A Bibliography of Publications about *PVM (Parallel Virtual Machine)* and *MPI (Message Passing Interface)*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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Title word cross-reference

+ [BDV03, Cha02, HDB+13, Lee12]. 0 [ICC02]. 1 [ICC02, LRQ01, VDL+15]. **$19.95** [Ano95b]. 2 [Bha98, BAS13, CGU12, ES11, KRKS11, KO14, WMRR17, WRMR19]. **$24.95** [Ano95c]. **$27.50** [Ano96a]. 3 [And98, BCL00, BAS13, CP15, DYN+06, EFR+05, GCN+13, HF14a, HF14b, JR10, KO14, KD13, KHS01, KLR16, MSZG17, NSM12, SSS99, SC19, SH14, TPD15, WR01, YSL+12]. **$35** [Ano00a, Ano00b]. **$35.00** [Ano99a, Ano99c, Ano99b, Ano99d]. 3*D* [KA13]. **$60** [Ano00a, Ano00b]. ^{3} [PBC+01]. A [ARYT17]. α [JMdVG+17]. $Ax = b$ [BG95]. D [UZC+12]. H^2/H^∞ [GWC95]. hp [BCM+16]. k [She95, TK16]. $\leftrightarrow$ [GRW+19]. M^3 [JSH+05]. **PVM**$^+$ [Wil94]. N [IHM05, Per99, Rol08b, SP99, SRK+12]. P_N [OGM+19]. P_{N-2} [OGM+19]. SU(3) [BW12]. t [MPZ21]. τ [RGDM15, RGDML16]. XY [KO14].

***** [MMAH20].

-based [Rót19]. **-body** [IHM05, Per99, SP99, SRK+12]. **-D** [DYN+06, SSS99, SH14, Bha98, ES11, KHS01, NSM12]. **-Dimensional** [LRQ01]. **-Lop** [RGDM15, RGDML16]. **-Means** [TK16]. **-Queens** [Rol08b]. **-set** [She95]. **-SNE** [MPZ21]. **-stable** [JMdVG+17].

. [Wil94].

/Fortran [TBG+02]. **/many** [KSG13].

[AGS97, BS01, DGG+12, RFRH96, SPNB14]. **alloy** [TG94]. **AllReduce** [NWT21]. **ALM** [PZ12]. **almost** [LFW20]. **alpha** [WLYL20]. **Altera** [RGB+18, TK16]. **Alternative** [EM94, SWHP05, Trä12a, EKTB99]. **ALWAN** [HB96a, HB96b, MSB97]. **Amazon** [ZLZ+11]. **AMBER** [SL95]. **AMBER4** [VM95]. **American** [Ara95]. **AMIP** [Gat95]. **Among** [CB16]. **AMPI** [ZHK06]. **AMPIC** [CCHW03]. **amplified** [EZBA16]. **AMR** [NLRH07, TK19]. **AMRVAC** [KTXP21, TK19]. **AN2** [HBT95]. **analogue** [WWZ+96]. **analyses** [ANS95]. **Analysis** [BHW+17, BR02, BGG+02, BBC+00, BDL98, CGLD01, CLA+19, DFP+19, EML00, FK01, FJK+17, Hol12, JF95, KL94, KNT02, KRG13, LCK11, MK17, MCLD01, NAW+96, NMS+14, Ost94, PZ12, PGAB+05, SPL+12, SBR95, SGL+20, SN01, TFGM02, WYH+21, Whi04, WM01, BB93, BBDH14, BBH+15, Che99, DSGS17, EPP+17, GR95, GFB+14, GSM+00, GKS+11, GE95, GE96, GT07, JB96, JLG05, LC07, LLG12, LRLG19, LL16, LBH12, MMB+94, MMW96, MLA+14, MJPB16, Pat93, PHJM11, PSV19, PGAB+07, RTN21, SdSCP13, iSYS12, SS94, SDJ17, SPH95, Shi94, Sil96, SWL+01, SSG95, TMC09, TW12, TFZZ12, Uhl95a, Uhl95c, VM94, YCL14]. **analytic** [THDS19]. **analytical** [BAE22, BHW+12, HK09, JS13, KN17]. **analytics** [MMAH20]. **Analyzer** [JJPL17, KKM15]. **Analyzers** [Ano01a]. **Analyzing** [BRU05, DF17, FM09, HG12, HcF05, PFG97, RPS19, MH21]. **anasslich** [Ano94c]. **Anatomy** [KWEF18]. **Andrew** [Ano99c, Ano99d]. **animal** [LM99]. **anisotropic** [LBB+16, SSB+16, YSVM+16]. **'Annai** [CEF+95]. **Annapolis** [IEE96c]. **annealing** [WHMO19, FH97]. **Annecy** [VW92]. **Anniversary** [Ano92, Ano93f]. **annotated** [GGH99]. **Annotation** [MGA+17]. **announcement** [WRMR19]. **Announcements** [Ano98]. **Annual** [ACM95b, Ano93b, Ano94h, IEE95b, USE00, Van95, Y+93, ACM95a, Eng00, IEE94e, IEE95l]. **Ant** [ITT02]. **ante** [Ano03]. **antenna** [DSOF11]. **Anthony** [Ano95c, Ano00b]. **Antonio** [Ano95d, IEE95g, IEE97c]. **Any** [Gro02a, Mar07]. **AP** [PBC+01, SMTW96]. **AP/Linux** [SMTW96]. **AP1000** [SH96, IM94, SWJ95]. **AP3000** [TD99]. **Apache** [GRW+19]. **API** [DM98, KQT+21, LPD+11]. **APIs** [WCS+13]. **APOLLO** [Sta95b]. **APOLLO-II** [Sta95b]. **Appendix** [Ano01a]. **Appendixes** [Ano01a]. **APPL** [AB93b, AB93a]. **Application** [AKE00, BSN95, BGdS09, BS07, BFM97, BBH+15, Cha02, CRGM14, DFMD94, FDG97a, FDG97b, FSC+11, GB98, HT08, IADB19, JFY00, JCH+08, KNT02, LD01, LMRG14, Mal01, MTSS94, MBB+12, NSLV16, NS16, PSSS01, Riz17, SBF+04, ST02a, SCL97, UTY02, WYZ+19, YNJS21, ZZ04, ABC+00, ADMV05, ADR+05, BBB+22, BvdB94, BFLL99, BL97, BBC+99, BMPS03, CBYG18, CRM14, CRGM16, DS22, EPML99, FMFM15, GVF+18, GWVP+14, HTJ+16, HZ96, KME09, LSG12, LFS+19, LCMG17, LBB+19, MMW96, MM03, MLA+14, MvWL+10, NMW93, RBAI17, Rol08b, SM12, SCJH19, SSS99, SFSV13, SL00, TCP15, Wor96, ZZZ+15, CG99a, PGPCK21]. **application-centric** [SFSV13]. **Application-Level** [CRGM14, LMRG14, SBF+04, SCL97, BMPS03, CRM14, CRGM16, LCMG17, LBB+19]. **Applications** [APJ+16, AGS97, Ano89, Ano96c, AZG17, BCLN97, Ben18, BHV12, BBH+06, BRU05, BFMT96b, BFBW01, CGS15, CBL10, CGLD01, CBB+20, CBB+21, Cha05, CTBT21, CJNW95, CRGM14, Cot98, CTK00, Cot04, Cza02, Cza03, DW02, DLM+17, DERC01, DHK97, DGF97, DDN+22, DGMJ93, EV01, EML00,

Trä12b, UTY02, Ano03, BKML95, DWM12, DH95, DHS96, MKP22, Mül03, MvWL+10, PHJM11, PSH+20, Reu01, RST02, Wor96, YSWY14]. **Benchmarking** [GC05, HCA16, LCY96, MMU99, MCS00, WRA02, RST02]. **Benchmarks** [CRE99, KS96, KAC02, MM07, NA01, RK01, TSB02, TSB03, WAS95b, ZSnH01, CDD+96, MKP22, MMH99, Ste94, WT11, CE00, WT12]. **Beneficial** [CB00]. **benefit** [SBG+12]. **Benefits** [LB16, PSM+14, SIRP17]. **Benutzerprofile** [Wil94]. **Benutzertreffens** [Ano94c]. **Beowulf** [CMM03, Ste00, UP01]. **Beowulf-Class** [Ste00]. **Berlin** [PW95]. **Bessel** [KT10]. **best** [GT19]. **Betriebssystemkern** [Sei99]. **Better** [Str94, RS21]. **Between** [AAB+17, BS07, ASS+17, AKE00, BID95, GFV99, JAT97, LDCZ97, MSP93, WK20]. **Beverly** [IEE93f]. **Beyond** [Gei93a, GKPS97, Gei98, Gro12, LBB+21, Olu14, Gei93b, LSG12, Sch93, SC19, SHM+10]. **Biconjugate** [GFPG12]. **bidirectional** [HE15]. **Big** [CLOL18, GTS+15, LK14, VPS17, ASS+17, Str94]. **Biharmonic** [RB01]. **Bill** [Ano99c, Ano99d]. **billion** [KTJT03]. **Billions** [MRB17]. **binary** [CG93, EPP+17, SGS95, TCBV10]. **binary-level** [EPP+17]. **binary-splitting** [TCBV10]. **Binding** [CLL03, Coo95b, MG97, Coo95a]. **Bindings** [Ano98, VGRS16]. **Bioinformatics** [BBH12]. **Biological** [CNM11, VBB18, BA06]. **Biology** [SYL19]. **Biomolecular** [BCGL97, PZKK02]. **BIP** [CDP99, Tou00]. **BIP-Myrinet** [Tou00]. **BIP/Myrinet** [CDP99]. **bit** [HLO+16, Wil93]. **bit-parallel** [HLO+16]. **bitonic** [PSHL11]. **Bitsliced** [HMKG19]. **Black** [FSXZ14, Kha13, van93]. **BLACS** [DSW96, DS96a, Wal95]. **blame** [DSGS17]. **BLAS** [Add01, ARvW03, FMFM15]. **BLASTP** [HWW21, LSMW11]. **Blaze** [PWPD19]. **Blaze-Tasks** [PWPD19]. **Block** [ABG20, DDPR97, MYL21, SMM+16, SBB20, SSB21, WO95, ZB97, ADDR95, DR18, GP95, HKMCS94, HC08, LYIP19, WO96]. **Block-Based** [ABG20]. **Block-Cyclic** [DDPR97, WO95, HKMCS94, HC08, WO96]. **block-tridiagonal** [DR18]. **Blocking** [FH98, BCH+08, HKT+12, Nak03, HTA08, STP+19, TGKL19]. **Blood** [Pat93]. **Blue** [KMH+14, AAC+05, BGH+05, EFR+05, LM13, MV17, MSW+05]. **blurred** [Wil94]. **BMMC** [CC99]. **Boca** [Edd18]. **bodies** [AGIS94, LHLK10]. **Body** [RB01, RTRG+07, IHM05, NS16, Per99, SP99, SRK+12, ADB94]. **BOF** [Mat00a]. **Boltzmann** [OTK15, CGK+16, JCP+20, MS95, Pri14, STA20, SJK+17a, SJK+17b]. **bond** [THDS19]. **bond-order** [THDS19]. **Bonn** [MTWD06]. **Book** [Ano95b, Ano95c, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, Che10, Edd18, Mar06, Nag05, NMC95, Per97, SD13, Vog13, Vre04, YM97]. **books** [YM97, Nov95]. **Boost** [CVPS19]. **Boosting** [LRG14, SFO95]. **Bose** [KLM+19, MBA21]. **Boston** [IEE94e]. **Both** [BGD12, KP96, LSM+18]. **Bottleneck** [MWG97]. **bottlenecks** [DSG17, JKHK08]. **Boulevard** [ACM99]. **Bound** [ASA97, SGS+21, CLA+19, MBKM12, ADMV05]. **boundaries** [KGB+09]. **Boundary** [BS21, PTT94, STA20, SBQZ14, SP11, SD99]. **boundary-value** [SP11]. **Bounded** [CPKG17, MdSAS+18, PAdS+17]. **BowMapCL** [NTR16]. **Box** [JR13, JPP95]. **Box-counting** [JR13]. **brackets** [GSMK17]. **Braga** [IEE96g]. **brain** [VLSPL19]. **Branch** [ASA97, LW20, ADMV05]. **Branches** [SGS+21]. **Breaking** [OS97]. **breast** [Str94]. **Brest** [IEE94c]. **Bridge** [VDL+15]. **Bridges** [DSS00]. **Bridging** [ACM04, AAB+17, ASS+17]. **Bringing** [FKKC96]. **Brisbane** [ACDR94, Nar95]. **Bristol** [MC94]. **British** [IEE95a, IEE95e].

[ACM97b, ACM98b, ACM00, ACM01, ACM04, ACM06b, AJYH18, ACDR94, AIM97, BJ93, BBG+95, BDG+93a, BGR97a, BL95, BCP+97, BRST94, BDH+95, BDH+97, BHNW01, BBH12, CZ95a, CGB+10, CLL03, CLOL18, CNC10, Cze16, DDS+94, DERC01, DPP01, DKM+92, DGMS93, DT94, Edd18, FTVB00, Fer98b, FGKT97, Fos98, FS93, GLN+08, GS92, Gei93a, GBD+94, GSxx, Gei00, GN95, GL97a, GT94, Gua16, Hol12, HT01, IEE92, IEE93d, IEE93c, IEE94g, IEE95c, IEE95k, IEE95i, IEE96a, IEE96f, IFI95, KK02a, KS97, LCK11, LRG14, LC93, LR01, Lus00, dlFMBdlFM02, ME17, Mat16, Mat94, Mat95, MS04, Nov95, PKYW95, PR94b, PWPD19, SHTS01, SCSL12, Sin93, SSSS97, Ste00, SGS10, SW91, SGS+21, Sun90a, Sun90b, Sun92, Sun93, Sun94a, Ten95, VV95, VW92, WN10, YH96, YG96, ZL17, ZL18, ACGdT02, AMKM20]. **computing** [ARYT17, AL92, AH95, ASCS95, Ano93h, Ano94e, Ano94h, Ano03, ADDR95, AMV94, BPG94, BDG+92a, BDG+94, BBB+20, BKML95, Bru95, BHW+12, CZ95b, CZ96, CHKK15, DLRR99, DKD08, DKB20, DW94, D+95, DMW96, DE91, EKTB99, EJL92, FBD01a, FGRD01, FO94, FS95, Fer98a, FS98, FME+12, FHC+95, GGGC99, GS02, GS91a, GS93, Gei93b, Gei94, GH94, GkLyCY97, HP05, HW11, HH14, HPY+93, HS95a, HH95, mH12, IEE97a, IM95, JPOJ12, JY95, JJM+11, JPTE94, KO14, Kos95b, KSSS07, LV12, LH98, LCHS96, LHD+94, LHD+95, LM13, Maf94, MZK93, Mal95, Mar07, NRdA+20, PGS+13, PKB06, Pen95, PGK+10, PTT94, PBG+95, PNV01, PWD+12, RBS94, RJDH14, RRJ+20, Sch93, SGS95, SMS00, STT96, SBK21, Sti94, SP11, Sun94b, SGDM94, Sun95, Swa01, SD99, TJD09, TKP15, TDB00]. **computing** [Tho94, TSS98, VM94, Vis95, Was96, XJR21, YULMTS+17, YLC16, YSL+12, Zem94, ZWL13, ZGC94, ZHS99, ZKRA14, ACM98a, Kon00, PW95, Per96, SCR92, TGEM09, NMC95, Ano95b]. **Concept** [KaM10, LTR00, SB95]. **concern** [Ano94i]. **Concurrency** [ME17, NPS12, DGB+14, EBB+20, PTG13]. **Concurrent** [Ano89, BDG+91b, BRS92, BHV12, BKH+13, DG95, GS91b, GS92, GSxx, Gre94, HS93, SNN+20, SPB+17, Sun92, Sun93, ZDR01, BDG+92a, FS95, GS91a, GS93, LPD+11, NP12, RGDML16, RCG95, Sun94b, SGDM94, Wal94a, Wal94b, WK08a, WK08b, WK08c, ZWZ+95]. **condensates** [KLM+19, MBA21]. **condensed** [MC99]. **Condition** [GK10]. **Conditional** [JCP+20, SGS+21, CBS18]. **conditions** [STA20]. **Condor** [CF01, PL96]. **conduction** [iSYS12]. **Cone** [RCFS96, OIH10]. **Conference** [ACM90, ACM94, ACM96b, ACM96c, ACM97b, ACM98b, ACM04, Abr96, ATC94, AGH+95, Ano89, Ano93g, Ano94a, Ano94e, Ano94i, ACDR94, BBG+95, B+05, Boi97, Bos96, BFMR96, BH95, CGB+10, CH96, DSM94, DSZ94, DKD07, DKM+92, ERS95, ERS96, EJL92, FF95, Gat95, GN95, GT94, Ham95a, HAM95b, HS95a, HS94, Hol12, IEE92, IEE94f, IEE95b, IEE95a, IEE95e, IEE95i, IEE95l, IEE95j, IEE96a, IEE96d, IEE96h, IEE96i, IEE02, LCK11, LF+93a, MMH93, Nar95, OL05, PR94b, Ree96, R+92, SPE95, Sil96, SM07, Sin93, SW91, USE95, USE00, VW92, Vol93, WPH94, Y+93, YH96, ACM95a, ACM05, ACM06b, ANS95, Ano93b, Ano93c, Ano95a, BR95a, Bil95, BDLS96, DR94, Eng00, GH94, JPTE94, LCHS96, Mal95, PW95, RV00, Van95, ZL96, ACM94, Ano94g, IEE95b, KKDV03]. **Configurable** [IEE94d, MYK19, PKB+16, BB94]. **configurations** [PTL+16]. **conflict** [TCP15]. **conformational** [MK94]. **Congress** [CJNW95, GHH+93, PSB+94, BH95, dGJM94]. **Congressi** [GT94]. **Conjugate** [BG95, GFPG12, SSK+18,

KH12, LNK+15, ÓN12, SFSV13, YSWY14]. **CPVM** [CG96]. **Cracow** [BDW97]. **cranial** [NAJ99]. **CRANIUM** [MBES94]. **Crash** [LCVD94b]. **Crash-simulation** [LCVD94b]. **crashworthiness** [LCVD94a]. **Crawler** [Wal01a]. **Cray** [BL94, GRRM99, MP95, Sch96a, Sch96b, ABG+96, AZ95, AFST95, BBW19, CCSM97, LKJ03, LSK04, MWO95, Oed93, RBB97c, SWS+12, SCC95]. **CRAY-T3D** [Sch96a, Sch96b]. **CRAY-T3E** [Che99]. **CRC** [Edd18]. **Creation** [Hat98, MFC98, PS00a]. **Crew** [GHL97]. **CRI** [MSCW95]. **CRI-MAP** [MSCW95]. **Critical** [DSGS17, SLN+12, KSC+19, SDJ17]. **Critical-blame** [DSGS17]. **critical-path** [SDJ17]. **cross** [JR13]. **cross-platform** [JR13]. **Crossbar** [ZL17]. **CRState** [CZP21]. **cryptanalysis** [BSN95]. **Cryptographic** [PV97, ABDP15]. **cryptosystem** [WLC07]. **Crystals** [LHZ+20, lLLmH+21]. **CS** [FST98a, FST98b, Jon96]. **CS-2** [FST98a, FST98b]. **CS/2** [Jon96]. **CT** [DYN+06, NAJ99]. **CT-scans** [NAJ99]. **cube** [Pan95a]. **Cubes** [DERC01]. **CUDA** [DLLZ20, Pri14, AMuHK15, AMKM20, AAAA16, ACMZR11, AC17, Ano12, AFG21, ASB18, BHS18, BY12, BTC+17, BAG17, BSH15, BBH12, CAM12, CGU12, CNM11, CLYC16, CBM+08, CSV12, CFF19, CB11, Cza13, DCD+14, DSU20, DS13, DR18, DS22, DARG13, DLLZ19, DLV16, DWL+10, DWL+12, DM12, Edd18, EADT19, EPP+17, ER12, FJZ+14, Fer10, FMFM15, FFM11, FWS+17, Fuj08, GDC15, GScFM13, GLN+08, GÓ19, GML+16, GDEBC20, GFPG12, GWVP+14, GRTZ10, HE13, HJBB14, HVA+16, HLM+17, HD11, HLP10, HP11, HLP11, Hog13, HF14a, HF14b, HKOO11, HT08, HWW21, HLO+16, JRG21, JL18, JPL22, JK10, JC17, JLS+14, JFGRF12, KRKS11, KHBS19, KD12, KAMAMA17, Kha13, KS13, KC19, KSC+19, KKB+21, KF16, KVGH11, KME09, KO14, KH15, KD13, KA13, Lan09, LRG14, LGKQ10, LLG12]. **CUDA** [LSSZ15, LBH12, LSVMW08, LSMW11, LAD16, LBB+16, LYSS+16, LYIP19, LYZ13, MMO+16, MV20, MNYN21, MR12, Mat16, MSML10, MdSAS+18, MGL+17, MM14, MH21, NSLV16, NS20, NS16, NBGS08, OIH10, ORA12, OHG19, PGS+13, PRS+14, PGD18, PHJM11, PAdS+17, PGdCJ+18, PSHL11, PSH+20, PTMF18, PSV19, PRS16, RBW+20, RS22, RBAI17, Ros13, RTN21, SSE12, STA20, SK10, iSYS12, SDJ17, STK08, SS09, Seg10, SSLMW10, SKM15, SP11, Stp20, SR11, SJK+17a, SJK+17b, TNIB17, TVCB18, TS12b, TA14, TCP15, Tsu12, UZC+12, VLMPS+18, WGG+19, WG17, WJ12, WMRR17, WRMR19, WWFT11, WJB14, XXL13, YULMTS+17, YHL11, YZ14, YW21, YMYI11, ZJHS20, ZSK15, ZAFAM16, ZWLZ21, ZZG+14, ZBd12, ZLS+15, ZZZ+15, dlAMC11, dlAMCFN12, vdLJR11, Che10, SD13, Vog13]. **CUDA-Aware** [DS22, HVA+16]. **CUDA-Based** [DLLZ20, DLLZ19, ZJHS20, AAAA16, AFG21, WGG+19]. **CUDA-BLASTP** [LSMW11]. **CUDA-C** [YULMTS+17]. **CUDA-compatible** [LBH12]. **CUDA-Enabled** [LSMW11, SSLMW10, DS13, KHBS19, PSV19, SR11, ZLS+15]. **CUDA-JMI** [GDEBC20]. **CUDA-NP** [YZ14]. **CUDA-powered** [RTN21]. **CUDA-quicksort** [MMO+16]. **CUDA-sharing** [PRS+14]. **CUDA-streams** [TVCB18]. **CUDA-to-OpenCL** [GScFM13]. **CUDA/MPI** [LYSS+16]. **cudaBayesreg** [Fer10]. **CUDAEASY** [Sai10]. **CUDAlign** [SdM10, dOSMM+16]. **CUDAs** [KMM15]. **CUDA**^{TM} [SM12]. **culling** [LHLK10]. **CUMODP** [HLM+17]. **CUMULVS** [GKP97]. **cuPC** [ZJHS20]. **cuPentBatch** [GNP19]. **CURAND** [Ano12]. **CURD**

SHHI01, SL94b, Sch93, SFL+94, SSC96, SPL99, Smi93b, SD99, THDS19, TSP95, THM+94, Uhl95a, VM94, VB99, Vet02, Vis95, Wal94a, Wal94b, WPL95, Wan97, YLC16, YWO95, YX95, YPZC95, YZPC95, ZL96, ZGC94, ZHS99, Pet01]. **distributed-data** [FB97]. **Distributed-Memory** [CSW97, CC99, KN95, SSH08]. **distributed-shared** [ADMV05]. **Distributing** [AL92]. **Distribution** [HB96b, LHCW05, MJB15, NPP+00b, NPP+00c, NA01, SR96, AGG+95, CSW99, GS96, HB96a, JMdVG+17, KRC17, NPP+00a, RJMC93, Wil94]. **Distributions** [ST17, WO95, HKMCS94, WO96, vHKS94]. **Divergence** [SdSCP13, WYH+21, LW20, VSW+13]. **Divergent** [WJA+19]. **diversity** [EO15]. **Divide** [CTK01, Cza02, Cza03]. **Divide-and-Conquer** [CTK01, Cza02, Cza03]. **DMMP** [BB93]. **DMPI** [HWM02, ZLL+12]. **DNA** [dFdOSR+19, GDMME22, PGF18]. **DNAml** [CDZ+98]. **DNMR** [SR11]. **do** [JLG05]. **dOCAL** [RBW+20]. **docking** [ESB13, IPG+18, RJH+20, VGP+19, ZWL13]. **Document** [MHSK16, AD95]. **Documentation** [BDG+xx]. **Documents** [Ano98]. **does** [KC94]. **dog** [LK14]. **Domain** [BMR01, CP97, EGH+14, KDHZ18, kL11, ETV94, HE13, Nel93, NZZ94, Olu14, OMK09, Ram07, SHHC18, VM94]. **Domaine** [GA96]. **Domains** [KR09]. **Dongarra** [Ano95b, Ano96a, Ano99a, Ano99b, NMC95, Nag05]. **dOpenCL** [KSG13]. **dot2dot** [GDMME22]. **Double** [FKKC96, PTT94]. **down** [Str94]. **Downloadable** [Ano98]. **DP** [Arn95, KLR+15]. **DPVM** [IHvA+00]. **DQN** [PS19a]. **DQN-based** [PS19a]. **draft** [DHHW93b, GL92]. **Draw** [ST17]. **Dresden** [MdSC09]. **Driven** [AIM97, LWSB19, ME17, PCY14, FSG19a, FSG19b, Hin11, NCB+12, NCB+17, Qu95, SIS17, TWFO09, WTFO14]. **Dror** [Stp02]. **drug** [GWVP+14]. **drugs** [Str94]. **DSIR** [LTR00, RTL99]. **DSM** [KBVP07]. **DSMC** [JL18]. **DSMPI** [SSC96, SSC97]. **DTM** [PS07]. **DTS** [BHKR95]. **Dual** [BBC+00, GAM+02, DK02, CT13, LSSZ15]. **dual-dictionary** [LSSZ15]. **Dual-Level** [BBC+00, GAM+02, DK02]. **dual-scanline** [CT13]. **Dublin** [LKD08]. **During** [DeP03, DH22]. **Dust** [dlFMBdlFM02]. **DVFS** [PTL+16]. **DWT** [ZZZ+15]. **Dyn** [WLNL03, WLNL06]. **Dyn-MPI** [WLNL03, WLNL06]. **Dynamic** [ACGR97, AGS97, AUR01, BBD+20, CGLD01, CKmWH16, CML04, CK99, CTK01, DMB16, DBA97, DFMD94, FMBM96, FD00, GFD03, GFD05, GRV01, GCBL12, GMPD98, GL95a, KFL05, LZZ+20, MK17, NPP+00c, NLRH07, PK98, PLK+04, PT01, PGdCJ+18, Ran05, SPH+18, Smi93b, SY95, TS12a, TPK+19, VdS00, Vet02, Wal01a, Wil94, YST08, Zel95, DDLM95, EO15, FH97, FCS+12, FKLB08, JC17, MSMC15, NSBR07, NF94, OKW95, PGD18, PSH+20, RBAI17, RCG95, SCB14, SCB15, SKK+12, SKB+14, WRSY16, YPA94, DvdLVS94, FCS+12]. **Dynamically** [HDW21, SSS99]. **DynamicPVM** [DvdLVS94]. **Dynamics** [BST+13, BCGL97, DR97, JFY00, KBM97, dlFMBdlFM02, MH01, OS97, SZBS95a, SA93, TDBEE11, TGEM09, YWCF15, ZB94, ALR94, AiIS+21, ABG+96, AGMJ06, BvdB94, BHS18, BvdSvD95, BBK+94, BMPZ94b, BMPZ94a, CC00b, FHSO99, HHS18, HVSC11, JAT97, JMS14, KFA96, KPK13, KRG13, LHZ+20, LSVMW08, NS20, OKM12, PARB14, PBK99, PIR+20, RS22, RBB15, SPE95, SZBS95b, SKM15, TG94, WPH94, XR21]. **Dynamische** [Wil94]. **dynamite** [IvdLH+00, IHvA+00]. **Dynamite/DPVM** [IHvA+00]. **dynamo** [Hol95]. **DySel**

[CKmWH16].

E-scale [Gua16]. **EA** [Ben18]. **each** [Ano00a, Ano00b]. **Early** [CD96, LV12, SLG95, EFR+05, HHK+19, KJA+93]. **Earth** [KTJT03, Nak03, Nak05a, Nak05b, UTY02]. **Earthquake** [UZC+12, KTJT03, KME09]. **Easily** [PKB01]. **East** [IS16]. **Easy** [HCA16, TDG13, MJPB16, SBF94]. **EasyGrid** [BR04]. **EASYPVM** [Saa94]. **ECMWF** [HK93, HK95]. **ed** [Nag05]. **EDEM** [Tsu95]. **Edge** [ZDD97, Gra97, RAGJ95]. **edition** [Ano99a, Ano99b, Ano00b]. **Editor** [GT19]. **Editors** [AM07, GSA08]. **EDP** [SdR+21]. **education** [ACM06a]. **EDV** [Ano94c]. **EDV-Benutzertreffens** [Ano94c]. **Edward** [Che10]. **Effect** [DK06, LFS+19]. **Effective** [MLAV10, RK01, SNN+20, TMC09, Tsu95, BC19b, Cza13, JH97, KS15a]. **Effects** [SSE12]. **efficacy** [GScFM13]. **Efficiency** [KS96, MTU+15, CZ96, MMU99, RS95]. **Efficient** [ADT14, Att96, BHW+17, BGBP01, BCK+09, BHLS+95, BFG+10, BGD12, Bru95, BDH+95, BDH+97, BMPZ94b, CVPS19, CAWL17, CFP96, DZ98a, DDN+22, DGG+12, FHPS94a, FHPS94b, FCS+19, GGZ+20, HBT95, HKT+12, HT08, HC06, HLO+16, KGK+03, KD13, LSB+18, LHCW05, LAD16, MDM17, MB12, MRB17, MKK21, NBK99, NWT21, OWO98, PGS+13, RJMC93, RRBL01, RSC+19, SPB+17, SOYHDD19, TGBS05, WQKH20, WSN99, WWFT11, YPZC95, YT20, ZWHS95, ZLWW20, ZT20, BfDA94, BHW+12, CLE+20, CGH+14, FM90, FNSW99, FHB+13, HCL05, KKB+21, KVGH11, LML+19, LKL96, LZC+20, LA06, MNYN21, MMDA19, Pan95b, PRS+14, PSH+20, PGPCK21, RR01, STA20, SOA11, TPD15, TDG13, YLC16, dCZG06, CRD99, THRZ99]. **Efficiently** [CC99, CCM+06, PHA10]. **effortless** [ITT99]. **eigenproblem** [BV99, GG99]. **eigensolvers** [DR18]. **Eigenvalue** [DAK98, BSC99, THM+94]. **Eighth** [ERS95, Sie94, IEE96b]. **Eilean** [CSS95]. **einem** [BL94]. **Einflüß** [Gra97]. **Einführung** [MS04]. **einit** [CLE+20]. **Einstein** [ARYT17, KLM+19, MBA21]. **Einstein-** [ARYT17]. **Ejector** [CCBPGA15]. **elastic** [PTG13]. **elasticity** [PTT94]. **Elastodynamic** [MAIVAH14]. **electric** [BALU95, Ano03]. **electrical** [Sil96]. **electroabsorption** [WWZ+96]. **electromagnetic** [DSOF11, NZZ94, OMK09, WGG+19]. **electromagnetics** [OGM+16]. **electron** [ART17, JL18]. **electron-molecule** [ART17]. **Electronic** [GJN97]. **Electronics** [IEE95d]. **Electrosoft** [Sil96]. **electrostatic** [VDL+15]. **Element** [BS21, DK20, KK19, MMD98, MS02b, OD01, OMK09, RHM+17, SM02, VRS00, BB93, BCM+16, Gra09, HMKV94, KME09, KEGM10, MGS+15, MKK21, Nak05a, Nak05b, PTT94, PSV19, TOC18]. **Elemental** [PMvdG+13]. **elements** [KB13]. **Eliminating** [DSG17]. **elimination** [ACMZR11]. **elision** [CLdJ+15]. **elliptic** [AGIS94, PR94c]. **ELLPACK** [BBH12, MKP+96]. **ELLPACK-R** [BBH12]. **Else** [Gei00]. **elucidation** [MK94]. **embarrassingly** [RGP22]. **Embedded** [TCM18, WZM17, YGH+14, ADK22, ACJ12, CGK11, NEM17, TMW17, WCS+13]. **Embedding** [FS97, SML17, SML19, MS96a]. **Embodying** [Ser97]. **Emerging** [WJA+19, RMNM+12]. **Emission** [Pat93, EZBA16]. **emphasis** [Bos96]. **eMPI** [MS96a]. **eMPI/eMPICH** [MS96a]. **eMPICH** [MS96a]. **Empirical** [SS94, VY02, KSTM20]. **Employing** [AGMJ06, GVF+18, LB16]. **emulation** [Bae20, MS99b]. **emulator** [LTLC94]. **enable** [SPK+12]. **Enabled** [Fos98, GSY+13, LSMW11, Pan14, SSLMW10, ZL17, ZLP17, DS13, GLM+08,

[CCSM97, DK06, NO02b, Nak03, SC04, ADDR95, EDSV09, LSR95, MGG05, NO02a, Nak05a, Nak05b, OMK09, dH94]. **Ithaca** [PBG+95, Ree96]. **IV** [SPH95]. **IWOMP** [CZG+08, CGKM11, CMMR12, EdS08, MCdS+08, MdSC09, SHM+10]. **IWPP** [Kum94, PBPT95]. **IWPP-94** [Kum94, PBPT95]. **IWWP** [Kum94]. **IX** [R+92].

Jack [Ano95b, Ano96a, Ano99a, Ano99b, Nag05, NMC95]. **Jacobi** [BBDH14, CGU12, LM99]. **JaMP** [KBVP07]. **January** [ERS96, GE96, HS94, IEE95h, IEE96g, MMH93, USE95]. **Janus** [GJP01]. **Japan** [SHM+10, SPE95, HHK94, IFI95]. **Jason** [Che10]. **Java** [ACM98a, Ano97, BCFK99, BDY99, Bra97, BK00, BKO00, CGJ+00, CFKL00, CLL03, DeP03, Fer98b, Fer98a, GGS99, KOB01, KBVP07, LRW01, MSS98, MG97, NE98, RAS16, SMS00, SZ99, TDB00, VGRS16, VGS14, WN10, WCS99, YC98, YHGL01]. **Java-based** [WCS99]. **Java-MPI** [GGS99]. **Java/CORBA** [LRW01]. **JavaNOW** [TDB00]. **Jaypee** [CGB+10]. **Jeff** [Stp02]. **Jersey** [Bha93]. **Jerusalem** [DSM94]. **Jiang** [Ano95b, NMC95]. **JMI** [GDEBC20]. **Job** [KSC+19, NSS12, PS19b]. **Jobs** [GSHL02, OPM06, WDR+19, ZA14]. **Join** [BGD12, LTRA02, SML17, BMS+17, SML19, She95]. **Joint** [GT94, Ano03, YHGL01, Ano93c]. **JOMP** [BK00]. **Jose** [ACM97b, GE95, GE96]. **JPEG** [CLBS17, NU05]. **JPT** [BDY99]. **JPVM** [Fer98b, Fer98a, LGCH99]. **Jr** [ACM99]. **Juggler** [BLVB18]. **Julia** [Cre16]. **July** [ACM95b, ACM97a, Boi97, EV01, GA96, Has95, IEE93c, IEE96i, Lev95, PW95, TG94]. **Jumpshot** [ZLGS99]. **June** [ACM90, Ano94f, B+05, BG91, CZG+08, CGKM11, CMMR12, DSZ94, DW94, D+95, IEE94e, IEE95c, IEE95i, IEE96d, IEE96h, KG93, LHHM96, Li96, MCdS+08, MdSC09, R+92, SL94a, SHM+10, TG94, Vos03]. **Jupiter** [Str94]. **Just** [FKLB08, FSSD17, KFL05, FK94]. **Just-In-Time** [FSSD17, FKLB08]. **JVMPI** [DeP03].

k-ary [Pan95a]. **K20** [MYL21]. **Kalman** [BY12]. **Kanazawa** [HHK94]. **Kandrot** [Che10]. **Karlsruhe** [Cal94, Sch93]. **Karlsruher** [Reu01]. **Katsevich** [DYN+06]. **Kaufmann** [SD13]. **KBLAS** [AKL16]. **Keele** [Ano93c]. **KENO** [RP95]. **KENO-Va** [RP95]. **Kernel** [CKmWH16, CFDL01, EBKG01, HKT+12, MBBD13, PWP+16, STA20, SNN+19, TY14, CZP21, FMFM15, GM13, MMW96, PSB+19, RJH+20, SAP16, YBZL03, AKL99, PSH+20]. **Kernel-assisted** [MBBD13, GM13]. **Kernel-based** [CKmWH16, TY14]. **kernel-independent** [YBZL03]. **Kernel-Level** [HKT+12]. **Kernels** [BCD+15, CTBT21, KI17, KAC02, LCY19, Pet01, Ros13, SNN+20, SSB+17, VZT+19, WQKH20, ARS89, BCD+12, FSV14, FVLS15, FFM11, KKM15, LCH+22, MH21, PTG13, PGS+13, PSH+20, TBB12]. **Kerr** [Kha13]. **key** [LF+93a]. **kind** [SP11]. **Kinect** [KPK13]. **kinetic** [JL18]. **Kinetics** [LD01, BTC+17]. **King** [ACM99]. **Kingdom** [Boi97]. **Kirchhoff** [SSS99]. **Klagenfurt** [Bos96]. **Knapsack** [ICC02]. **KNEM** [GM13]. **Knights** [GDS+20]. **KNN** [MPZ21]. **knowledge** [FNSW99]. **knowledge-based** [FNSW99]. **Knoxville** [PR94b]. **Kohr** [Stp02]. **Kokkos** [EVMP20]. **Kolmogorov** [Str97]. **KOP3D** [KR09]. **Koppelrandkommunikation** [Gra97]. **Kpi** [EML00]. **KPN2GPU** [BK11]. **KPP** [AC17]. **Kremlin** [GJLT11]. **Kronecker** [LNW+12]. **KSIX** [AUR01]. **KSR1** [BL94]. **KU** [IM94]. **Kungl** [Eng00]. **Kyoto** [IFI95, SPE95, IFI95].

DFA+09, FSXZ14, FBSN01, GLB00, GLRS01, HLP11, KD12, LWKA15, LWZ18, LGG16, LPJ98, LA02, LRQ01, MKW11, NSLV16, NO02b, PRQ21, Ran05, RSV+05, RRBL01, SPM+10, SB95, SPH+18, THN00, VT97, Wal01a, WYZ+19, YCA18, AL93, BSC99, Bir94, BG94b, BDV03, CMV+94, CL93, CKP+93, ED94, GKZ12, GCN+10, GkLyCY97, GWVP+14, GRTZ10, HPLT99, HK09, HK10, HY20, JPL22, KOS+95a, KSL+12, KLV15, LR06b, LA06, LLH+14, Mar05, MMAH20, MdSAS+18, MSZG17, MGC+15, NO02a, Nak05a, PAdS+17, PQR18, QM21, RAS16, RGDML16, RCG95, Sch93, SH94, Sch99, SMAC08, Str94, VBLvdG08, Vis95, Wan02, WC15, WLK+18, WYLC12, YX95, ZWC21, TA14]. **Model-Based** [AP96, LGG16]. **Modeling** [ACM96a, ATM01, BS07, COE20, CSC96, CDM93, FST98a, GAM+02, HSO+21, MOL05, MZLS20, MH21, NM95, RGDM15, Rót19, SEF+16, STH22, TD99, VFD02, WJA+19, WMC+18, XH96, AC07, BDP+10, BAE22, Bic95, BB95b, JL18, KM10, KME09, KEGM10, LZHY19, MS99a, WT13, XXL13, YMYI11]. **Modelling** [FST98b, GC05, Ham95a, KDL+95b, BJS99, HTHD99, KDL+95a, MSML10, QHCC17]. **Models** [AKK+94, BS93, BZ97, CMK00, Cer99, CNM11, DK06, EMO+93, ESM+94, GJN97, PPF89, SS01, SMOE93, SYL19, TSN21, Whi04, BB95a, CPM+18, CH96, CBS18, Duv92, EVMP20, KO14, LV12, MCB05, Nes10, RSBT95, RBAI17, RJH+20, STP+19, SYR+09, Wal00, WBSC17]. **moderate** [Uhl95a]. **Modern** [AHHP17, DARG13, KDT+12, LNK+15, MPZ21, SM07, EYP+20, HH14, HCC+20, PMZM16]. **modernization** [WLYL20]. **modes** [WZWS08]. **Modified** [Riz17, GP95, KD12]. **Modular** [CT02, HPP02, FWS+17, HLM+17]. **modulator** [WWZ+96]. **modulator/DFB** [WWZ+96]. **Module** [Ano98]. **Modules** [AKK+94, DS96b]. **modules-design** [DS96b]. **Molecular** [ABG+96, BST+13, BCGL97, BL95, BS07, DR97, DI02, KBM97, LAFA15, MH01, SA93, YWCF15, ZB94, AiIS+21, BvdSvD95, BBK+94, BMPZ94b, BMPZ94a, CC00b, DCD+14, Dab19, FHSO99, HHS18, JAT97, JMS14, KFA96, KRG13, LHZ+20, LSVMW08, OKM12, PARB14, PIR+20, SL95, VGP+19, ZWL13, RS22]. **molecule** [ART17]. **Møller** [BL95, KN17]. **Moment** [SSB21]. **MONC** [BBW19]. **Monito** [SGL+00]. **Monitor** [KRS99, Whi94]. **Monitoring** [AH00, BCLN97, Beg93b, BFM96, BFMT96b, CD98, DBK+09, GSN+01, IADB19, LY93, LW97, MWG97, MVY95, SGL+00, UP01, Wis98, Wis01, Yan94, Beg92, Beg93c, Beg93a, BB94, BS96a, BFMT96a, FLB+05, LC07]. **Monodomain** [ORA12]. **Monona** [ZL18]. **Monte** [HJBB14, RP95, WH96, ADRCT98, AK99, DAK98, NSLV16, RR00, SK00, SKM15, ZZ04]. **Monterey** [Ano89, Gat95, USE94]. **Montpellier** [DE91]. **Montréal** [Lev95]. **MOPS** [GJN97]. **Morehouse** [AGH+95]. **Morgan** [SD13]. **Morphable** [ZL17]. **morphology** [VLSPL19]. **Morton** [LZH18]. **MOSFETs** [MV20]. **MOSIX** [BBGL96]. **motif** [FMS15]. **motors** [SKM15]. **movement** [MV17, PG18]. **Moving** [HAA+11, KQT+21, LSG12]. **MPC** [BPJ22]. **MPE** [GKL95, KFA96]. **MPEG** [NU05]. **MPEG-4** [NU05]. **MPI** [ARYT17, AD98, Ano95c, Ano99a, Ano99c, Ano99b, Ano99d, Ano00a, Ano00b, BDW97, CHD07, CHD09, CD01, CDND11, DKD05, DLM99, DKP00, DLO03, GBR97, GEW98, IEE96i, JKN22, JMS14, KGRD10, Kra02, KKD04, LKD08, MTWD06, Nag05, Per97, PS01b, RWD09, RLVRGP12, SBG20, ST02a, TDB00, TBD12, Vre04, WSN99, YM97, ST02b, ACGdT02, AKB+19, Ada97, Ada98, AC07, ACH+11, APJ+16, AASB08, ART17, ATM01,

ACC+21, ACGR97, AK99, ABF+17, AHP01, ACMZR11, ALW+15, ALB+18, ADLL03a, ADLL03b, And98, AiIS+21, FH98, AVA+16, Ano93e, Ano94d, Ano98, Ano01a, Ano03, AKE00, AKL99, AJF16, AIM97, ADR+05, AHHP17, AMC+19, Bad16, BV99, BCMR00, Bak98, BF98, BCFK99, BBG+10, BCG+10, BBG+11, BKK20, BGBP01, BBS99, BAC20, BBG+14, BA06, BCAD06, BADC07]. **MPI** [BGR97a, BKGS02, Ben01, BW12, BHV12, BKH+13, BIL99, BIC05, BBB+20, BP98, BF01, BBCR99, BBDH14, BK96, BKdSH01, Bha98, BfDA94, BHLS+95, BHS+02, Bis04, BBH...13a, BBH+13b, BDB+13, BIC+10, BR04, BCM+16, BTC+17, BM00, Boo01, BBC+02, BPJ22, BCH+03, BHK+06, BBC+99, BBC+00, BS96b, BMR02, Bri02, BRM03, Bri10, BMPS03, BS07, BBW19, BDL98, Bru95, BDH+95, BDH+97, Brü12, BLW98, BFBW01, BEG+10, BCH+08, BWV+12, CdOO+20, CGC+02, CSW12, CGC+11, CwCW+11, CRE99, CE00, CRE01, CC10, CP98, CAHT17, CGJ+00, CFKL00, CSS95, CGBS+15, CGG10, CB00, CDMS15, CGS15, CBL10, CBB+20, CBB+21, CLE+20, Cha02, CTBT21, CEGS07, CDP99, CCA00, CFDL01, CLL03, CGZQ13, CC17, CSAGR98, CNC10, CC00a, CGH94, CCSM97, CFMR95, CDD+96, Coo95a, Coo95b, CFF+96, CRGM14]. **MPI** [CRM14, CRGM16, CC99, CT02, CD96, CG99b, Cre16, DPS05, DPSD08, DMK19, Dan12, DSG17, DZ96, DZ98a, DR18, DK20, DW02, DLM+17, DZ98b, Dem96, DPP01, DJJ+19, DLB07, DSW96, DS96a, DRUE12, DKD07, DI02, DDN+22, DL10, DCPJ12, DCPJ14, DPFT19, DAK98, DGG+12, DGB+14, DBB+16, HD02a, DXB96, DOSW95, DWS+21, DFSW19, DCH02, DH22, DBK+09, EZBA16, EGH99, EDSV09, EYP+20, ES11, FH97, FD96, FDG97a, FDG97b, FLD98, FD00, FBD01a, FBD01b, FGRD01, FBVD02, FD02a, FD02b, FD04, FCLG07, FB95, FB96, FB97, Fan98, FPY08, FA18, FFB99, FNSW99, FTVB00, FFP03, FLPG18, FGL+20, FL21, FMS15, FHK01, FKH02, FSC+11, FCS+12, Fin97, Fin94, Fin95, FWNK96, Fin00, FLB+05, FC05, FST98a, FST98b, FJK+17, FKK+96b, FKK96a, FGT96, Fos98, FHPS94a, FHPS94b, FHP+94, FHP+95, Fra95]. **MPI** [FWR+95, FKLB08, FBSN01, FSLS98, FCS+19, GBR97, GFD03, GFD05, GDC15, GVF+18, GGGC99, GGCM99, Gao03, GGZ+20, GBR15, GCGS98, GCC99, GCBL12, GGHL+96, Gei00, GR07, GGL+08, GJR09, GSI97, GBH14, GBH18, GGS99, GMA20, GR95, GLB00, GRW+19, Gle93, GM13, GJMM18, GT01, GBH99, GFIS+18, GHZ12, GSYT21, GÁVRRL17, GDMME22, GRRM99, GAMR00, GKS+11, GB98, GMPD98, GPL+96, Gra97, GEW98, GBS+07, GLM+08, GL92, GL94, GLS94, GL95a, GL95b, GKL95, GL95c, GL96, GLDS96, GL97c, GL97b, GHLL+98, GL99, GLT99, GLS99, Gro00, GLT00b, GLT00a, Gro01a, Gro01b, Gro02a, GL02, Gro02b, GT07, GLT12, Gro12, Gro19, GPC+17, GC05, GSY+13, Gua16, GADM20, HGX+22, HJ98, HC10, Har94, Har95, HL17, HCC+20, Hat98, HO14, HD02b, HDZ+20, HE02, Hem94, HZ96]. **MPI** [Hem96, HRZ97, HZ99, HEH98, HGMW12, HMK09, HPS+12, HPS+13, Hin11, HRR+11, HDB+12, HDB+13, HDT+15, HKN+01, HMS+19, HLOC96, HKT+12, HJB+21, HVSC11, HWX+13, HM01, HCA16, HG12, HcF05, Hus98, Hus00, Hus01, HWW97, IDS16, IRU01, ITKT00, IPG+18, ICC02, IMS16, JL18, JF95, JDB+14, Jes93b, JJM+11, JS13, JNL+15, Jon96, JLG05, JR10, JSH+05, KB01, KFA96, KS15a, KPW05, KW14, KWEF18, KD12, Kan12, KTAB+19, KLH+20, KFL05, KB98, KK02a, KL94, KYL03, KYL05, KSJ95, KSJ96, KN17, KBS04, KGK+03, KTXP21, KHB+99, KBM97, KLR+15, KR09, KSB+20, KMG99, KEGM10, KRC17, KV98, KAC02,

KC06, KBG16, KMH+14, KRG13, LK14, LAdS+15, LRG+16, LLRS02, LTDD14, LGM00, LRT07, LC97a, LR06b, LTRA02, Lee12, LFS+19, LFW20, LZ97, LRW01, LPD+11, LLC13, LZH17, LZH18]. **MPI** [LK20, kLCC+06, kLCCW07, kL11, LZZ+20, LFL11, LS10, LSM+18, LZC+20, LCY96, LCW+03, LVP04, LWP04, LGG16, LBB+21, LYSS+16, LB96, LGMdRA+19, LMG17, LCMG17, LBB+19, LGM+20, LNLE00, LO96, dLR04, LZHY19, LS08, LL01, LZC+02, LKJ03, LCC+03, LKYS04, LSK04, LLH+14, MBBD13, MMR99, MS02a, MS02b, MV17, MC18, MTK16, Man01, Man98, MK17, MLVS16, MB21, MLAV10, MKP+96, MSMC15, MSL12, MH01, MSL96, MS96a, MC98, MGG05, MAS06, MM02, MM03, MOL05, MCS00, MANR09, MRRP11, MG97, MMDA19, MMAH20, MMM13, MTW07, MK04, MCLD01, MMH98, MMH99, MS99c, MB00, MvWL+10, NAW+96, NO02b, NO02a, Nak05a, Nak05b, NSBR07, NE98, NE01, Nes10, NSS12, NH95, NCB+12, NCB+17, NWT21, NAJ99, NW98, Nit00, NHT02, NHT06, NFG+10, NN95, OM96, OLG+16, OKM12, OIS+06]. **MPI** [OD01, OF00, Ong02, OP98, OL05, OGM+16, OMK09, Pac97, PARB14, Pan14, PK98, PES99, PLK+04, PSK08, PDY14, PS00a, PS01a, PHJM11, PTL+16, Per99, PZ12, PGK+10, PFG97, PLR02, PGAB+05, PGBF+07, PGAB+07, Pla02, PD11, PSSS01, PSK+10, PTH+01a, PTH+01b, PS00b, PHM+22, PTW99, QB12, QM21, Qui03, Rab98, Rab99, RDMB99, RR01, Ram07, RSBT95, RMS+18, Ran05, RA09, RAS16, RCFS96, RJH+20, RBB97a, RBB97b, RBB97c, RSPM98, RTH00, RH01, Reu01, RST02, Reu03, RGDM15, RGDML16, RGGP+18, RGP22, RNPM13, RPM+08, Röh00, Rol08b, RšT06, RSC+19, RFRH96, RRG+99, RTRG+07, SE02, SCB14, SCB15, STP+19, SPM+10, SWCB20, SSB+05, Sap97, SSB+16, SDJ17, SGH12, SSN+21, SBF+04, SCJH19, SW12, SBG+02, SG05, Ser97, SS01, SWS+12, SG12, STY99]. **MPI** [SM02, SM03, SC19, SPH+18, SP99, SZ11, SC04, SSC96, SS99, SIC+19, SZBS95a, SZBS95b, SDN99, SvL99, SJ02, SWJ95, SMTW96, SH96, SDB94, SLG95, SDV+95, SPH96, Slo05, SVC+11, SK00, SB01, SOHL+96, SOHL+98, Sni18, SHHC18, SSL97, Squ03, Ste96, ST97, Sto98, SU96, Str96, SRS+19, Sum12, SN01, Swa01, TOTH99, TAH+01, TSY99, TSY00, THDS19, TSCS14, TKP15, TK19, Tha98, TGL02, TG09, TGKL19, TPLY18, TW01, TD99, TOC18, Tra98, THRZ99, TRH00, Trä02b, Tra02a, TGT10, Trä12a, Trä12b, THMH21, TMPJ01, TFGM02, Tsu07, TFZZ12, TPV20, UTY02, URKG12, VFD02, VLSPL19, VS00, VPS17, VSRC94, VSRC95, VGRS16, VdS00, VP00, VVD+09, WH96, Wal95, WO95, Wal96a, WD96, WO96, Wal01a, Wal01b, Wal00, WC09, WLNL03, WLNL06, Wer95, WST95]. **MPI** [Whi04, WK20, WLR05, WWZ+96, Wis98, WB96, WM01, WADC99, Wor96, WRA02, WDR+19, WCS99, WT11, WYLC12, WT12, WLYC12, WT13, WMP14, XH96, XLW+09, YM97, YL09, YHL11, YWC11, YCL14, YBMCB14, YW21, YPAE09, YTH+12, YSP+05, Zah12, ZZ04, ZLZ+11, ZWZ05, ZLP17, ZJDW18, ZWLZ21, ZCBD22, ZLL+12, ZGZS20, ZT20, ZWC21, ZZ95, ZSnH01, ZKRA14, ZA14, bT01a, dlAMCFN12, KH96, Mar06, YM97, Ano96a, Ano99a, Ano99c, Ano99b, Ano99d]. **MPI-1** [SOHL+98]. **MPI-2** [Ano99c, Ano99d, Ano00a, AKL99, BCAD06, BHS+02, CwCW+11, CD96, DPSD08, GFD03, GGHL+96, GT01, GHLL+98, GLT99, GLT00b, GLT00a, HGMW12, LSK04, MS02a, MK04, PS00a, SS99, SSL97, TRH00, bT01a, BADC07]. **MPI-3** [FCS+19, GBH14, GBH18, GLT12, HDT+15, QM21]. **MPI-ACC** [APJ+16]. **MPI-AllReduce** [NWT21]. **MPI-AMRVAC** [KTXP21, TK19]. **MPI-Based**

JNL+15, JMdVG+17, KKM15, KH12, KM10, KKLL11, KSL+12, KJJ+16, KNH+18, KB13, KPK13, Lee12, LWKA15, LNK+15, LCH+22, LWZ18, LL16, LAFA15, MC17, MKP22, MAIVAH14, MTU+15, MSZG17, MZLS20, MHSK16, ÓN12, OTK15, ORA12, PS19a, PCY14, PHW+13, PSB+19, PSH+20, PB12, RG18, RBW+20, RBC20, RVKP18, RVKP19, RGD13, RBB15, RGB+18, RRJ+20, RBB17, SFSV13, SPB+17, SAP16, SXMX+18, SSB+17, SG14, SFLD15]. **OpenCL** [SGS10, Str12, THS+15, TSEE21, TK16, TMW17, TKP15, TY14, TL19, WTTH17, WHMO19, WZHZ16, WTS19, WQKH20, WYH+21, YSWY14, YWTC15, YSL+12, ZWL+17, ZT17, dAT17, KB21]. **OpenCL-accelerated** [ZWL+17]. **OpenCL-Based** [CLOL18, MZLS20, WTTH17, WZHZ16, JKM+17, SXMX+18, WHMO19]. **OpenCL-like** [TSEE21]. **OpenCL-to-WebCL** [CHKK15]. **OpenCL-written** [KNH+18]. **OpenCLC** [LSB+20]. **openFabrics** [FCS+19]. **OpenFOAM** [TGS+20]. **OpenGL** [Ano98, Bae20, LHZ97, ORA12, Rót19]. **OpenGL-** [Rót19]. **OpenHMPP** [AAB+16]. **openMosix** [Slo05]. **OpenMP** [Cha05, CZG+08, CGKM11, CMMR12, EV01, JMS14, MdSC09, SHM+10, Vos03, OKM12, ST02a, ST02b, Add01, ARvW03, ABC+00, AC07, AHD12, ADK22, AAB+17, AELGE16, ACC+21, ACMZR11, ATL+12, ADT14, ACJ12, Ano97, Ano01b, Ano03, ABB20, AKE00, ADMV05, ADR+05, ASB18, AML+99, AGMJ06, AM07, ACD+09, ABB+10, BST+13, BBB+22, BR02, BAE22, BHP+03, BME02, Ben18, BN00, BF01, BBDH14, BWW+12, BCC+00a, BCC+00b, BGK08, BGG+02, BS01, BS05, BBC+99, BBC+00, Bra97, Bri00, BDV03, BdS07, BGdS09, BFG+10, BGD12, BC00, BS07, BB00, BC19b, BK00, BKO00, BO01, BEG+10, BB18, CdOO+20, CRE99, CE00, Car07, CB00, CGLD01, CDK+01, CLYC16, CM98, CMZ99, CHPP01, CBPP02, Cha02, CM05, CJvdP08, CGKM11, CMMR12, CLA+19, Cla98, CBYG18, CCM+06, CCBPGA15, CC00b]. **OpenMP** [CF19, Dab19, DM98, DW02, DBVF01, DFP+19, DKB20, DSGS17, HD02a, DGH+19, DFC+07, DFA+09, ETWaM12, EBB+20, EM00a, EM00b, EV01, EdS08, FGRT00, FMSG17, FSG19a, FSG19b, FSXZ14, FM09, GSA08, GJP01, GSMK17, GG09, Goe02, GÁVRRL17, GSM+00, GAM+00, GAML01, GOM+01, GAM+02, Gra09, HPP02, HP05, HDDG09, HA10, HO14, HD02b, HDZ+20, HMK09, HASnP00, HKN+01, HAJK01, HVSC11, HLCZ00, HT01, HCL05, HEHC09, HJYC10, HHSM19, HH22, HAA+11, IJM+05, ICC02, IOK00, ITT02, JCP15, JKHK08, JPOJ12, JFY00, JJY+03, JCH+08, JJM+11, JLG05, JR10, KB01, KS15a, KOB01, KaM10, KOI01, KN17, KKH03, KT02, KSJ14, KLR+15, KBVP07, KBG+09, KQT+21, KSB+20, KKV01, KT10, KH15, KAC02, KC06, Kuh98, KPO00, KLM+19, KRG13, KSS00, KSHS01, KJEM12, LOHA01, LP00]. **OpenMP** [LLRS02, LTS16, LBG+20, LD01, LME09, LLC13, LHC+07, LNW+12, LRLG19, LHCW05, LYSS+16, LA02, LA06, LdSB19, LMRG14, LHZ98, LL01, LLH+14, MKC+12, MS02b, Mal01, MV20, MM07, MB12, Mar02, Mar03, MLC04, Mar05, Mar09, MPD04, MCB05, Mat00a, Mat00b, Mat01a, Mat03, MGG05, MGC12, MG15, MM11, MFG+08, MKV+01, MBE03, MRRP11, MMDA19, MMSW02, MKW11, MM14, MMS07, MJB15, MJPB16, MCdS+08, Mül01, Mül02, Mül03, MBB+12, MBA21, NO02b, Nak05a, NIO+02, NIO+03, NEM17, NPP+00b, NPP+00c, NPP+00a, NPP+00d, NAAL01, NA01, NNON00, Nob08, NU05, NHT02, NHT06, OOS+08, OP10, OPW+12, PARB14, PPJ01, PVKE01, PK05, Per21, PZ12, PQR18, PRQ21, PGC02, PKE+10, Qui03, Ran05, RDLQ12,

IEE96e, IEE96d, IEE97b, IEE05, ITKT00, IBC+10, IOK00, IDD94, IH04, IHM05, JAT97, JML01, JLG05, Jou94, JRM+94, KFA96, Kan12, KDHZ18, KK02a, KOI01, KNT02, Kat93, KBS04, Kep05, KmWH10, KR09, KSB+20, Kon00, KKP01, KMC96, KMC97, KS96, KKDV03, KKD04, KS01, KVH97, KHS01, Kuh98, KBG16, Kum94, Lad04, LTDD14, LTR00, LKD08, LSZL02]. **Parallel** [LTRA02, LHHM96, Li96, LZ97, LHZ97, kLCC+06, LPJ98, LO96, Lus00, MSOGR01, MMD98, MS02b, MM92, MC18, MWG97, dlFMBdlFM02, Mar06, Mar07, MFTB95, MSCW95, Mat16, Mat94, Mat95, MSM05, MBS15, MGC12, MG15, MRB17, MYK19, MM11, Mic93, Mic95, MTWD06, MCLD01, MS95, MCdS+08, MBB+12, MSB97, NO02b, NO02a, Nak03, Nak05a, Nak05b, NSZS13, Nar95, NSS12, NAJ99, NJ01, NFK98, Nov95, NMC95, Oed93, OWO98, OP10, OLG01, Ong02, Ott93, OWSA95, Pac97, PPT96a, PVKE01, Pat93, PSZÉ00, PV97, Per99, Per21, Per96, PRQ21, PLR02, PWPD19, PKB+16, PBC+01, Qui03, RR00, RDMB99, RJ21, RBS94, Ree96, RS95, RC97, RSV+05, Röh00, Rol94, RWD09, RTL99, RLL01, SCP97, SPE95, SGZ00, Sch01, Sch96a, Sch96b, Seg10, Ser97, Sev98, She95, SSLMW10]. **Parallel** [SM03, SP99, Sie94, Sie92a, Sie92b, SR98, Sin93, STV97, SWH15, Sou01, SBB20, SSB21, Sta95b, Ste94, SSN94, SGS10, Str96, Str97, Str94, SNMP10, Sun90a, Sun90b, Sun94a, Syd94, TMP16, TSS00b, TTP97, TC94, TCP15, TQDL01, THN00, TDBEE11, Tsu07, TVV96, Uhl94, Uhl95b, UH96, UCW95, VLO+08, VRS00, VB99, WH96, Wal01a, Wel94, WAS95b, WHDB05, WO97, WSN99, WMC+18, WTR03, WT12, YM97, YHGL01, YH96, YPA94, YG96, YTH+12, YZPC95, YSL+12, ZTD19, ZJHS20, ZB94, ZZ04, ZDR04, ZWLZ21, ZWJK05, ZAT+07, ZLS+15, ZZZ+15, ZWC21, ZGC94, ZB97, van97, ACM97a, ARvW03, APBcF16, ART17, AAAA16, AD98, AL92, ABF+17, ASCS95, ADT14, AD95, ACJ12, Ano93h, Ano95c, Ano00b, ADB94, AV18, ADDR95, AB93b, AFST95, AB13, AGIS94, ADMV05, ASB18]. **parallel** [BHJ96, BBB+94, BR91, BA06, BHS18, BB95a, BCAD06, BB93, BDG+92b, BB94, BPC94, Ben95, BvdSvD95, BKH+13, BAV08, BN00, Bir94, BCM+16, BKML95, Bos96, BFMR96, BID95, Bri95, Bru95, BDW97, BSH15, BB95b, CARB10, CL93, CGK11, Cav93, CLdJ+15, CLSP07, CT13, CLYC16, CKmWH16, Cha05, CJvdP08, Cha96, CGL+93, CEGS07, CH94, CZ96, Che99, CIJ+10, CS96, CSW99, CCS19, Cla98, CEF+95, CDD+96, CdGM96, CBHH94, Coo95a, CCHW03, CLLASPDP99, CFF+96, CPR+95, CD01, CDH+94, CKP+93, CB11, DMK19, DKF93, DKF94b, DR18, DLR94, DLRR99, DDS+94, DR94, DSZ94, DM93, DRUE12, DBVF01, DKD05, DvdLVS94, DXB96, DMW96, DLM99, DKP00, DLO03, Duv92, DZZY94, EASS95, EVMP20, EV01, FB96, FFB99, FM90, FO94, FSTG99, Fer98a, FMS15, FCS+12, FKK+96b]. **parallel** [FFM11, FHC+95, GG99, GCN+10, GGL+08, GBF95, GKD+18, GG09, GFB+14, GÁVRRL17, GDMME22, GSM+00, GKS+11, GEW98, GKK09, GKCF13, Gra09, GP95, HHS18, HAM95b, HPY+93, HD00a, HWS09, HDZ+20, Heb93, HPS+96, HZ94, HZ99, HPLT99, HDB+13, HVSH95, Hol95, HH95, HLOC96, HVSC11, HHSM19, HLO+16, IEE97a, IM95, JWB96, JC17, JY95, JJM+11, JC96, JMdVG+17, KCD+97, KHBS19, KOB01, KBP16, KN17, KOS+95a, KTXP21, KB21, KC19, KL95, Kos95b, KSS+18, KRC17, KG93, KFSS94, Kra02, KKJ+08, KH10, LM99, LCL+12, LH98, LS10, LZC+20, LCVD94a, LGMdRA+19, LMM+15, Lou95, LG93, LM13, LL95, LC97b, LSR95, MMR99, MYB16, MMB+94, MZK93, MV20, MM95, Mar05, MSP93, MW21, MK00, MN91, MHC94a, MRRP11, MALM95,

BDL98, BCKP00, BHNW01, BFMT96b, BFBW01, BEG+10, CGK+16, CVPS19, CDD+13, CRE99, CDJ95, CGLD01, CBB+21, CNM11, Che99, COE20, CSC96, CCBPGA15, DPSD08, DM95b, DW02, DZ98b, DPP01, DWL+10, DBK+09, EGH99, EGC02, EML98, EML00, FD02a, FGRT00, FCP+01, FSC+11, FST98b, FGKT97, GFD03, GKP96, GGS99, GBH99, GFIS+18, GRRM99, GBS+07, GC05, GMdMBD+07, GSY+13, HVA+16, HKN+01, Hol12, HF14a, HF14b, HPS95, Hus98, IEE92, IEE93c, IEE94g, IEE95k, IEE96a, IEE96f, IEE97c, IFI95, IRU01, IHvA+00, IADB19, JSS+15, JC17, JCH+08, JS13, JLG05, KDSO12, KaM10, KL94, KH12, KBS04, KBM97].

Performance [KC19, KKP01, KH15, KC06, KK02b, KHS01, KSS00, Laf01, LAdS+15, LWSB19, LCK11, LC97a, LB98, LGCH99, LNK+15, LH98, LC93, LkLC+03, LWZ18, LNW+12, LRLG19, LS10, LCW+03, LVP04, LWP04, LDCZ97, LZHY19, LC97b, LKYS04, MMB+94, MKP+96, MPD04, ME17, MGMH97, MGC12, MM02, MM03, MOL05, MS99a, MHC94b, MMSW02, MK04, MCLD01, MMH99, MM14, MMS07, MZLS20, NSLV16, NMW93, NFK98, NPP+00d, NMS+14, NN95, OTK15, OPJ+19, OF00, OLG01, PARB14, PKB01, PHJM11, PZ12, PR94b, PFG97, PGAB+05, PGAB+07, PGC02, PY95, PTH+01b, PS01b, QHCC17, QB12, Rab98, RBB97a, RBB97c, RH01, RRAGM97, Ros13, RšT06, SGJ+03, SPM+10, SLJ+14, SWHP05, SCP97, SEF+16, SPL+12, SCSL12, SM02, SM03, SSC97, SJ02, SSSS97, SC96b, SKH96, SJK+17a, SJK+17b, TSB02, TSB03, TTSY00].

Performance [Ten95, Tha98, TBG+02, TGT10, Trä12b, TFGM02, TFZZ12, VFD02, VY02, WZM17, WQKH20, WN10, WAS95b, WM01, WT11, WT12, WT13, WYZ+19, XF95, XH96, XXL13, YC98, Yan94, YWC11, YS93, YWCF15, YSP+05, ZLGS99, ZWLZ21, ZWJK05, ZHK06, Zho21, ZSnH01, ABDP15, Ahm97, ADLL03a, ADLL03b, Ano03, AFST95, BDP+10, BAE22, Ber96, BPJ22, BDV03, BFM96, BFMT96a, BFIM99, CRE01, CAHT17, CLYC16, CBPP02, CBM+08, CHKK15, DM95a, DL10, DO96, D+95, DWL+12, DE91, Duv92, EFR+05, ESB13, FAF16, FD02b, FE17a, FE17b, FSV14, FME+12, Fin97, GVF+18, GS02, GGC+07, GK97, GR95, GHZ12, GML+16, GSM+00, GL96, GLDS96, GL97c, GL99, GWVP+14, HDDG09, HLK+20, HW11, HGX+22, HASnP00, HAJK01, HMS+19, HK10, HVSC11, HHA95, HG12, HcF05, JKHK08, JJM+11, JKN+13, KBP16, KKM15, KS13, KSC+19, LBD+96].

performance [LTLC94, LFS+19, LC07, LML+19, LBH12, LCY96, LB96, LL01, LKJ03, LSK04, MC17, MP95, MSMC15, MSW+05, MSL12, MKP22, MABG96, MHC94a, MSZG17, MJPB16, MGC+15, NU05, NFG+10, OIH10, Old02, PGS+13, PS19a, PHW+13, PGK+10, PF05, PMZM16, PTW99, Rab99, RMS+18, RPS19, Reu03, RGDM15, RJDH14, Sep93, SFO95, SPBR20, SWJ95, Slo05, SVC+11, SK00, SFLD15, TMC09, TSP95, TG09, THM+94, VDL+15, Wor96, XR21, YCL14, ZSK15, ZWL13, ZGZS20, dAT17, HS95a, GH94, LCHS96, SSH08].

performance-aware [MSMC15].

Performance-based [YWC11].

Performance-Driven [LWSB19].

Performance-Neutral [CBB+21].

Performance-Portable [JSS+15, DWL+10, DWL+12, FAF16].

performance-prediction [BDV03].

performance/cost [GWVP+14].

performance/power [RPS19].

Performances [GFV99, DS96b, IM94].

Performing [CC99].

Peridynamic [MSZG17].

Periscope [LGG16].

perishable [OHG19].

Permutations [CC99, LTDD14].

Persistent [Man01, SG12, HMS+19].

Persistent-Sets [SG12].

Personal

[SSSS97]. **personalized** [BHJ96]. **perspective** [Sni18]. **perturbation** [KN17]. **Perverse** [Rol08a]. **PES** [MK94]. **Pessimistic** [BCH+03]. **petaflops** [LSG12]. **Petascale** [CGKM11, CBYG18, ZWL13, Gei01]. **Petersburg** [Mal95]. **Petri** [CNM11]. **PFACC** [HY20]. **PFSLib** [LL95]. **PGAS** [SWS+12, SJK+17a, SJK+17b]. **Phase** [CBL10, DH22, ED94, TKP15, TG94, ZAFAM16]. **phase-field** [TKP15]. **PHAT** [BBC+19]. **Phi** [BB18, CBIGL19, DSGS17, MTK16, OTK15]. **Philadelphia** [ACM96b]. **Phi**^{TM} [MMDA19]. **PHOENICS** [SZBS95b, SZBS95a]. **Phoenix** [ACM03, IEE95b, Ten95]. **Photo** [JFGRF12]. **Photonic** [lLLmH+21]. **Phylogenetic** [MR12, LBH12]. **Physical** [BM97, GJN97, SR98, GWVP+14]. **Physics** [GT94, KH15, VW92, WBH97, ANS95, BPG94, DMW96, SPBR20]. **PIC** [BDV03, HTJ+16, JL18]. **Picos** [YÁJG+15]. **Pilot** [OS97, CGG10]. **PINEAPL** [DHK97]. **Pinhole** [NH95]. **Pipe** [MTU+15]. **Pipeline** [GAMR00, KB21]. **Pipelined** [GAML01]. **Pipelines** [MAGR01, FWS+17, RKBA+13]. **pipelining** [MM11]. **Pisa** [Sil96]. **Pitaevskii** [LBB+16, LYSS+16, SSB+16, YSVM+16, YSMA+17]. **Pittsburgh** [ACM96c, ACM04, Ham95a, IEE94d]. **Place** [IEE94e, LTS16, BCK+09, HSE+17, PSHL11]. **placement** [DJJ+19, SLN+12, SPK+12]. **Planck** [Ano94c]. **Planing** [GAMR00]. **Planning** [HMS+19, Zel95]. **plant** [FO94]. **PLAPACK** [van97]. **plasma** [JL18, DGH+19, YKLD17]. **Plasmafusionsforschung** [BL94]. **plasmas** [CFF19]. **Platform** [BKGS02, BB18, NO02b, PGF18, WTTH17, BSH15, CB11, Cza13, DWL+10, DWL+12, HTJ+16, HHA95, JPL22, JR13, KSC+19, NO02a, XXL13, YSL+12]. **Platforms** [AIM97, COE20, HSO+21, HD00b, JML01, OPJ+19, RVKP19, ZB97, BBC+19, EYP+20, GGC+07, GFB+14, MBBD13, TKP15, TS12b]. **Plesset** [BL95, KN17]. **PLIERS** [MMR99]. **plug** [MS99b]. **plug-in** [MS99b]. **plume** [JL18]. **plus** [HDB+13, Stp18]. **PMaC** [PTL+16]. **PMD** [Che99]. **PML** [Ram07]. **PMPIO** [FWNK96]. **PMPIO-a** [FWNK96]. **pocl** [JSS+15]. **Point** [GBS+07, HC10, KV98, LWSB19, TSN21, ADLL03a, ADLL03b, WK20]. **Point-to-Point** [GBS+07, HC10, KV98, ADLL03a, ADLL03b, WK20]. **Pointer** [WYH+21]. **Pointer-Based** [WYH+21]. **Pointers** [LRT07]. **Poisson** [BP98, WJB14]. **Poland** [BDW97]. **Polder** [OS97]. **Policies** [CML04, PZ12, OHG19]. **policy** [MMM13]. **Polling** [DCPJ12, Pla02, DCPJ14, SH96]. **Pollutant** [RSV+05]. **Pollution** [AKK+94, BZ97, MPD04, MSML10, SH94, Syd94]. **POLSYS_GLP** [SMSW06]. **polygonization** [TSP95]. **polygons** [CT13]. **polyhedral** [BHRS08, KGB+09]. **polymers** [JAT97]. **Polynomial** [VY15, HLM+17, SMSW06]. **port** [CCHW03, Har94, RJMC93]. **Portability** [KaM10, RS95, RH01, ABDP15, CGK+16, FE17a, FE17b, HHS18, MGC+15, PHW+13, QHCC17, Reu03]. **Portable** [Ano95c, Ano00b, BHV12, BHLS+95, CDH+94, DHK97, Di 14, FCLG07, FSLS98, GLS94, GL97a, GLS99, JSS+15, LNLE00, Man98, MKV+01, MG97, PPT96a, PBC+01, SSCC95, STH22, SDB+16, Sti94, Tra98, WCS+13, YBMCB14, YT20, Arn95, BCK+09, BfDA94, BB00, BL99, BAS13, CJvdP08, CH94, CEF+95, DWL+10, DWL+12, FAF16, FWNK96, GR95, GL94, GS94, GLDS96, HTJ+16, HZ94, HSW+12, JC96, KN95, LFS93a, LFS93b, LHC+07, MMB+94, PPT96b, PPT96c, PMZM16, SSH+19, SFLD15, Sto98, VM95]. **portal** [AASB08]. **portals** [BS96b, BMR02, BRM03]. **Portfolio** [SIS17]. **Portfolio-driven** [SIS17]. **Porting**

[Ano92, Ano93f, Ano94g]. **Shared** [ADGA20, BCA+06, BME02, Bri10, CDT05, DM98, DMB16, FKH02, FB94, GB96, GLRS01, HC10, HDB+12, HT01, KB98, KSHS01, LRT07, Luo99, MBE03, MCdS+08, Mül02, NPP+00d, PBK00, Pok96, PS00b, Ros13, SS01, STY99, ST02b, Thr99, VS00, VT97, ABCI95a, ABCI95b, ADMV05, BMG07, CdOO+20, CBPP02, CJvdP08, Cha96, CCM+06, CC00b, DBVF01, DS96b, DPZ97, EVMP20, EV01, GCN+10, GL96, GL97c, HS93, HDB+13, JE95, KJA+93, KC06, LKL96, MLC04, PK05, QM21, RGDM15, SHHI01, SL94b, SFL+94, SSC96, TSY99, TSY00, THDS19, Vos03, WLYL20, WK20, WMRR17, WRMR19, YWO95, YX95, Cha05]. **Shared-Memory** [DM98, HDB+12, NPP+00d, Pok96, Thr99, PS00b, ABCI95a, ABCI95b, BMG07, CdOO+20, EVMP20, GL96, GL97c, KJA+93, PK05, TSY00]. **shared/distributed** [THDS19]. **Sharing** [Att96, CML04, CB16, DiN96, JAK17, KK98, LYGG20, JE95, Ott93, PRS+14]. **shear** [JAT97]. **ShearLab** [KLR16]. **Shearlet** [KLR16]. **Shearlets** [KLR16]. **Shelf** [LPJ98]. **SHMEM** [BBDH14, Hus01, LSK04, Sch96a, Sch96b, SS01]. **Short** [KBM97, MH01, SSLMW10, BMPZ94a, PARB14]. **Short-Range** [KBM97, MH01, BMPZ94a, PARB14]. **Short-Read** [SSLMW10]. **shorter** [NB96]. **Showcase** [USE00]. **SHPCC** [IEE92]. **SHPCC-92** [IEE92]. **SIAM** [BBG+95, DKM+92, Sin93]. **Side** [kLCCW07]. **Sided** [BPS01, GFD03, GFD05, GT01, HDB+12, LRT07, MH01, MB00, TGT05, TRH00, ZSG12, bT01a, BM00, DPFT19, DBB+16, GBH18, LSK04, MS99c, PGK+10, GBH14]. **SIGCSE** [ACM06a]. **Signal** [IEE95e]. **signals** [Uhl95c]. **Signatures** [Gro00]. **significance** [AMHC11]. **silent** [FME+12]. **Silicon** [LHZ+20, Ano03, Goe02, ZL18]. **Silicon-Monona** [ZL18]. **SIMD** [BvdB94, HS95b, KDT+12, LL16, Sur95b, VSW+13, WMK+19, vdP17]. **similarity** [LSB+20]. **Simple** [MSF00, Mül01, SC04, BC19b, ITT99, JH97, JKN22, Nes10, PGPCK21, PNV01]. **simulate** [Heb93]. **Simulated** [BHM94, BHM96, FH97, MPZ21, RSBT95]. **Simulating** [DLM+17, KDL+95b, KDL+95a, NFG+10]. **Simulation** [CDMS15, CCBPGA15, DMMV97, DZDR95, GSI97, GM95, GJN97, Ham95a, JML01, KDHZ18, KBM97, KMK16, LLRS02, MFTB95, MPD04, MANR09, PCY14, PKYW95, PZKK02, RR00, RDMB99, SSAS12, SXMX+18, Str97, Ten95, UZC+12, VT19, WMC+18, ZZ04, ZWJK05, dlAMC11, ASAK19, Ano95d, ADR+05, BJ95, BCM+16, BH95, BMPZ94b, CwCW+11, CSPM+96, DSOF11, FHSO99, FO94, FLPG18, FFFC99, GRTZ10, IPG+18, JAT97, JLS+14, KTJT03, KNH+18, KMC96, KMC97, LFS+19, LHZ+20, LCVD94b, LCVD94a, LYZ13, MMW96, MW21, MALM95, NS20, NB96, NF94, OKM12, PARB14, PY95, RFH+95, SWYC94, SSP+94, SKM15, Str96, Syd94, Tho94, WHMO19, WGG+19, YPA94, YEG+13, YSL+12, Eng00]. **Simulation-Based** [ZWJK05]. **Simulations** [CGS15, CNM11, DFMD94, DI02, GAP97, HLP11, HF14a, HF14b, KT02, Kha13, NH95, RTRG+07, SM02, YPAE09, ADT14, ABG+96, BHS18, BADC07, CFF19, GM18, Hin11, JMS14, LS10, LSVMW08, MNYN21, RMNM+12, SU96, THDS19, TOC18, VLSPL19, WWFT11]. **Simulator** [CAM12, MRV00, PHO+15, UTY02, WPC07, AMV94, LS10, LZC+20, PWD+12, WZWS08, ZAFAM16, ZZ95, KTJT03, Nak03, Nak05a, Nak05b]. **Simulators** [SB95, AVA+16]. **Singapore** [IEE96d]. **Single** [BM00, HF14a, HF14b, MB00, URKG12, WZM17, AGIS94, KKLL11, LK20,

CFF+94, CSW97, CJNW95, Coo95b, DAD19, EADT19, FD96, FGKT97, Fos98, GGZ+20, Gua16, HC17, HRSA97, IEE93d, IEE94d, IEE95a, IEE95i, IEE96h, KKH03, KP96, KQT+21, KDL+95b, KCR+17, KS97, LY93, LBB+21, LW97, MWG97, MBE03, MJB15, MBB+12, SM03, SGS10, SGS+21, SS96, TMP16, TWLL19, THN00, TL19, USE94, WJG+21, YGH+14, YH96, ZTD19, ZB97, dGJM94, AGR+95b, ACMZR11, ATL+12, Ano94e, BBB+94, BAC20, BAV08, CdOO+20, CKO+94, CLYC16, CBPP02, Coo95a, CPR+95, DF17, DR94, DBVF01, DvdLVS94, FHB+13, GBR97, GCN+10, GDEBC20, GEW98, GKK09, GKCF13, Gra09, GFPG12, GHH+93, HHA95, IPG+18, IM95, JB96, JJM+11, KSG13, KHB+99, KLV15, KDL+95a, KFSS94, LBG+20, LR06b, LH98, LRLG19, LCVD94b].
systems [LGM+20, LLH+14, MSL12, MvWL+10, Old02, OPW+12, Pan95b, Par93, PSB+19, PGPCK21, QB12, RPS19, SSKF95, SCJH19, SPH95, SVC+11, Smi93b, SG14, SMSW06, SLN+12, Sun94b, TBB12, TMW17, TVCB18, TSP95, VLMPS+18, WCS+13, WWZ+96, WADC99, WYLC12, ZL96, ZGC94, dH94, dlAMC11, dlAMCFN12, JWB96].
Systemsoftware [Sei99]. **systolic** [BSC99].

T3D [AZ95, AFST95, CCSM97, HWW97, MP95, MWO95, Oed93, Sch96a, Sch96b, SCC95].
T3E [BBS99, Boo01, Che99, GRRM99, LSK04, RBB97c]. **T3E-512** [RBB97c].
T3E-600 [LSK04]. **T9000** [BR94]. **table** [BJ13]. **tablets** [MNYN21]. **Tabu** [BSH15, Cza13, CB11]. **Tags** [Wis97].
TaihuLight [LHZ+20]. **Tails** [Kha13].
takes [GDB+93]. **Talbot** [ACMR14, Riz17].
tandem [GDMME22]. **Tapir** [SML17, SML19]. **Targeting** [BC19b, ABB20, JKM+17, RVKP18]. **Task** [AHD12, AAB+17, FKKC96, GDDM17, GPC+17, GFJT19, IOK00, KOI01, KSB+20, LHCT96, Mar03, MJB15, NIO+02, NIO+03, NSZS13, NJ01, OP10, OS97, SGZ00, SPL+12, SGS+21, TBS12, TS12a, WJG+21, YKW+18, APBcF16, ABF+17, BLVB18, BGH+05, GKCF13, OdSSP12, OPW+12, OPP00, RRFH96, RFRH96, STP+19, SWCB20, SKB+14, WC15, WDR+19].
Task-Based [AHD12, AAB+17, GFJT19, SPL+12, BLVB18, STP+19, SKB+14].
task-level [WDR+19]. **Task-Overlapped** [GPC+17]. **Task-Parallel** [KSB+20, NSZS13, APBcF16, ABF+17].
Taskers [FLD96]. **Tasking** [DFA+09, KaM10, SHM+10, TCM18, TSCaM12, VLSPL19, WC15, vdP17].
tasklet [PQR18]. **Tasks** [ACD+09, DDP+19, DT17, DFA+09, JW96, OP98, PWPD19, RR02, RDLQ12, SGL+20, WJG+21, YSS+17, YSS+19, BS01, DDYM99, DR95, EBB+20, FKK+96b, FKK96a, IvdLH+00, PKE+10, PWPD19].
TAU [MMS07, RMS+18]. **taxonomy** [SPH96]. **TBB** [Stp18]. **TBSCM** [BP98].
TC2 [Boi97]. **TC2/WG2.5** [Boi97].
TCGMSG [GB96, Mat94, Mat95]. **TCP** [KPW05]. **TD** [And98]. **Teaching** [MK00, JY95, MK97, PKB06]. **Technical** [Ano93c, Ano98, MC94, USE95, ACM06a, Sni18]. **Technique** [BCD+15, HC06, HAA+11, MK17, HC08, Nes10, RBB17, MAIVAH14]. **Techniques** [CP97, GS02, Mül01, SAL+17, SPL+12, TGBS05, Wis01, AMKM20, BPG94, Fer04, FCS+12, GSM+00, HKMCS94, JKN+13, KBG+09, NFG+10, PF05, SKS01, WST95].
technologies [Mal95]. **Technology** [Ano97, Bra97, CGB+10, CSV12, Dan12, GN95, HS94, PWP+16, SBT04, TBG+02, Ano93a, Ano93c, D+95, DM12, IEE94c, NS16, ZAT+07]. **Tekniska** [Eng00].
Telegraphic [ES11]. **TELMAT** [BR94].
temperature [Hin11, RS22].
temperature-dependent [RS22].

JSH+05, MSF00, BCH+08, FBD01b, FD02b, HG12, LMG17, LS08, MB21, NCB+12, NCB+17, PKD95]. **Tomographic** [Pat93]. **tomography** [FWS+17, RCFS96]. **tomorrow** [IEE94c]. **Tool** [Ano01b, Beg93b, BFMT96b, DW02, GSN+01, KAMAMA17, KSJ14, KKP01, LMRG14, MMSW02, MK04, NE98, SR96, SGL+00, Trä12b, VBB18, WL96a, AGG+95, BDP+10, Beg92, Beg93c, Beg93a, BDY99, BFMT96a, BHW+12, CPR+95, DKF94a, FSTG99, GDMME22, HPR+95, HD11, IMS16, JKN22, LSB+20, LCC+03, MdSAS+18, RMS+18, TSS98, WL96b, WL96b]. **Tool-Set** [WL96a]. **Toolbox** [Ano97, Bra97]. **Toolkit** [Ano12, KTXP21, LC07, LLC13, SLS96, PSH+20]. **Tools** [ABC+00, BDG+91b, BDG+93a, BS96a, BDL98, BoFBW00, Cha05, CDD+96, DT94, EV01, GMPD98, MHC94b, MCLD01, PKB01, STMK97, Vos03, Wan97, AMKM20, AVA+16, BDG+92a, BFIM99, Fan98, GBF95, LH98, MSW+05, MHC94a, ZL96]. **Tools-supported** [CDD+96]. **Top** [AHP01, Gal97, Hus01, Man01, PTH+01b, Ser97, BBCR99, PTH+01a, SSC96, SCL97, CCHW03]. **TOP-C** [CCHW03]. **ToPe** [JKM+17]. **topologies** [BCM+16, Gro19, MK00]. **Topology** [DK06, Hat98, HM01, Tra02a, GJMM18, HRR+11, MBBD13, SPK+12]. **topology-aware** [MBBD13]. **Topology-Based** [HM01]. **TOPPER** [KKP01]. **Toronto** [GGK+93, Vos03]. **Torus** [DDP+19, SG15]. **Townsend** [DT94]. **TPVM** [FS95, FS98]. **Trace** [Ney00, FLPG18]. **trace-based** [FLPG18]. **Traceback** [dOSMM+16]. **Tracefiles** [FCP+01]. **Traces** [CC17, MANR09, WM01, CDMS15, DWM12]. **Tracing** [CGLD01, DP94, KG96, CG93, Mor95, SGS95]. **Tracking** [GAP97, HD02b]. **tradeoff** [RPS19]. **Trading** [BHM94, BHM96]. **Traffic** [VT19, Zah12]. **Training** [CSV12, RJ21]. **Transactional** [BWW+12, MFG+08, SBG+12]. **Transactions** [BWW+12, SSD+20]. **Transcoding** [LSB+18]. **Transfer** [BKGS02]. **Transfers** [THS+15]. **Transform** [YULMTS+17, KT10, DBLG11]. **Transformation** [CLA+19, EP96, NSZS13, CS19, GSMK17, HZ96, TSY00, YW21]. **transformations** [JE95, TG94]. **transformed** [BY12]. **Transforming** [PSK+10]. **Transforms** [ACMR14, KLR16, HP11, Uhl95c, Zem94]. **Transient** [SIS17]. **transistor** [Ano03]. **transistors** [Ano03]. **Transition** [MRV00]. **Transitive** [CGPR98, PPR01]. **Translating** [Mar09, NCB+12]. **Translation** [DDL00, SSE12, HCL05, LME09, NCB+17, WZW21]. **Translator** [KMK16, UZC+12, CHKK15, GScFM13]. **transmitters** [WWZ+96]. **Transparent** [CCK+95, IFA+16, NPP+00c, RVKP19, SLGZ99, LFS93a, LFS93b, LFL11, NPP+00a, SOA11]. **Transparently** [CB16]. **Transport** [KHS01, MMD98, RS97, VRS00, WR01, ZZ04, Pri14, SH94, SCJH19, WH96]. **Transporter** [Fer92]. **transpose** [Bha98]. **Transposition** [HD02b]. **Transputer** [Ara95, ACDR94, CJNW95, FK95, FF95, GN95, GHH+93, MC94, dGJM94, ZPLS96, Ara95, CJNW95, GHH+93, dGJM94]. **Transputers** [ACDR94, AGR+95b, dCH93]. **Transtech** [Ste94]. **trap** [LBB+16, SSB+16, YSVM+16]. **TRAPPER** [KFSS94, SSKF95]. **travel** [SSS99]. **travel-times** [SSS99]. **traveling** [GM94]. **traversing** [BDG+92b]. **TreadMarks** [LDCZ97]. **Tree** [DAD19, GPC+17, MB21, ADB94, AB13, BCAD06, CG93, SGS95, Zah12]. **Tree-based** [MB21]. **Trees** [CDPM03, GFJT19]. **Trends** [Duv92, IEE93d, MBS15, JPTE94, SGDM94, Sun96]. **Trial** [DSU20]. **Triangle** [SL94a, SOA11]. **Triangular** [Hog13, MRB17]. **triangulated** [Dab19]. **Triangulation** [CWL+20]. **tricks**

CDND11, DKD05, D+91, DHHW92, DHHW93a, DLM99, DKP00, DLO03, FCLG07, GBD+94, GN95, KGRD10, KCP+94b, KOW97, Kra02, KKD04, LKD08, MC94, MTWD06, NPP+00c, Nov95, NMC95, Per96, RWD09, TBD12, XF95, ZWZ05, Ano95b, BBB+94, BDW97, KCP+94a, LRG+16, RSC+15, Reu01, Wil94, BBH...13a]. **User-Level** [DHHW92, DHHW93a, KCP+94b, KOW97, NPP+00c, XF95, ZWZ05, KCP+94a, LRG+16, BBH...13a]. **Users** [Ara95, CHD09, KQT+21, HJB+21]. **uses** [SH96]. **Using** [AR01, ADRCT98, AHP01, And98, AP96, Ano95e, AKE00, AZG17, AB93a, BST+13, BPMN97, BG95, BS93, BKGS02, BM97, Bon96, BBC+00, BBH12, CGC+11, CRE99, CMM03, CP97, CSPM+96, CJvdP08, CC17, Che99, COE20, CCSM97, CDM93, CCHW03, CRGM14, CT94a, CCBPGA15, CD98, DeP03, DARG13, DDN+22, DAK98, DGMJ93, DGH+19, EM02, EMO+93, ESM+94, EK97, FAFD15, FD04, FDG19, FTVB00, FS93, GGCM99, GCGS98, GTH96, GM95, GK97, GS96, GSYT21, GMPD98, GHL97, GJN97, GLS94, GLT99, GLS99, GLT00b, GLT00a, Gro19, HB96b, HSMW94, HJ98, HLP11, HD00a, HT08, HRSA97, HT01, IOK00, IDD94, IKM+01, JFGRF12, JPP95, KB98, KOI01, KKV01, KF16, KS96, KA13, LLRS02, LTR00, LRT07, LTRA02, LFS+19, LY93, LLY93, LZ97, LSB+18, LAFA15, MK17, MTSS94, MPD04, MR12]. **Using** [MSCW95, MANR09, MBB+12, MSB97, NO02b, NIO+02, NIO+03, Neu94, NH95, NA01, OM96, OCY+15, OWSA95, PWP+16, PK98, PPT96c, POL99, PT01, Per99, Pet97, PBK00, PD98, PGF18, Pus95, QRMG96, QMGR00, RR00, Reu03, RRBL01, RLVRGP12, RLL01, RRG+99, SAS01, Sev98, SSAS12, SP99, SA93, Smi93a, SBR95, STV97, SMOE93, SSB21, Sta95b, ST17, SKH96, SCL01, SJK+17a, SJK+17b, TS12a, TSB02, TSB03, TSN21, TK16, TBB12, Tha98, Tra98, Tsu07, VLO+08, WO95, Wal01a, WTS19, WJ12, WLR05, Wis97, Wis01, WMC+18, WLYC12, YKW+18, ZWLZ21, ZCBD22, ZBd12, van97, vdLJR11, vdP17, AMHC11, ASAK19, AK99, ABF+17, AL96, ADT14, ABG+96, AB93b, AGIS94, AGG+95, BV99, BBC+19, BFLL99, BAE22, BSC99, BDG+92c, Bic95, Bis04, BCM+16, BTC+17, BCD96, BID95, BAG17]. **using** [BSH15, BMG07, CJPC19, CPM+18, CG93, CBM+08, CBYG18, CdGM96, CS14, CLBS17, CT94b, CC00b, DG95, DMK19, DS13, DS22, DRUE12, DSOF11, DCH02, DM12, EGDK92, FB96, FSV14, FSC+11, Fin94, Fin95, FHC+95, FWS+17, GGGC99, GSMK17, GG09, Goe02, GFB+14, GMU95, GM18, GRTZ10, GADM20, HB96a, HDDG09, HTJ+16, HP11, HPS+96, HPLT99, HASnP00, Hol95, HLO+16, HAA+11, IJM+05, IM95, IKM+02, JL18, JKN22, JF95, JPL22, JKHK08, JLS+14, JJY+03, JJM+11, JPT14, JR10, JMdVG+17, KFA96, KRKS11, KY10, Kat93, KJJ+16, KR09, KMK16, KME09, KMC96, KMC97, KRC17, KMM15, KD13, KPK13, LP00, LSG12, LSSZ15, LHZ+20, LCY96, LSVMW08, LCMG17, LO96, MMR99, MP95, Mar06, MSMC15, MNYN21, MAB05, McK94, MKP22, MM11, Mic93, Mic95, MRH+96, MMM13, MSML10]. **using** [MS95, MM14, MC99, MvWL+10, NO02a, Nak05a, NZZ94, NB96, NAJ99, NU05, OKM12, OIH10, Ols95, OHG19, Pat93, PDY14, PGdCJ+18, PSV19, PNV01, PKE+10, QRG95, RJC95, RAS16, RCFS96, RBAI17, RM99, RCG95, SHLM14, SdM10, SLGZ99, SSN+21, SGS95, SSS99, SMS00, SOA11, SVC+11, SSGF00, SBB20, SOYHDD19, SFLD15, SSN94, SU96, SP11, Stp18, Stp20, TC94, TPLY18, Tsu95, Uhl94, Uhl95b, UH96, VM94, VB99, VGS14, VM95, WO96, Wal01b, WCS+13, WCVR96, WST95, WMRR17, WRMR19, WADC99, Wor96, WYLC12, XF95, XJR21, XR21,

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