]. **supercell** [OWW16]. **supercomputer** [BJV⁺16, CYXL18, CDC⁺87, DK01, Emm84, Erc88, Gil88, Gil94b, Gil94a, GL97, GAW96, JCC⁺24, SL90a, Wat87]. **Supercomputers** [Duf84, BS00a, BWV⁺17, BLCR21a, BLCR21b, DZM⁺13, EHHS89, Gra91, HL88, Hoc91, Hos88, MRSB94, Oya99, RD07, SH91, TKI85, TRLD13, WLCG02, ZEC⁺17]. **Supercomputing** [PB98, YK87, BH92]. **Supercomputing-based** [PB98]. **superconductivity** [KSM⁺94]. **supercore** [vWWM⁺19]. **supercube** [LH02]. **Superlinear** [FLW86, YR18, Fis91, Jan87]. **Supernodal** [Ng93]. **supernodes** [HRR08a]. **superscalar** [SC92]. **supersonic** [JJAP⁺20]. **Support** [CCL04, SYP13, ADK22, AART13, BPJ22, DLR94, Evr01, FAS02, HT00, JMA⁺13, KKHY06b, KT99, MCB16, MSE19, MA22, PTK04, SBP12, VJ11, ZZ03, ZPAT99]. **Supporting** [FSG19, DF98, FK98, SK97b, TDW03, LK00]. **supremum** [SB92b]. **SUPRENUM** [Ano88a, Ale91, Ale94, Gil88, Gil94a, Gut88, Hem94, Kam88, KK92, KM88, LH88, McB94b, McB94c, MST94, PSS94, Pei88, Sch88b, SAWH88, ST88, Tro94]. **SUPRENUM-like** [Ale91]. **surface**

[C⁺01b, DVP90]. **surfaces** [DG15]. **surfactants** [STKA96]. **surgery** [GBH98]. **Survey** [GLP98, FGP23, Ghe85, HJB⁺21, HMH⁺13, LJD93, TKC⁺14, WXL⁺18]. **sustainable** [TRLD13]. **SVD** [BOV02, BO03, BOVG10, BTLK18, GTD18, LLD19, NSS15, OV06]. **SVM** [MA22]. **SVM-SMO-SGD** [MA22]. **SW26010** [LXC⁺18]. **SWAMP** [Ste13]. **Swarm** [VK17, HF20, LW11, SYAU07, SSN04]. **swarm-based** [SSN04]. **swarms** [HF20]. **Swift** [WHW⁺11]. **switch** [CB17, Kol94, LWW⁺21, Qua92, WWL⁺22]. **switched** [Sha06]. **switches** [Jes88]. **switching** [Ann89]. **SX** [TSEE21, Wat87]. **SX-Aurora** [TSEE21]. **SYCL** [LG21]. **Symbolic** [GHNL87, GH90, JCE96, Kan93, KKB92, Ng93, ZG88]. **symmetric** [ABB⁺11, AHW14, BBB⁺14, BW92, BC04, Eva92, GR01, Gut88, Hat06, HRR02, JLY18, Kal90, Kal92, KG87, KD10, LWS02, LQ92, MRW⁺08, ML23, Mar14, Nat90, PMV⁺20, Pet84, PB11, Pin91, RS08, SK19, SMK20, SZS22, THM⁺95, WC90, ZVWS88]. **symmetric-multiprocessor** [Hat06]. **Symmetry** [LJD93, DL97, NTHY22]. **Symposium** [Ano16k, Emm84]. **Sync** [MGCB⁺10]. **Sync/Async** [MGCB⁺10]. **synch** [BLT⁺22]. **Synchronised** [FM88]. **Synchronization** [ATT89, FJS85, Gre89, Hoc89, Axe86, BRWL09, BMG07, FK98, GV14, GEvGCP09, GF13, HKW13, HvNJB12, LL98, Nic95, YMG14, YLW⁺13]. **synchronized** [Y⁺99]. **synchronizing** [CWDG07]. **Synchronous** [CZ91, BC91, Bol86, EHE92, Kan97, KS99, LY93, MT89, SRS⁺19, WWL⁺22, YHL⁺24]. **Synergy** [HM89b]. **syntax** [Num05]. **Synthesis** [CC91, CMP92, DTV21, GM89, FF21, HA97, Lin91b, MS00, WE97, da 90]. **Synthesizing** [RF90]. **synthetic** [FFLV96]. **System** [Eck90, Oed92, PS20, ADK22, AAB⁺16, AALK01, AC03, A⁺01a, AGO97, AE93, BCGS93, BF95, BS97, BV96, Bis89, BDSd94, BJP⁺89, Bon91, BOS⁺09, Bri95, BL94b, BGL01, CDDG93, CD98, Cv98, Che98a, CS89c, CW06, CDV08, DBZ⁺19, DPFT19, DS84, Eva92, DST15, FLYL16, FBMV88, FK94, FMB98, GW95, GHS02, GSC⁺22, HUYK04, HKSK97, HCH⁺96, Hoc89, IM88, JH97, JLLC22, JBWE14, Jou89, KMB⁺18, KRW88, KRN⁺11, KL90a, KLN90, KTN⁺14, Kol94, KKB93, KAM⁺20, Lef97, LBWR90, LC90, LBH07, mM94, MP92, MCC04, MTV08, MAS06, MSSC10, MST94, MK97, MTPE90, NL91, NS02, NK97, PK05, PGK⁺18, Pir96, Pis92, PS06, PGG11, SKN04, SXBD97, SBM⁺98, Sch88b, SC03, SSL03, SSS⁺09, ST88, Str87, SE98, SGDM94, TMCC02, Ter10, UAR⁺99, VKH99, WC94, WYT⁺16, Wat87]. **system** [WB97, WS04, YXQ⁺21, YS04, ZM94, ZWJ⁺19, de 87, AL93b, CJLS14, GHH⁺03, NMW93]. **system-level** [BS97]. **System/6000** [AL93b, NMW93]. **Systematic** [MS00, ANG⁺20, Kot97, LEH14, ZLJ93]. **Systemic** [TCS04, RBS10]. **Systems** [BVC16, BVC19, HKK97b, KB08, PS20, PTS⁺12, RC17, SA18, ASA16, ABGR21, AGH⁺94, AAB⁺16, AAV08, AAO13, ACMT20, Ale94, ABMQO11, AGLP06, AB95, ATL⁺12, AART13, AB93, ASH92, AE93, BBB⁺14, BG91b, Bak00, BBB⁺94, BPEL05, BEY00, BMS01a, BGWW97, BZ96, BAR98, BHR09, BGP⁺97, BNS⁺07, BSD11, BP90, BDH95, BJSN04, Bro89, Bru91, CE94, CCGG14, CS00, CPdM⁺97, CGMS94, CG93, CLC08, CTZ⁺18, CL02, CBV13, CTW14, CLA14, CPR⁺18, CS87, CSH⁺11, CFW⁺22, CS96, CB97, CBP⁺07, CC99a, CGM⁺92, CV17, CN98, CMM⁺88a, CTT89, CDH⁺03, CRSS99, CGM05, DY91, DRJSW97, DIR97, Don05, DJ87, DNL15, DG94, DvdV99, Eis89, ESV10, EO91, ECLV12, ESK88, EB88, EW93, EY94, Fie96, FGP23, FHKZ88, GP85, GKT⁺15, GR89, GMW96, GJMMS97, GGH⁺22, GF03, GH90]. **systems**

[GAA⁺13, GV08, GYL00, GG10, GPPS99, GLS99, Hag91, HJ05, HS90, HKK97a, HRR02, Her88, HMH⁺13, IKK15, JAA06, JJM⁺11, JOL⁺21, JIC96, JP94, KS89, Kas85, KD97, KKH04, KLP11, KJA15, Kha12, KBG⁺01, Koç97, KG03, KM88, KR00, KCN99, Kot97, KM89, KPS90, LLPV06, Li89, LT09, LDK16, LLD19, LSL02, LCLA19, Lin01, Liu98, LT19, LZCT15, LPAZ97, LQ92, LMKH97, MD04, MS03a, MKS91, MRW⁺08, MHE19, Mak94b, MT89, MMO07, Meh93, Mei85, MT00, Mel87, Mel88, MP11, MAB⁺21, MNP93, Mis87, MK12, MOF04, ME92c, MGT⁺13, MGSK87, NMMG13, OS21, OR88, PGGP19, Pap98, PG91, PY00, PLY02, PW89, PCN10, PP98, QJ06, Qua92, RRS88, RR89, RS08, Rea90, RP85, Reu88, RCAP11, RMACG10, RT88, RO88, Rot95, RBP⁺17, SEAH⁺08, SSSG03, SS02].

systems [SBP12, SAOKZ06, SG02a, Sch87, SS94a, She93, SZ02, SZS22, SVC19, SSD01, SPMB23, Slo91, SE93, SBM⁺22, Ste90, Stp93, Sýk84, Tak06, TDC19, TYLL22, Ter13, TDW⁺04, TDB10, THK14, TE92, TJ97, VL05, VA14, Wag89, WB88, WE93, WE94, WLK97, WL13b, WWZ⁺18, Wei97, WHW91, WP19, Yal97, YX07, YMG14, YLW⁺13, YSBM97, YK87, ZSI02, ZYZ⁺16, vWWM⁺19, van87a, van87b].

Systolic [AS86, AU88, CTT89, DZ90, DLPS92, EMB89, EM90, EA95, KC93a, KKSS90, KS91b, Li90, ME90a, ME92a, ME90c, MBC92, MS89, MKC92, SMK91, SK91, TGE92, BE87, Bek95a, BR89, BR90, CS89a, DVP90, DS93, DQRR00, EM86, EM87, Eva89, Eva92, EG94b, FF92, GM89, GE93, Hor91, HHH92, Jou89, Kat86, KLS⁺88, LT94, LS90, Lin90, Lin91a, Lin94, Lip99b, LPPS01, LT90, MO89, Mar95, ME90b, Meg90b, ME92b, MF16, Möl99, MRSB94, PS89b, RF90, Ris90, SS89b, SS91a, SS91b, SM87, Tor91, TH89, TL90, UN87, Ume89, WE93, WE94, ZLJ93, ZM88b].

T [KSM⁺94, Pop88, TM90, VFG12].

T-RACK [TM90]. **T-Series** [Pop88]. **T20** [CFH89]. **T3D** [CC96a, HEB96, WLN⁺96, XH96]. **T3E** [GYL00, ZCPT00]. **table** [CDA⁺16]. **tables** [BRS⁺08, DM90, EM87, QP16]. **taboo** [Tai91]. **tabu** [BGM03, CGGG03, GLS01, PKR00, THG98, ACGL04]. **TaihuLight** [LHZ⁺20, LHZ⁺22, ZHC⁺23]. **Talbot** [dGR95]. **tangent** [CARW91]. **Tank** [SH90]. **TaPIA** [TFV16]. **target** [GTW⁺20, HKW13]. **Targeting** [BC19b, TLC23, ZG16]. **targets** [VBS⁺15].

Task [BFH23, BTZ06, Cal85, GBH98, GHM97, LKHL03, SZS22, APBcF16, ARCH05, ABB⁺16, ADEQO19, Ara03, BBL⁺16, BKS06, BM11, BDM99, BR99, BÁJG⁺20, CHR18, CGHBS18, CBP⁺07, CGH⁺19, CIO⁺17, DT96, EB93, GRP22, GV08, GV06, GF13, HJ05, JDH96, KKT00, KK03, Kd88, KY98, KS05, LX00, Liu86, LWW⁺21, LZ00, MKS91, Man01b, Mar92, MRBQO14, NAC⁺14, NJ02, OS21, PW22, PKR00, RRP03, RMS⁺18b, ROZ01, STP⁺19, SS94a, SLG⁺22, SLH⁺13b, TSL17, VB95, WZS⁺14, WvR16, WS94, ZLT19, RHWF23].

task-based [BÁJG⁺20, CGH⁺19, RMS⁺18b, STP⁺19, ZLT19]. **task-graphs** [LZ00]. **task-level** [GRP22]. **Task-oriented** [GBH98]. **Task-parallel** [SZS22, APBcF16]. **task-parallelism** [MRBQO14]. **task-transfer** [EB93]. **task-uncoordinated** [WvR16]. **task/data** [ADEQO19]. **task/data-parallel** [ADEQO19]. **Taskgraph** [Hur93]. **tasking** [MSW91, VLSPL19]. **TaskInsight** [CGHBS18]. **Tasks** [RR14, ABMT99, ARR19, Aub11, BDF⁺00, BHR09, BDSd94, DC15, DRST03, Fig06, MT90, Moo04, QJ06, SSN04, TS88, TYLL22, VB92, Ver99, YZB⁺23, RR16, dSS09]. **TAU** [RMS⁺18a]. **Tausch** [SBM⁺22]. **Taxonomy** [Kut85, Wor91]. **TC** [SM13]. **TC/SL**

[SM13]. **TCASM** [OILZ17]. **TDDFT** [JCC⁺24]. **Team** [BKS19, HZY⁺19, WHL19, BKL⁺19, BBL⁺19, CLC⁺18, CGOP03, LLX⁺18, LYC⁺19, LHL18, MBB⁺18, DLO17, DSSD18, FYH⁺18, LCE⁺18, SWR⁺18]. **Technical** [DSSD18]. **technique** [AAHF97, BZ96, CCS94, CHLO85, Glo95a, HOSS91, MFGEL17, Sil88, TB03, TE92]. **Techniques** [Lee95, AAS13, AFPG12, Ano99b, AATK10, AGK98, CDRV97, DR95, DBVS01, DW99, FGP23, FBG⁺12, GLP98, GPPS99, GÜS99, JSC97, KCRB98, KBGZ88, Loh96, Lop93, MAH⁺19, MSW98, Pet91, PHCR05, Psa02, RE98, RH12, RH13, SWW99, SZ02, TKC⁺14, YS96, YTCS97, CAA98]. **Technological** [LHL18, WHL19]. **technologies** [BOV09, CDK⁺03, LNA06, VRGÁ15]. **Technology** [BKS19, BFG⁺07, BRS⁺17, IU87, TLS⁺08]. **telecommunication** [BJSN04]. **tempering** [LMG09]. **templates** [PUSS97, TPK⁺14]. **Temporal** [TF01, YLT⁺23]. **tenancy** [ZP16]. **tenant** [MCY⁺24]. **Tensor** [HBC19, GZH⁺23, JHD⁺22, K KU16, KKSS90, KS91b, Num05, SPK18]. **Tensor-optimized** [HBC19]. **tera** [Xu07]. **tera-scalable** [Xu07]. **teraflop** [HC05]. **Teraflops** [Maw99]. **TERM** [OTI⁺89]. **Termination** [GGL99, DIR97, SB96, Son92, TDW03]. **terms** [OKF16]. **Tersoff** [CLC⁺18, DSSD18, FYH⁺18, LCE⁺18, LLX⁺18, LHL18, MBB⁺18, SWR⁺18]. **tertiary** [Che98b, FMB98]. **tessellations** [JDG02, WTLW23]. **Test** [LEH14, TG09, AKNS91, BCGS93, CC98, CC00a, CC01, CCW01, DFRR91, HISS92]. **testbed** [TYKA95, WH97]. **Testing** [SMC03, MLG⁺24, OKSY92, ZSI02]. **Tests** [MSE93]. **tetrahedral** [Glo95a, OBG00]. **Texas** [SWR⁺18]. **text** [ABGC⁺14, PW87]. **their** [BRH90, CL92, GCC19, Gil94b, GÜS99, JDG02]. **theorem** [CF91, FC18]. **theoretic** [BM08, HWYL89]. **Theoretical** [BA95, BMS01a]. **theory** [BP89, Gup99, Hio96, LPH00, M⁺00, PTGF20, WYBdJ⁺21, GAW96, TFV16]. **Thermal** [SWCBQ19, FB19, HSS07, ZCT⁺20]. **Thermal-constrained** [SWCBQ19]. **ThermoBench** [ZCT⁺20]. **thin** [TOO20]. **thinning** [HW91, HS89, NOS92]. **third** [WLN⁺96]. **third-party** [WLN⁺96]. **Thread** [CAC⁺09, GT07, LLL10, MCP⁺14, AKB⁺19, ABMQO11, CDA⁺16, DCN⁺15, GCH21, HCT16, IDS16, MAJD17, RGT17, VJ11]. **thread-adaptive** [GCH21]. **Thread-based** [CAC⁺09, AKB⁺19]. **thread-level** [ABMQO11, RGT17]. **Thread-safety** [GT07]. **threaded** [CSB00, KKH04, MP11]. **threading** [BFG⁺07, FWL03]. **threads** [LSL02]. **Three** [Ram07, ABMT99, Bas94, BP86, DG99, DDF⁺10, FB19, GHW08, GICM18, GGL21, HL88, JWS13, LPCA98, LS92, MSA09, OJ90, PSW18, SBO⁺91, WBS06]. **three-** [LPCA98]. **three-dimensional** [Bas94, BP86, DG99, DDF⁺10, GGL21, JWS13, MSA09, OJ90, PSW18, SBO⁺91, WBS06]. **three-point** [GICM18]. **threshold** [TDG⁺18]. **throughput** [GK19, KA19, MC09, MHL06, PGG11, TPK⁺14, VCK⁺11, ZLPF16]. **thunderstorm** [OWW16]. **Tianhe** [CYXL18]. **Tianhe-2** [CYXL18]. **Tight** [TYLL22]. **tightly** [Eva90, Qui88, WE91b]. **tile** [RRP03]. **tiled** [BLKD09, CKS03, LBH07, SZS22, TX00]. **tiling** [BDRV99, DWX⁺12, GDAK06, XC02]. **Time** [BCS15, MPZS13, XC02, AGB97, BSE88, BGWR21, BO91, BE93a, Beb97, BW01, BP95, BCCS07, BFH23, BDH95, BG98, CLS93, CCGG14, CDV08, CCRR91, Cor99,

CCH⁺21, DLR94, DR95, DPFT19, DWB99, Don05, DLPS92, DST15, GE11, GLS01, GMF00, HJ05, HSR⁺14, HT00, HK92b, IHM⁺12, Joh93, Kim98, KI05, KPL⁺12, LK00, LT19, MF16, NA03, NSF⁺22, OSZ93, QJ06, Ram07, RRP03, RSK99, Rau98, RHM⁺88, SM13, SSL19, SWCBQ19, SR17, SC05, SMW⁺05, Sur10, TKK⁺05, TYLL22, TDW⁺04, Ume89, Ume01, Wan08, Wan09, WBD99b, WBD99a, WL14, WH91, Wri90, YXQ⁺21, YZB⁺23, vWWM⁺19, CQ01]. **time-** [NSF⁺22]. **time-consuming** [DST15]. **time-dependent** [RSK99, SMW⁺05]. **Time-domain** [BCS15, Ram07]. **time-harmonic** [IHM⁺12]. **Time-minimal** [XC02]. **time-optimal** [BE93a]. **time-optimum** [Ume89]. **time-parallel** [HK92b]. **time-stamping** [DPFT19]. **time-stepping** [Sur10, WBD99b, WBD99a]. **time-to-live** [TKK⁺05]. **time-varying** [BCCS07]. **times** [RvG05, SSS99]. **timestamp** [BRWL09]. **Timing** [Car88a, GKAS91, MRJ89, RS87]. **TMC** [SNS⁺97]. **today** [Pan01]. **Toeplitz** [BE93b, CLA14, EY94, GKAS91, KL90a, LPNJR96, Pis92]. **tokamak** [TTT⁺92]. **token** [HT98]. **Tokyo** [FC05]. **tolerance** [HXCZ14, ME89, NFG⁺13, SHCS86, SC05, Tou02]. **tolerant** [ASDOK01, BHR09, CC02a, Cho92, FBD01, Far96, Fu03, Fu07, GAR15, GLP98, GP98, Hsi06, HG12, KL00, KH97, LW11, Loh96, LH04b, MLX07, PY00, QJ06, SS01, SR17, SW00, XCS05, Yua94, ZL04]. **Tolerating** [CS97a, Far94]. **tomographic** [BBB19, RW98, TAB⁺19]. **tomography** [LPCA98, MRW⁺08, MF16, M6l99, WH91, ZLM98]. **tool** [BDH95, Bra88, CSB00, CP08, EJLC97, FDTZ04, GWWM09, JBC⁺04, JJAP⁺20, Kre13, Lin91b, RMS⁺18a, RVD10, SV97, ZBG88]. **Tools** [AGK98, BDS88, Jou97, KNP97, Ano13i, AKP⁺98, BCC⁺97a, BCC⁺97b, CBV13, DT97, EHR⁺98, EO91, HKK97a, IJCL96, KBGZ88, LMJC96, MVdLvN16, OGC⁺15, Pan01, Pel97, RGdS⁺13, SLH⁺18]. **toolset** [DRJSW97]. **top** [CGH⁺19, Lef97]. **TOP500** [DZM⁺13]. **Topics** [CP17]. **Topological** [EBSS94, MAB17]. **topologies** [BP97, Gro19, GDMS97, GHM97, KS05, PMAL14, PCLM18]. **Topology** [da 90, Fie96, GJMM18, Gor97, RIB10, YXQ⁺21]. **topology-aware** [YXQ⁺21]. **tori** [LOKM99, MSA09]. **tornado** [OWW16]. **toroidal** [CMP92]. **torso** [SHRN98]. **torus** [DT95, FA96, Hen93, HT98, KTN⁺14, LD99, QCC02, RD07, Shi01, SH01, KJ07]. **torus-wrap** [Hen93]. **total** [RBM⁺16]. **Touchstone** [Pir96, HC92a]. **Trace** [MK12, BDH95, ED04, FLPG18, Lin93, YS96]. **trace-based** [FLPG18]. **trace-driven** [Lin93]. **traces** [BRWL09]. **Tracing** [GCC19, AATK10, DGBP05, Lee97, MK12, RJ97, SGS95, SSV⁺16, YEC97]. **track** [CGGG03, OWW16]. **tracking** [CARW91, CDV08, TB03]. **TracSim** [ZLPF16]. **trade** [DW99]. **trade-off** [DW99]. **Tradeoffs** [MB88]. **Trading** [DW00, OCPT97]. **traffic** [CW97, CLZ01, NS94, PJW⁺22, SAOKM01, SP97, WNES01, WL98]. **training** [EPMPU02, Han98, HT94, QWD⁺21a, QWD⁺21b, ZZ03]. **Trajectory** [GRP22]. **Traleika** [CCG⁺17]. **transaction** [RC15, WLK97, WH22]. **Transactional** [DR15, HL13, PGAA16, RC15]. **transactions** [WLZ⁺23]. **transcoding** [Bar12]. **transfer** [A⁺02, EB93, PGG11]. **transform** [ALTZ02, BFG⁺07, Cha99, CC95, DZG94, FF92, HJ97b, Hol95, LHK⁺96, Wan09, vCd90, AFS14, AW13, CT94]. **transformation** [ER95a, ER95b, MCG98, RW89, SCD92, TH89, Wil85, YS96]. **Transformations** [CFMM97, Xue96, BBC⁺11, CMPM⁺15, DQRR00, Dow90, EG92b, GDAK06, Hot89, Xue94, Xue97]. **Transformed** [DZ90]. **transforming**

[Psa02]. **Transforms**
 [AV15, BAK09, Cha88, FIMF99, Heg96].
TRANSIMS [NR01]. **translation**
 [HCL05, XCR17]. **translator** [GScFM13].
transmission [CWK09]. **Transparent**
 [HXCZ14, CZTS99, GHS02, LFL11, SKG02].
transport
 [ARW93, BSH88, BLFT84, FHL87, HWB92,
 Mv88, Oli96, PFS⁺04, TS21, Zla88].
transportation [FG01, HTB01]. **transpose**
 [CDW95, WBS06]. **transposed** [Mar14].
Transposing [Dow95]. **Transposition**
 [VB95, MP87]. **Transputer**
 [ARZ97, ACC⁺88, BG91b, BP90, BGL⁺88,
 CDDG93, CCCP92, CJBK93, CMM⁺88b,
 Dod89, EC91, HP91, Kal90, Kal92, LBWR90,
 LS92, MP92, MRSB94, SS90, TY91a, WB88,
 Wel89, WH91, WH93, SOS97].
Transputer-based
 [ARZ97, CDDG93, CCCP92, MP92].
Transputers [Jes88, ARB94, ARB95,
 Bur90, DY91, MP87, WC91]. **TransTOOL**
 [BCC⁺97a]. **transversal** [TGE92]. **trapped**
 [ZLPF16]. **travel** [SSS99]. **travel-times**
 [SSS99]. **traveling** [Gur88, JK91, Bur04].
travelling [AC89]. **traversal** [DCR⁺16].
traversals [CL92, KB85]. **traversed** [CF04].
Treatment [Zla88, LP92]. **Tree**
 [HAK⁺21, AJ95, ACM⁺15, BV04, BDK96,
 Cho92, DY91, DL06, EHE92, EMV⁺18,
 FHL87, Ger04, GMS04, GH92, GK04,
 HKSK97, HK02a, HWW92, HSN89, KB85,
 KKB92, LS97, LH02, NMARD10, PYZC11,
 SST09, SGS95, WTLW23, ZGL⁺19].
tree-like [NMARD10].
tree-projection-based [GK04]. **trees**
 [AND05, BHK89, Bar97, BL99, FHJ⁺84,
 GE11, GLG06, ME84, MHT06, Mun99,
 OA91, QP16, ST02, TY91b, Tou02, TT00,
 YTCW07]. **Trends** [IU87, YD07, BEY00,
 DvdV99, SDMS05, SGDM94, YDTS01].
trendsetter [Gil88]. **tri** [VP94]. **tri-** [VP94].
Triangular [LT90, Cv98, Fie96, KS16,
 KKB93, LLW⁺24, ML20, ME89, NM01,
 RO88, RG92, Rot95, THK14].
triangularisation [Meg90b].
triangularizations [DR02]. **Triangulating**
 [DG15]. **triangulation**
 [AU88, KKZ05, NR20]. **tricks** [LK14].
tridiagonal [AJ95, AB95, BW92, BE93b,
 BWW89, Bon91, Bru91, DR18, EY94, HS90,
 Kal90, KL90a, KPS90, LC90, Lin01, LPAZ97,
 LQ92, MWH95, Meh93, MS91, PB11, Pis92,
 RS08, Rea90, Reu88, SE93, SE98, Ter10,
 Ter13, TND10, THM⁺95, VKS⁺15, VL05,
 WB88, van87a, van87b]. **tridiagonalization**
 [CUSR88]. **trigger** [LTG23]. **triggered**
 [IZS⁺20]. **Triplet** [LSY⁺24]. **Triplet-Based**
 [LSY⁺24]. **trivial** [NAC⁺14]. **truncated**
 [SML⁺14]. **truncating** [Ram07]. **Tsinghua**
 [HZY⁺19, LLX⁺18]. **TSUBASA** [TSEE21].
Tsukuba [NNB⁺99]. **Tsunamigenic**
 [BKS19, BKL⁺19, BBL⁺19, HZY⁺19,
 WHL19, LYC⁺19]. **Tukey** [JK92]. **tuned**
 [CCGG14, CGG04]. **Tuning** [NZHY11,
 POHS14, TTH09, CMSL06, CSB00, DR15,
 JHSV02, KKH06b, KKH06a, Kra84,
 LDK16, SWYM17, VFG12]. **tunneling**
 [GdCCS03]. **turbulence**
 [CIG⁺21, MWI⁺15, MRRP11, RKMJ10].
turbulent [CEM⁺99, Xu07]. **Turing**
 [Wor97]. **turn** [FK98]. **turning** [IMQO⁺18].
Two [ACH⁺18, AIIV98, BP86, DDP90b,
 EM85, FCC16, Kon11, Mei86, SST09, SG02a,
 Tro00, WVHR16, WC90, YB11, Zho93,
 AL93b, ADLL03, BKS06, BE87, BGMT00,
 Che08, CL05, CWB92, CFH89, Eva91,
 GTD18, Gir02, God00, GMS04, GLS99,
 HAJK01, JCC⁺24, KR97, Kak88, KW90,
 KK11, KY94, Li91, LND⁺19, LC97, MM96a,
 MKL⁺01, ML00, MSP93, MCM01, NR20,
 QCC02, RSK99, SSY10, SNK06, SZ02,
 Sim91, SE87, Stp93, TW19, Trä95, XLS⁺17].
Two- [BP86]. **Two-constraint** [Kon11].
Two-dimensional
 [AIIV98, Tro00, YB11, AL93b, BE87, KR97,
 MM96a, MCM01, QCC02, RSK99, Sim91].
two-factor [God00]. **two-layered** [Kak88].

Two-level [FCC16, SG02a, LND⁺19, ML00, NR20, SNK06, TW19, XLS⁺17]. **two-list** [Che08, LC97, SSY10]. **two-pass** [Gir02, KY94]. **Two-sided** [ACH⁺18]. **Two-stage** [Zho93, BGMT00, KK11]. **two-step** [BKS06]. **Two-tree** [SST09]. **type** [ML20, Slo91, Tak06, WLYJ13]. **types** [BDNP11, Li91].

U.S.A. [Hoc85a]. **Ultracomputer** [Bis84]. **ultrascale** [DBI⁺17]. **ultrasonic** [GGFF93]. **ultrasound** [BMYK98, WH91]. **unbalanced** [Par91]. **unbounded** [LH02]. **uncertainties** [LMKH97]. **uncertainty** [MLM⁺00, PŚ00]. **unconstrained** [CLS93]. **uncoordinated** [WvR16]. **underrelaxation** [EL90]. **Understanding** [SLH⁺18, AAB⁺16]. **underutilized** [XYT⁺24]. **undirected** [HHH92, SS89b]. **Unicast** [Miš98]. **Unicast-based** [Miš98]. **unifications** [VK92]. **Unified** [GSC⁺22, LPAZ97, ATA⁺16, CLJ14, GGA19]. **unified-parallel-C** [ATA⁺16]. **Uniform** [Deá90, BDSd94, CC97a, DR94, VP95, Ver99]. **uniformly** [MSE07, Trä12]. **unifying** [AC94b, Lin01, SBM⁺98]. **Unimodular** [Xue97, Dow90, Xue94]. **uniqueness** [Rao97]. **unit** [CARW91, DOD23, Kam88]. **unite** [WP19]. **units** [HSS09, Sur10, Wor97]. **unity** [Par86, FLW87]. **univariate** [OW97]. **universal** [She92]. **University** [BKS19, BJVOR03, BKL⁺19, DSSD18, HZY⁺19, LCE⁺18, SWR⁺18, WHL19, BBL⁺19, FYH⁺18, LLX⁺18, LHL18, MBB⁺18, NNB⁺99, SWR⁺18]. **UNIX** [Sch88a, DY91]. **unknown** [KSS06]. **unrecoverable** [BRRV11]. **unreliable** [GRBA15]. **unsaturated** [FMS⁺06]. **unsteady** [DL04, GV01, KT97, KYLH01, TW19]. **Unstructured** [AFJG06, AKK16, BCCS07, BGR00, CGG01, CFN03, DR95, DL04, GK17, HJ97c, HB94, LLW⁺24, LWJ⁺17, MGT⁺13, NC02, NP05, SHH⁺97].

unsymmetric [CS96, CV17, EY94, GD90, YWP11]. **untransposed** [Mar14]. **up-** [BHM⁺95]. **update** [DT95]. **updates** [Ree07]. **Updating** [Ste94, AD14, GLG06, Kon02]. **Uphill** [DOD23]. **upload** [CJLS14]. **upper** [BDK95, TND10]. **upper-Hessenberg** [BDK95]. **URV** [Ste94]. **USA** [Ano22m, GT19]. **usage** [FL21, IZS⁺20, PJW⁺22]. **Use** [EL95, GSZ88, PW87, BAB⁺02, DCDV98, GHS02, MK97, SB94a, TKI85]. **used** [PBTC89]. **User** [BBB⁺94, CLZ01, LMJC96, SH91, SKG02, TLC23, vv91]. **user-friendliness** [TLC23]. **user-specified** [CLZ01]. **users** [HJB⁺21]. **uses** [Cha99].

Using [ATA⁺16, CLS⁺16, CD98, EK98, GHP10, Gro19, HJS23, KEEF01, KT00, LFS⁺19, MHE19, MBK12, Nag88, ORM⁺10, PFS⁺04, SBP12, TDG⁺18, YTCS97, ZM94, ZCBD22, ATT89, AALK01, ASDOK01, ALD01, ACM20, ABGC⁺14, ARR19, AED21, ASH92, AIV95, AIIV98, AMMV98, AW13, BSH88, BSE88, BM08, BN01, Bar97, BE87, BCA08, BG21a, BG21b, BCB02, BBQOQ00, BG07, BOS⁺09, BDK06, BCC⁺97a, BCC⁺97b, B⁺00, BGL⁺88, BPC21a, BPC21b, BJV⁺16, BMG07, But92, CZTS99, CLL99, CUSR88, CCS94, Cv98, CS97a, CW06, CDGM96, CKLM14, CWDG07, DG95a, DS13, DFRC94, DWX⁺12, DM04, DCN⁺15, DZLK20, DM90, Dow90, EM86, EM88, EM90, EB93, EB94, FGBN19, FKK⁺06, FHL87, cFM07, GKS07, GMW96, GE11, GRP22, GTD18, GK03, GD90, GPLW17, GMMT16, Gol86, GM07, GM04a, HSR⁺14, HSS09, HW02]. **using** [Hen93, HCR01, HM01, HK90b, HWL⁺22, Hur93, IJM⁺05, IS18, IB01, IZS⁺20, IHM⁺12, JHSV02, JKHK08, JJM⁺11, KK11, KY98, Kha12, KCN99, KS91b, KK94, KD13, LGC97, LL88, Lan96b, LKHL03, LPNV20, LG01, LPH00, LHZ⁺20, LR16, LF00, LF88,

LNA06, MRBQO14, MSMC15a, MC09, MHH97, MMM13, MSW91, MMP+21, MA22, Nak05, NTHY22, NYFK06, NR20, NU05, OIH10, PSS01, Par87b, PVK+22, PTK04, PVP08, PRW88, PTS+12, Rag97, RvG05, RJ97, Ron84, RBS10, RR16, SYAU07, SNS+97, SHvAP13, SSN+21, SGS95, SSS99, SLH+18, Sil88, SSGF00, SBM+22, SA18, Str08, TTH95, TAB+19, VGS14, Wal01, WCKM11, WAT20, Wel89, WC90, WH91, WH93, XDZL10, XCS05, XLS+17, XZYQ21, YS96, YA24, YEC97, ZLJ93, ZG16]. **Utah** [LCE+18]. **Utility** [MKK+19, CL05]. **Utility-based** [MKK+19, CL05]. **utilization** [CB17, CT88, Han85, Pea19, SYY+22]. **utilize** [KLP11]. **utilizing** [BETR17].

V100 [MBB+18, SWR+18]. **VAIL** [ZWJ+19]. **validation** [BHB21]. **valuations** [Ger04]. **value** [Bis89, Gol88, HM89c, HK91, KH92, Kie91, Kie94, KS91a, KN09, KAM+20, Lan99, Lop93, MPJ03, PG93, Pir93, Pir96, TRSC+19]. **value-oriented** [KAM+20]. **valuing** [LM00]. **variabilities** [LMKH97]. **variability** [JAH+18]. **Variable** [ADFQO19, AIIV98, BO03, Evr01, KLL+09, LC89, ZGG92]. **Variable-size** [ADFQO19]. **variables** [RH12]. **variant** [EL91, Gen87, Li97, NSS15, Zer90, ZK92]. **variants** [Mei86]. **variation** [CGHBS18]. **variational** [Ran97, TL96]. **VARMAX** [ÖS94]. **varying** [BCCS07]. **VAX** [KW90]. **VBARMS** [CLS+16]. **Vector** [Ano87, Ano88b, CC01, DS13, GH89, GMMT16, Hos88, Ort88, Riz85, AB02, Amm89, AMP92, AL88, BE89, BWW89, Bis89, Bjø87, Bro87, Bro88a, CK90, CARW91, CF91, CDC+87, CT88, CMT96, CMM+88a, DEGS95, Dow95, ETV91, FG89, FP98, GR89, GF89, Gen84, GSZ88, GR01, GL97, HH89, HCR01, Her88, Hot89, HB84, IM88, JNWX18, Kam88, Kan93, Kas84, KD97, Kie91, KD10, KAD09, LB23, LPNJR96, Lec89, Lin91a,

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