

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

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G [LTH⁺99]. **Gain** [GWP93]. **Galactica** [CDMW94]. **gap** [Kar98]. **garbage** [Phi00a]. **García** [Han00, Leó00]. **Gate** [Woo91]. **Gate-level** [Woo91]. **Gateway** [HAFY00]. **GEC** [RIST00]. **General** [AAB⁺93, CGM⁺97, DM98, FF97, LF98]. **generalized** [ZK99]. **generated** [Hin97]. **Generation** [HWPG92, LZM97]. **generator** [CP98]. **generic** [FDC99, HSvdL⁺96, MJC99]. **Genesis** [AAB⁺93, HHGW95]. **genetic** [AD95, MF94]. **geographically** [BGKR99]. **geophysical** [JPK98]. **Global** [BWA94, DHN93, Lap92, SBBG89, AISS97, CRS98, JJ96, NBK⁺00, SS95, Wu97, XW00]. **GLU** [JDA97]. **gradient** [Han98]. **grain** [BBC⁺97, LFA98, The96]. **grained** [HHKP97, PH00a]. **Grande** [Fox00a, Fox00b, Fox00c]. **granular** [JDA97]. **Graph** [Boi90, RM91, GM00]. **Graphs** [HS90]. **Grid** [HWPG92, DW97, LSF97, LK96]. **Grids** [HWPG92, HBG00]. **group** [JCS98]. **groups** [WMC98].

H [AM00b, LTH⁺99]. **H-SWEB** [AM00b]. **Habanero** [DAB97]. **halo** [PRA00]. **halos** [Ben00]. **Handling** [Ada91]. **Handwritten** [JMM90]. **Hardware** [Gra91]. **harmonic**

[RG00]. **Harness** [CW91]. **HDF** [MLF97]. **health** [BCF⁺97]. **Heat** [MP93]. **Hector** [RRG⁺99]. **Hermitian** [WCB91]. **heterogeneity** [HS94]. **Heterogeneous** [BD93, NQ93, SMS00, HLA95, LAKL00, Lil95, MMV98, WB95b, WG95, YC97]. **heuristics** [CMF97]. **hiding** [Tog97]. **hierarchical** [AM00b, ZS94]. **High** [Dem91, FFH⁺93, GHM98, Gor93, HV93, HBKR96, ZS94, AFH98, BDOP95, BS94b, BGKR99, BSW⁺00, CL97a, Fox98, GFS99, HPPF94, JDA97, OP99, RGSB94, SBD⁺96, SSG97, YSP⁺98]. **High-level** [Gor93, BDOP95, JDA97, OP99]. **High-performance** [Dem91, FFH⁺93, GHM98, HV93, HBKR96, ZS94, BS94b, BGKR99, CL97a, Fox98, GFS99, HPPF94, YSP⁺98]. **Highly** [Zom92]. **Histogram** [GOJ89]. **Hopping** [Wu95]. **HP** [CCF⁺97]. **HPC** [BCE⁺99]. **HPC** [CFLH99]. **HPF** [Ben00, Bri00, OP99]. **HPJava** [CZF⁺98]. **hull** [DT98]. **hybrid** [ARS00, LZM96, NR00]. **Hybridizing** [PRA00]. **Hypercube** [ALV⁺91, BR89, Dun92, ZS94, ZK99]. **Hypercubes** [HR92, ZS93, Han94a, Wu97]. **hypothesize** [Lin97]. **hypothesize-verify-extend** [Lin97].

I-WAY [FGN⁺98]. **I/O** [WC00]. **IBGF** [BMA97]. **IBM** [BFFL97, BRSR93]. **IceT** [GS97b]. **Identification** [BC91, LF91, Lin97]. **idling** [YQ95]. **II** [Fox97b, WWD92]. **III** [Gra91]. **Image** [CP92, FHC98, JT96, LZM97, MCB⁺99]. **image-processing** [FHC98]. **Images** [LF91, MT91, ND94]. **Imbalance** [MR91]. **implement** [KP98]. **Implementation** [ALV⁺91, AH91, CSTG92, CP92, EE95, MF93, ST92, WDW91, AHS93, AAFG94, ANH00, BS94a, BDL00, BS94b, BB00, CGM⁺97, DD00, IKY⁺00, LHMZ00, LRN97, Lin97, MCB⁺99, NASW98, SB99, SCL97, SU96, WJH⁺97]. **implementations** [DT98, JT96, JL95, VO98b]. **implemented** [DAB97]. **implementing** [ACF99, DHS99, HW00]. **implicit** [BG97a]. **Incompressible** [AMP⁺91]. **incremental** [CLMP95]. **Index** [Ano95, Ano96, Ano97, Ano98, SS95]. **Indigo** [KAS98]. **Industrial** [vR89, Bak99b, BCE⁺99]. **information** [Kea96, SS97]. **infrastructure** [BKKK98, FGN⁺98]. **Initial** [ST92]. **injured** [Wu97]. **Inmos** [CW91]. **Inspection** [Mir91]. **inspired** [TDB00]. **instruction** [AGW97]. **Instructional** [LA95]. **Instrument** [DTY91]. **Instrumentation** [MO91]. **integer** [MRR⁺96, YTY00]. **integer-reference** [YTY00]. **Integrals** [Lap92]. **integrated** [CSS98]. **Integrating** [BR00, CF96, CFLH99]. **integration** [AA97, SBS93]. **Intel** [BH92, HLJTZ94, TFB94]. **intensity** [AW97]. **Interactive** [HNS97a, KMT93, CFLH99, Dav97]. **interactive-oriented** [Dav97]. **interconnected** [Lil95]. **Interconnection** [ZW93, The96, ZK99]. **Interface** [TDB00, Bak00, CFKL00, CvE00, FTT97]. **interface-based** [Bak00]. **interfaces** [WJH⁺97]. **Internet** [CCI⁺97, ZTLV98]. **Internet-based** [CCI⁺97]. **interoperability** [BDV⁺98]. **interpretation** [AGW97, ND94]. **Inverse** [BV00]. **Invocation** [RWB97, TTK98, vNMB⁺00]. **IPSC** [HHGW95, BH92, BR89]. **iPSC/2** [BR89]. **IPSC/860** [HHGW95, BH92]. **irregular** [Ben00, HASnP00, Wu95]. **Irregularly** [Yan00, EAK00]. **Issue** [Bak99c, Bak00, BC00, Fox00a, Fox00b, Fox00c, Yan00, Gue00]. **issues** [AISS97, NBK⁺00, PA95]. **Iterated** [HS90, RR99]. **Iterative** [ST92, CHMZ94]. **Jacobi** [GHvdGV97]. **Jacobians** [ZM92].

Jade [Rin98]. **Jaguar** [WC00]. **Japanese** [JMM90]. **Java** [Fox00a, Fox00b, Fox00c, CCF⁺97, AFH98, AISS97, AGD97, ANH00, Bak00, BKKK98, BCF⁺97, BG97a, BVG97, BG97b, BSS98, BDP⁺98, BDV⁺98, BK97, BSW⁺00, CKV98, CZF⁺98, CGJ⁺00, CFKL00, CDD97, CCCL97, CvE00, CC97b, CCI⁺97, CL97a, CL97b, Cla97, Cow98, Dav97, Dem98, DF97, DAB97, EKR97, Fer98, FTT97, Fox97a, Fox97b, FF97, FLQZ97, Fox98, GHM98, GPO98, GTV98, GS97b, HNS97a, HW00, HN00, HYI98, HAKN97, HNS97b, IKY⁺00, ICB00, JPK98, JK00, KB98, KP98, MLF97, NM00, PH00a, PS00a, PZ97, PG00, PHN00, Pug00, RWB97, RBF98, RSH97, SHW98, SS98, SRW⁺00, SMS00, SGB97, SHGD98, Sta00, TMN⁺98, TDB00, VO98a, WCL97, WC00, YC98, YSP⁺98, YC97, YTY00, ZTLV98]. **Java-based** [AFH98, AISS97, DAB97, YC98]. **Java/CORBA** [SRW⁺00]. **Java/CORBA-based** [SRW⁺00]. **Java/DSM** [YC97]. **Java/HPC** [BDV⁺98]. **JavaNOW** [TDB00]. **JavaParty** [PZ97, PH00b]. **javar** [BVG97]. **JavaScript** [DF97]. **JavaVM** [KG97]. **Javelin** [CCI⁺97, NBK⁺00]. **Javia** [CvE00]. **JET** [PSS97]. **JNI** [GGS00]. **JNI-wrapped** [GGS00]. **Job** [HS90, vL99]. **jobs** [YQ95]. **join** [ARS99, BMAT97]. **JPVM** [Fer98]. **JSPICE** [SHGD98]. **JTED** [Cow98]. **Just** [CL97a, KG97, IKY⁺00]. **Just-in-time** [CL97a, KG97, IKY⁺00]. **JWarp** [BSS98].

Kan [JS00]. **Kanerva** [HKSK97]. **Kernel** [CDL⁺93, ACF99, Dav97]. **Kernel-Kernel** [CDL⁺93]. **kernels** [MR98a]. **Kit** [CKH91]. **knapsack** [MRR⁺96]. **knowledge** [DM96]. **knowledge-based** [DM96]. **KSR1** [CB96]. **Kutta** [RR99].

L [Han00, Le600, BDOP95]. **Label** [Mir91]. **Laboratory** [DF97]. **language** [BDOP95, FF97, GS98, Han94b, LAKL00, LHMZ00, Per92, RR96, VNL98, vRvGS97]. **Languages** [DRW90, BR00, Phi00b, SU96]. **LAPACK** [Dem91]. **Large** [JPK98, JMM90, LL96, ST92, Wal90, WCB91, ASLV95, DD94, KSN97, MPR95]. **Large-scale** [JPK98, JMM90, LL96, ST92, Wal90, MPR95]. **latency** [CDMW94, Tog97, WRMB98]. **Lattice** [BRSR93]. **leaks** [PS00a]. **León** [Han00]. **Letter** [Han00]. **Level** [Bru92, Fox89, BDOP95, BG97b, Gor93, HHKP97, JDA97, KAS98, OP99, SCL97, Woo91, CGM⁺97]. **Levels** [MK93]. **libraries** [BDP⁺98, CDD97, GHM98, GGS00, Han00, HN00, Le600, RSLG99]. **Library** [Dem91, BSS98, PD99, PS00b, SGB97]. **like** [CGJ⁺00]. **limitations** [HN00]. **Linda** [BWA94, LA95, TDB00]. **line** [GESV98, ZM92]. **Linear** [Dem91, Fid97, Whe91, CDW96, CWB94, DD94, Han98, HW96, Kon99, TFB94]. **Link** [JM89]. **listen** [CRS98]. **Load** [Boi90, MR91, RR97, Wil91, AGMM94, BAGGB99, CYL95, CD99, HBE98, LL95, LLL98, LL99, MO95, MGG00, Nak99, SS95, SS97, SCL97, Tär94, Tog98, VO98b, WB95a, Wu97, XMLL95]. **load-balancing** [AGMM94, CYL95, WB95a, XMLL95]. **Local** [Ger90]. **localities** [CS95]. **Locality** [PH00b, TSH98]. **Locally** [DHN93]. **locking** [Nas99]. **logic** [SU96]. **Longitudinal** [TV90]. **Loop** [SF93, NHZ96]. **Loosely** [MF92, vL99]. **low** [HHKP97, KSK00, The96]. **low-cost** [The96]. **low-level** [HHKP97]. **LPVM** [ZG98]. **LU** [DD00, van90]. **LU-decomposition** [van90]. **Lyapunov** [CH99].

Machine [JM89, RM91, ANH00, WB95b, YTY00, AM91, Ber94, MT91, SW91, ZS93]. **Machines** [BSS91, ST92, TDD93, AGW97, CHB98, CP98, HHKP97, Han94a, LFA98, YC98].

Macromolecular [MRCH⁺93]. **magnetostatic** [LGFK99]. **management** [Ahm95b, Ahm95a, BFFL97, BSD94, CHMZ94, Hin97, TKKN94]. **Manager** [NR94]. **Managing** [BGKR99]. **Manifold** [AHS93]. **Manipulators** [MF93]. **manual** [MJC99]. **manufacturing** [AA97]. **many** [ZP99]. **mapping** [CE95, CMF97, HD96, PdOG99, UTS00, YTPS95]. **Mappings** [ZS93]. **Markov** [MR96]. **marshaling** [CFKL00]. **MARVIN** [RPB91]. **MasPar** [GS97a]. **Massive** [TSV94]. **Massively** [Hel93, dR93, GLV96, Kon99]. **matching** [AW97]. **math** [SGB97]. **Matrices** [WCB91, TSH98]. **Matrix** [CDW94, HLJTZ94, Cho98, LSF97, PRA00, SGB97, TSH98, vdGW97]. **Means** [Zim91, PH00b]. **measure** [SS96]. **Measurement** [SDT91, NM00]. **measurements** [MMV98]. **mechanism** [Nas99, RWB97]. **Mechatronics** [Epp91]. **Memory** [BP92, BSS91, GOJ89, LDP89, MR91, MRCH⁺93, MPS93, dMP92, AAB⁺93, CDL⁺93, CDW94, Cho98, CHMZ94, CP98, DD94, EE95, GOM00, HKSK97, HHGW95, JJ96, Kar98, KSN97, Lap92, LRN97, LZM96, LFA98, MF94, PA95, PS00a, Pir97, PS00b, Pug00, Tär94, XLD97, Tog98]. **Mentat** [GWP93]. **Mesh** [Wil89, Wil91, CT00, GHvdGV97, MJC99, MMN95, SB99]. **meshes** [CYL95, DMM98, LK96, MO95, WB95a]. **Message** [AW97, CPV93, DHN93, DD97, KK90, BWM98, CGJ⁺00, CSS98, CH99, GGS00, Han00, Kar98, KSAC95, Leó00, LZM96, PS00b, RRMA99, RSLG99, WRMB98, Bak00, TDB00]. **Message-passing** [CPV93, DHN93, DD97, KK90, BWM98, CSS98, KSAC95, LZM96, PS00b, WRMB98]. **message-passing/shared-memory** [LZM96]. **metacomputer** [vL99]. **metacomputing** [ARS97, BFFL97, CKV98, FGN⁺98, JCS98, PSS97]. **Method** [BRSR93, RWB97, WWD92, WD92, DD94, DM96, GHvdGV97, KSN97, TTK98, VSKN96, vNMB⁺00]. **Methodology** [FSDC99, Han93a, ST89, Han00, Leó00, RSLG99, XW00, AAB⁺93]. **Methods** [PDH91, PdOG99, RR97, RR99]. **Metrobridge** [RCZM91]. **micro** [ACF99]. **micro-kernel** [ACF99]. **microkernel** [AC98]. **Migrant** [MR98b]. **migratable** [TMN⁺98]. **Migration** [AMB⁺93, CP95, HBE98, SCL97]. **MIMD** [AB98, AGW97, AG98, CHMZ94, MRCH⁺93, ST92, TSV94]. **minimum** [PRA00]. **Mission** [DTY91]. **mixed** [SK00]. **mobile** [ICB00, XW00]. **Model** [FFH⁺93, Han93a, Han93b, BDV⁺98, Dav97, KSS⁺96, Kon99, LF98, MCB⁺99, Pug00, vNMB⁺00]. **modeling** [AGMM94, BMR⁺00, BWM98, Fox97a, Fox97b, FF97, GS97a]. **modelling** [NA96]. **Models** [BC91, RRMA99, Wal00]. **Monitor** [WJC93]. **Monitoring** [ZW93, GESV98]. **Monitors** [KP98]. **Monte** [MR96, SK00, VSKN96]. **Monte-Carlo** [MR96]. **motion** [KSK00]. **Motzkin** [Fur96]. **Movement** [BF92a]. **MOVIE** [FFH⁺93]. **MP** [CRM94, GS97a, RR96]. **MP-2** [GS97a]. **MPE** [BGL92]. **MPI** [TDB00, CGJ⁺00, CFKL00, Man98, PS00b, RRG⁺99, WO96, Wal00]. **MPI-like** [CGJ⁺00]. **MPJ** [CGJ⁺00]. **MPOOL** [PD99]. **MPP** [MR98a]. **Multi** [Bat91, BT93, HWPG92, JM89, MR91, MBS91, ARS99]. **Multi-block** [HWPG92]. **Multi-computers** [Bat91]. **multi-join** [ARS99]. **Multi-processor** [MR91, MBS91]. **Multi-scale** [Bat91]. **Multi-Transputer** [JM89, BT93]. **multibody** [PS96]. **multicast** [AC98]. **Multicomputer** [MF92, van90, DV94, GH95]. **Multicomputers** [Han93a, SBBG89, WJC93, MGG00, Tär94]. **Multidimensional** [Lap92, MT91, BV97].

multidisciplinary [KWB⁺99]. **Multilevel** [Gra91, BS94a, GAM⁺00]. **Multiparadigm** [FS98]. **multiple** [CS95, CF96, vL99]. **Multiplication** [CDW94, Cho98, HLJTZ94, LSF97, vdGW97]. **multiply** [TSH98]. **Multiprocessing** [The96]. **Multiprocessor** [ABMR91, BP92, BR89, CDL⁺93, KK90, Lap92, LDP89, RPB91, ZW93, ARS99, ARS00, GOM00, YTPS95]. **Multiprocessors** [SBW91, Whe90, Whe91, dMP92, AG98, CH99, DD94, KSN97, MF94, XLD97]. **Multiprogramming** [LDP89]. **Multiresolution** [Nak99, LZM97]. **multistage** [The96]. **multithread** [CS95, ZG98]. **multithreaded** [BGZ97]. **MUSCL** [LL96].

N [HNS97a]. **N3S** [LL96]. **N3S-MUSCL** [LL96]. **NanosCompiler** [GAM⁺00]. **Native** [GS98, HSvdL⁺96, BG97b, GHM98]. **Native-language-based** [GS98]. **natural** [WF97]. **NCSA** [MLF97]. **NCUBE** [JMM90]. **nCUBE2** [GH95]. **Near** [Whe91]. **Nearest** [XMLL95]. **Nearest-neighbor** [XMLL95]. **neighbor** [XMLL95]. **nested** [PRA00]. **net** [CB96, CDMW94]. **Nets** [Gor93]. **Network** [GS92, HTM91, JMM90, MBS91, NQ93, The96, ZW93, Zim91, AB98, ARS00, BFFL97, BKKK98, Cor98, Fer98, Fox98, GS98, NA96, TSV94, TSS98, ZK99]. **Network-based** [GS92]. **networked** [CQ95, HM95, RRG⁺99, WJH⁺97]. **Networks** [CPV93, AGMM94, BV00, CD99, DHS99, LAKL00, RGSB94, TDB00, Wei99]. **Neural** [CPV93, JMM90, AGMM94, CB96, TSV94]. **neutral** [RIST00]. **Nexus** [FTT97, TKKN94]. **Ninjet** [TMN⁺98]. **No** [GWP93]. **Nodes** [MF92]. **non** [BRTK94, SCM95, hSM97]. **non-clustering** [SCM95]. **non-periodic** [hSM97]. **non-volatile** [BRTK94]. **nonlinear** [LGFK99]. **notation** [BSP00]. **note** [BG97b]. **Notebook** [WJH⁺97]. **NOWs** [BR00]. **numbers** [PG00]. **Numerical** [AMP⁺91, ES92, Pir97, BDP⁺98, CDD97, SS98, HS94].

O [WC00]. **Object** [CFKL00, Epp91, Gue00, TBBK94, ACF99, BDV⁺98, CKH91, CSS98, HYI98, JS00, JCS98, Lin97, Phi00b, PD99, UTS00]. **Object-based** [TBBK94, CSS98]. **Object-oriented** [Epp91, Gue00, ACF99, CKH91, Phi00b, PD99]. **object-relational** [UTS00]. **Objects** [LF91, CE00, HW00, JA98, JL95, PZ97, TMN⁺98]. **observing** [JJ96]. **Occam** [Hoa91]. **Occam2** [ST89]. **ocean** [Wal00]. **OdinMP** [BB00]. **OdinMP/CCp** [BB00]. **On-line** [ZM92, GESV98]. **One** [Mes91]. **onto** [ZS93]. **Open** [FFH⁺93, Sta00]. **OpenMP** [ABC⁺00, BN00, Bri00, BC00, BB00, GAM⁺00, HASnP00, KPO00, SHPT00, SK00, Wal00]. **OpenMP/MPI** [SK00]. **Operating** [ABMR91, SBBG89, WHF⁺89, TKKN94, vL99]. **operation** [Cum97]. **operational** [SBD⁺96]. **operations** [BI98, HDF00]. **Optimal** [JH00, TV90, HBE98]. **optimisation** [CB98, GRS⁺97]. **Optimization** [KLW93, MF92, CMF97, HAKN97, LF98, PH00b, SS98]. **optimizations** [AMVA95, CL97a, IKY⁺00, WCC99]. **optimizer** [Cla97]. **Optimizing** [Ben00, BK97, CL97b]. **Opus** [LHMZ00]. **ordering** [PRA00]. **Ordinary** [Kon99]. **ordination** [Kea99, OP99, PD99]. **organization** [HD96]. **oriented** [ACF99, CKH91, Dav97, Epp91, Gue00, LRGS97, Phi00b, PD99]. **Origin2000** [Bri00]. **out-of-core** [DD00]. **Outer** [SF93, Cun97]. **outer-product** [Cun97]. **overheads** [SS94]. **overlap** [CDR99]. **overlapped** [KK90]. **overlapping** [GHSJ98]. **Overrelaxation** [dR93]. **overview** [AHS93, Per92].

P [LTH⁺99, BDOP95, Fah96]. **Package** [HS90, CSS98]. **Pain** [GWP93]. **pair** [Lil95]. **Paradigm** [Wil92, BBC⁺97]. **paradigms** [CF96]. **PARADOX** [WB95b]. **Paragon** [hSM97]. **Parallel** [AMB⁺93, AH91, AR94, BC91, Bal92, BKTJ92, BSD94, BV97, BH92, BMAT97, BS94b, Bru92, CPV93, CP92, CGM⁺97, CH99, CB96, Dag92, DRW90, DCGC92, DT98, DHN93, DMM98, FHC98, Fox89, Fox91a, GOM00, Gor93, HSK97, Han93b, HS90, HWPG92, Hel93, Kea96, KMT93, KK90, KP91, LRN97, LGFK99, LZM96, LZM97, MPR95, MK93, MF93, MW98, Mes91, MPS93, MGG00, ND94, Per92, RM91, RR99, SBBG89, SB99, SSB92, Sun90, TDD93, Tog97, Tog98, TSH98, VBFW91, Wal90, WF97, WKE98, WCB91, Whe90, Wil89, ZP99, dR93, Ahm95b, Ahm95a, AW97, AAFG94, AG98, BDOP95, Bak00, BFFL97, BN00, BR00, BSS98, BCE⁺99, CP95, CC97a, CZF⁺98, CCCL97, CT00, CF96, CDW96, Cho98, CCI⁺97, CYL95, CD99, CWB94, CB98, Cow98, CQ95, Cun97, DD94, DD00]. **parallel** [DF97, DR99, DM98, DW97, EE95, Fah96, Fer98, FSDC99, FF97, GM00, GRS⁺97, GLV96, GHM98, GARR00, GJGC96, GESV98, Han94b, HMLM95, HD96, HG99, HSvdL⁺96, HM95, HHA96, ICB00, JPK98, JDA97, JJ96, KB98, KSS⁺96, KSK00, Kon99, LL96, LAKL00, LSF97, Lin97, LTH⁺99, LF98, MR98b, MP96, MRR⁺96, MCB⁺99, MJ96, NHZ96, NA96, NQ93, NASW98, PdOG99, Pir97, RPL96, RG00, SMS00, SSS98, SU96, hSM97, SS96, TMN⁺98, TDB00, TFB94, VNL98, Wad99, WG95, WDT⁺99, XMLL95, XLD97, XW00, YC98, vNMB⁺00, vRvGS97, CDW94, Gra91, JR92, ZHS99]. **Parallel-Processing** [SSB92]. **parallelisation** [MJC99]. **parallelising** [BMT96]. **Parallelism** [MBS91, RSLG99, Wil92, BG97a, BR00, DM96, GAM⁺00, HM98, KWB⁺99, LFA98, SHPT00, Han00, Leó00]. **Parallelization** [LK96, SF93, BG98, CLMP95]. **parallelized** [HM98]. **Parallelizing** [VSKN96, WWD92, WD92, ADG96]. **parameterized** [Fur96]. **parameters** [SS97, ZP99]. **ParaPART** [CT00]. **PARLOG** [ST89]. **PARSE** [GJGC96]. **Part** [WWD92, Bak99b, AAB⁺93, HWPG92, HHGW95]. **partial** [TFB94]. **Particle** [BD93, Dag92, MO91, SMC92, Wal90]. **Particle-in-cell** [SMC92, Wal90]. **partitioned** [BMAT97]. **Partitioning** [HD96, Lil95, MO95, YTPS95, BS94a, CT00, CQ95, PA95, WG95]. **Passing** [TDB00, Bak00, BWM98, CGJ⁺00, CPV93, CSS98, CH99, DHN93, DD97, GGS00, Han00, Kar98, KSAC95, KK90, Leó00, PS00b, RRMA99, RSLG99, WRMB98]. **passing/shared** [LZM96]. **patterns** [EAK00, PS00a]. **PB** [CDW96]. **PB-BLAS** [CDW96]. **PDE** [WB95a]. **PDEs** [HHA96]. **6000** [BRSR93]. **860** [BH92, HHGW95]. **authentication** [Sch99]. **Balance** [AH91]. **C** [KPO00]. **CCp** [BB00]. **computation** [CDR99]. **CORBA-based** [SRW⁺00]. **DSM** [YC97]. **ESP** [WGC93]. **HPC** [BDV⁺98]. **HPF** [WCC99]. **IP** [DHS99]. **Java** [BBC⁺97]. **MPI** [SK00]. **NASA** [DTY91]. **shared-memory** [LZM96]. **Performance** [AB98, AGMM94, AH91, ARS00, BH92, BN00, BRTK94, BWM98, GS97a, Hel93, HN00, HYI98, JT96, JR92, LF98, NA96, NM00, PFS⁺93, SMC92, hSM97, WJC93, Wal90, WHF⁺89, Wil91, ALCG95, AFH98, AR94, BS94b, BDV⁺98, BGKR99, BSW⁺00, CL97a, CS97, DV94, Dem91, DBRF96, DD97, DM98, Fah96, Fox98, FFH⁺93, GHM98, GFS99, HV93, HPPF94, HBKR96, HASnP00, HHA96, JK00, JDZW99, MR98a, NHZ96, RPL96, SBD⁺96, SK00, SSG97, VNL98, WDT⁺99, YC98, YSP⁺98, ZS94]. **periodic** [EE95, hSM97]. **Person** [Mes91]. **Personal** [Hoa91, BV00, ZTLV98]. **Petri** [Gor93]. **Physical** [Fox91b, MF92]. **physics**

[WCL97]. **PIC** [CC97a]. **Pipeline** [AMVA95]. **pipelined** [AGW97, KSAC95, NA96]. **pipelines** [FSDC99]. **placement** [KB98]. **Plasma** [SMC92, Wal90]. **platform** [HSvdL⁺96, HHA96, YC97]. **Pleiades** [WGC93]. **Pleiades/ESP** [WGC93]. **PNPACK** [RSH97]. **pointers** [Dem98]. **Poisson** [Boi90, dMP92]. **Policies** [PFS⁺93]. **policy** [SS95]. **poly** [LSF97]. **poly-algorithm** [LSF97]. **polyhedron** [Fur96]. **popular** [HYI98]. **Portability** [RPL96, GGS00]. **Portable** [AAF94, ADG96, AG98, Dem91, KP91, Man98, BB00, CS97, MCB⁺99, Tär94, Wad99]. **Porting** [BP92, BCE⁺99, HASnP00]. **POST** [ABC⁺00]. **powerful** [VSKN96]. **PowerPC** [HSvdL⁺96]. **Practical** [JM89]. **Practice** [Han00, Leó00, BK97, LSS00, MMV98, MJC99, RPL96]. **PRAM** [LSS00, LRGS97]. **Preconditionings** [Bru92]. **predictability** [RPL96]. **Predictable** [DHS99]. **Predicting** [RRMA99, HHA96, WDT⁺99]. **prediction** [JDZW99, SBD⁺96]. **presence** [YTPS95]. **preservation** [LA95]. **Price** [PNRC90]. **Prime** [ALV⁺91, AMVA95]. **Primitives** [HR92, SBBG89]. **priority** [Man98]. **probabilities** [RSH97]. **Problem** [DCGC92, AD95, BA98, Ber94, CMF97, GRS⁺97, MRR⁺96, NASW98, WLR⁺00]. **problem-solving** [WLR⁺00]. **problem-space** [AD95]. **Problems** [KABG⁺91, Yan00, Ahm95b, BS94a, LGFK99, Pir97, Wu95]. **process** [AA97, CP95, EAK00, HG99, LSF97, MR98b, WMC98]. **processes** [Ada91, KSS⁺96]. **Processing** [CP92, SBH95, SSB92, VBFW91, CD99, CQ95, FHC98, GTV98, HG99, Kea96, LZM97, MCB⁺99, MB99]. **Processor** [BKU91, ES92, LL95, MR91, MBS91, MMN95, NR94, PdOG99]. **processors** [CS95, GHvdGV97]. **Product** [Mir91, Cun97]. **profiling** [Tog97].

Program [BP92, CRM94, DRW90, Gor93, Han93b, NHZ96, PA95, SRW⁺00, Tog97, Tog98]. **Programming** [Bal92, DRW90, DF97, Gue00, Han93a, HS90, KMT93, KSAC95, KP91, NQ93, AM00a, ACF99, Bak00, BSD94, BBC⁺97, BR00, CF96, CS97, GHM98, GARR00, HHLM95, HSvdL⁺96, HNS97b, JDA97, LAKL00, LSS00, LRGS97, MR98b, MCB⁺99, SSS98, Sta00, SS96, TBBK94, VNL98, vNMB⁺00, vRvGS97]. **Programs** [AH91, EHJ⁺93, Han93a, SF93, dr93, BWM98, CP95, CL97a, Fah96, GESV98, HD96, LTH⁺99, Ols99, PH00a, RRG⁺99, SSG97, Wei99, vRvGS97]. **project** [ABC⁺00, HS94, BCE⁺99]. **Promises** [HV93]. **Prophet** [Wei99]. **Propulsion** [HS94]. **Prospects** [Fox91a]. **Prospero** [NR94]. **Protocol** [SBS93]. **Protocols** [JJ92]. **Prototype** [JJ92, AGD97, BVG97, BG98, FLQZ97]. **prototypes** [JDZW99]. **prototyping** [AFH98]. **Providing** [PH00a]. **PSEs** [SRW⁺00]. **Psi** [MJ96]. **publication** [Han94b]. **PUMMA** [CDW94]. **purpose** [DM98]. **push** [XW00]. **PVaniM** [TSS98]. **PVM** [GS92, SCL97, Sun90, ZG98]. **Pyramid** [ZS93].

QCD2 [HHGW95]. **QR** [DD00, MP96]. **Quadratic** [dR93]. **Quadrature** [Lap92]. **quantum** [SK00]. **queries** [ARS99, SBH95]. **Queues** [HS90, Man98].

Radar [BKU91]. **Radiation** [KABG⁺91]. **Radiative** [MP93]. **Radon** [HTM91]. **RAID** [JH00]. **ranking** [HHKP97]. **rapid** [AFH98]. **rate** [KSK00]. **Ray** [JR92, GH95, LRN97]. **RC5** [GPO98]. **reaching** [LP00]. **Real** [Bat91, CFMP91, TV90, VBFW91, GFS99]. **Real-time** [Bat91, CFMP91, TV90, VBFW91, GFS99]. **realizations** [HKSK97]. **Recognition**

[JMM90]. **Recognizer** [CFMP91]. **reconfigurable** [HBKR96]. **Reconfiguration** [JM89, FHC98]. **recursion** [Han00, Le600, RSLG99]. **recursive** [BS94a, CE95, GHSJ98, SBH95]. **Recycling** [HS90]. **Redistribution** [WO96]. **Reduction** [RM91]. **reference** [PS00a, RIST00, YTY00]. **references** [Dem98, LP00]. **Reflective** [TTK98]. **Region** [TDD93]. **Region-to-Region** [TDD93]. **registers** [JK00]. **Regularity** [PNRC90]. **relational** [BMAT97, UTS00, WDT+99]. **Relativity** [AAB+93]. **relevance** [BCE+99]. **Reliable** [GJGC96]. **remapping** [XLD97]. **Remote** [PFS+93, RWB97, HAFY00, PZ97, TTK98, YQ95, vNMB+00]. **Rendering** [MPS93]. **Replication** [BKTJ92]. **representation** [NHZ96, Nak99]. **Reproducible** [Ols99]. **research** [AISS97]. **resolving** [LL95, LL99]. **Resource** [ARS97, Ahm95b, Ahm95a, NR94, Hin97]. **Resource-aware** [ARS97]. **resources** [HAFY00]. **Response** [Le600]. **Restructuring** [EHJ+93, BVG97]. **Results** [AAB+93, BI98]. **RISC** [BRSR93]. **RMI** [BDV+98, PHN00, RBF98]. **Robot** [MF93, PDH91, Zom92, ZM92]. **Rock** [NHMW91]. **Rodríguez** [Han00]. **role** [CC97b]. **routines** [DD00]. **Routing** [CSTG92, CW91]. **row** [DD94]. **row-action** [DD94]. **RP3** [BF92a, BF92b]. **Run** [CP92, JM89, PA95, SBW91, OP99, RRG+99, SS97]. **Run-Time** [JM89, CP92, PA95, SBW91, OP99, SS97]. **Runge** [RR99]. **Runner'** [CFMP91].

safe [KRS96]. **Sande** [Han00, Le600]. **Santa** [BA98]. **scalability** [NBK+00, SB99]. **Scalable** [GM00, KB98, Nas99, NR94, NR00, Wu95, vdGW97]. **ScaLAPACK** [DD00]. **scale** [ASLV95, Bat91, JPK98, JMM90, LL96, MPR95, SBD+96, ST92, Wal90]. **Scanning** [Fur96]. **SCHEDULE** [HS90]. **schedulers** [GFS99]. **Scheduling** [ARS99, AGW97, Ahm95b, Ahm95a, AM00b, CS95, HLA95, RG00, SCM95, SS95, WMC98, Wei99, Wu95]. **schemas** [UTS00]. **schemes** [RR97]. **Schooner** [HS94]. **SCI** [ZHS99]. **SCIDDLE** [ASLV95]. **Science** [Han93a, Han93b, Fox97a, Fox97b]. **Sciences** [SSB92]. **Scientific** [BSS91, BMR+00, DAB97, FF97, Han94b, JA98, KK97, WJH+97]. **SCIPVM** [ZHS99]. **Scivis** [KK98]. **SDSC** [Sch99]. **SEA** [Sch99]. **Seamless** [Bak99c, MKD99, CKV98]. **search** [ND94]. **Seismic** [AMB+93, MB99, MB99]. **SEL** [SU96]. **selection** [DM98, SS97]. **Self** [HBG00, HD96]. **Self-avoiding** [HBG00]. **self-organization** [HD96]. **semantic** [LA95]. **semaphore** [HDF00]. **semi** [vRvGS97]. **semi-automatic** [vRvGS97]. **Sensing** [PDH91]. **sensitivity** [WRMB98, ZP99]. **Sequence** [AM91]. **Sequent** [AH91]. **Sequent/Balance** [AH91]. **Sequential** [BC91, Ada91]. **serialization** [CFKL00, PHN00]. **server** [AM00b, Kar99]. **service** [HG99, RGSB94]. **Set** [MPS93, CDW96, hSM97]. **sets** [AGW97]. **shaped** [HKSK97]. **Shared** [BP92, CDL+93, PS00b, CSS98, GOM00, HW00, Kar98, KAS98, KSN97, LFA98]. **Shared-Memory** [BP92, CDL+93, PS00b, GOM00, LFA98]. **shared-variable** [CSS98]. **sharing** [CD99]. **ship** [BSD94]. **side** [Cla97]. **side-effect** [Cla97]. **signal** [GTV98]. **SIMD** [AGW97, Hel93, KLV93, Kon99]. **Similarity** [Hoc95]. **simple** [LP00]. **simplex** [CB98]. **Simulated** [PdOG99]. **Simulation** [AMP+91, BD93, Dag92, ES92, Gra91, MP93, NHMW91, SMC92, Wal90, WHF+89, Woo91, Zim91, AR94, BMR+00, Cow98, EKR97, Fox97a, Fox97b, FF97, GFS99, Pir97, PS96, RG00, RIST00, VO98a, HS94, JMM90].

Simulations [Epp91, AA97, BSS98, DW97, HNS97a, TSV94, WCL97]. **Simulator** [Zim91]. **Single** [BDL00]. **sites** [vL99]. **SLALOM** [WGC93]. **Slkye** [AH91]. **small** [LK96]. **Social** [SSB92]. **Software** [FGN⁺98, PR92, ST92, ALCG95, CF96, GJGC96, Kar99, TSH98, Wad99, WLR⁺00, WKE98]. **Solution** [DCGC92, KABG⁺91, dR93, CYL95, Han98, HW96, MPR95, NASW98, TFB94]. **solution-adaptive** [CYL95]. **solutions** [Ahm95b, LL96]. **solve** [BA98]. **Solver** [dMP92, EE95, LL96, NR00]. **solvers** [hSM97, WB95a]. **Solving** [Ber94, Yan00, CH99, DD94, GRS⁺97, HHA96, PS00a, WLR⁺00]. **sort** [Han94a]. **Sorting** [Dag92, Whe90, Whe91, DM98, NA96]. **SP** [BFFL97]. **SP-2** [BFFL97]. **SP2** [hSM97]. **space** [AD95, BDL00, KSN97, Nak99]. **Spar** [vRvGS97]. **SPARCstation** [MP93]. **Sparse** [ST92, CCCL97, DD94, HKSK97, NR00, PRA00, TSH98]. **Spatial** [Wil92, GRS⁺97]. **Special** [Bak99c, Bak00, BC00, Fox00a, Fox00b, Fox00c, Gue00, Yan00]. **specific** [RR96]. **Spectral** [WWD92, WD92, BS94a, KSS⁺96]. **Speech** [CFMP91]. **Speed** [Whe91, RGSB94, HHA96]. **Speed-up** [Whe91]. **Speeding** [BKTJ92]. **speedup** [Tog97]. **spelling** [Fid97]. **SPICE** [SHGD98]. **Spin** [BC91]. **SPMD** [BWM98, HG99, HNS97b, Sta00, Wal00, Wei99]. **SR** [Ols99]. **stage** [AH91]. **starvation** [Nas99]. **starvation-free** [Nas99]. **state** [LLL98]. **static** [Ahm95b, Fah96, PH00b, SCM95]. **Stations** [Chr91]. **steering** [GESV98]. **Step** [KK90, ZG98]. **Step-wise-overlapped** [KK90]. **stitching** [MW98]. **Stochastic** [AH91]. **stock** [NASW98]. **storm** [SBD⁺96]. **Story** [Hoa91]. **strategies** [CLMP95, MJC99, MMN95]. **strategy** [Lin97]. **striping** [JH00]. **Structural** [SDT91]. **Structure** [Wil92, CC97a]. **Structured** [Yan00, BDOP95, EAK00]. **structures** [LZM97, SHPT00, ZS94]. **Study** [ZS93, AGD97, AR94, Bri00, Cun97, GFS99, HHKP97, JPK98, MGG00, SCM95, UTS00, WRMB98]. **submissions** [vL99]. **subprograms** [CDW96]. **subscript** [LP00]. **subsystem** [BS94b]. **Successive** [dR93]. **suite** [BSW⁺00]. **SUMMA** [vdGW97]. **Supercomputer** [Fox89, TFB94]. **Supercomputers** [BD93, ZS94]. **supercomputing** [FTT97, vL99]. **SuperPascal** [Han94b]. **Supersonic** [Wil89]. **SuperWeb** [AISS97]. **Support** [BSS91, BDOP95, CCCL97, HG99, HS94, HAKN97, KAS98, LK96, LFA98, OP99]. **Supporting** [BGL92, ZTLV98, GAM⁺00]. **SUPRENUM** [AAB⁺93, HHGW95]. **surface** [NHZ96]. **survey** [Phi00b]. **SWEB** [AM00b]. **Switched** [HTM91]. **symbolic** [LTH⁺99]. **Symmetrical** [Wu95]. **synchronisation** [BWA94]. **Synchronization** [DR99, Dun92, MR91, DV94]. **Synchronous** [MF92]. **Synthesizing** [CE00]. **System** [ABMR91, HS94, KABG⁺91, KK90, MT91, MK93, RPB91, SBBG89, SDT91, WHF⁺89, WGC93, AM00b, BAGGB99, CKH91, CQ95, FSDC99, FTT97, GS92, HPPF94, HAFY00, JDA97, JS00, KRS96, LAKL00, LRGS97, LZM96, Lin97, PS96, Sch99, Sta00, TKKN94, BRSR93]. **System/6000** [BRSR93]. **Systems** [BKTJ92, DRW90, FFH⁺93, MR91, MRCH⁺93, Ahm95b, Ahm95a, BFFL97, BDL00, BSP00, BRTK94, CDR99, CRS98, CT00, CSS98, CHMZ94, DD94, DM96, DV94, HLA95, HW96, HHA96, Kea96, KSK00, MPR95, MMV98, MMN95, NR94, PA95, SS96, TBBK94]. **T** [Fah96]. **T3D** [BMT96]. **tale** [HW00]. **Task** [AD95, Lin97, BR00, PdOG99, PD99, SCM95]. **Tasks** [CP92, ARS99, Li195, LLL98, OP99, SS95]. **TC2000** [SMC92]. **TCP** [DHS99]. **TCP/IP**

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CP92, RPB91, ZS93, HHKP97, WB95b].
VISO [AM00a]. **Visual** [SDT91, Zim91, BBC⁺97, JDZW99, SRW⁺00]. **visualization** [ALCG95, CFLH99, JA98, KK97, RBF98, TSS98]. **Visualizing** [PS00a, ZW93]. **VLSI** [Chr91, GOM00]. **volatile** [BRTK94].
Volumetric [MPS93]. **volunteer** [SHW98].
Voxel [Wil92]. **voyage** [BSD94]. **vs** [BI98].

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weather [SBD⁺96]. **Web** [AA97, BBC⁺97, CMM⁺97, DF97, HNS97a, HAFY00, LCLL97, PSS97, VO98a, WKE98].
Web-based [CMM⁺97, DF97, LCLL97, PSS97, VO98a].
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