

A Bibliography of Publications in *Parallel Processing Letters*

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29 May 2018

Version 1.29

Title word cross-reference

(n, k) [CL13]. 0 [GAL96b]. 1
[APY06, GAL96b, MG09, RS98b]. 2
[CFG94, DFRC01, MCDB12, MCCW15,
Pan97, PND02, RS98b, ST97]. 3
[Kru98, WGM⁺10, YKLD14]. **\$5** [SCF01]. ¹
[Sar92]. ² [GM92, TKE⁺08, Ram94]. \bar{p}_5
[NP04]. $\mathcal{P}\mathcal{L}\mathcal{S}$ [DM12]. d
[Bar93, HS96, Pel93]. $\diamond\mathcal{P}_{\text{mute}}$ [FMR05]. e
[HK95b]. ℓ [Wu95a]. K
[Ste12, AS97, GGHJ04, Gal96a, KSOK07,
NM96, San03, VP99]. L [Vid06]. N [Ste12,
AS97, IN99, KSOK07, NM96, Sto96, XUZ02].
 $O(m)$ [NTHK17]. $\Omega(\log n - k \log k)$ [Gal96a].
 p [XUZ02, ZN13]. p_5 [NP04]. $Q_{n,k,m}$ [CS13].
 t [IR16]. $X + Y$ [AG98]. Z [QRR97].

-Ary [AS97, Bar93, NM96, Pel93, Sto96,
VP99, KSOK07, Ste12]. **-based** [FMR05].
-Bijective [MCCW15]. **-CMP** [TKE⁺08].
-Complete [DM12]. **-cube**
[HK95b, KSOK07]. **-Cubes**
[AS97, NM96, Ste12]. **-D**
[APY06, MCDB12, ST97]. **-Dependent**
[GGHJ04]. **-Dimensional**
[RS98b, San03, HS96]. **-Exclusion** [Vid06].
-Free [NP04]. **-M** [Ram94]. **-nodes**
[Wu95a]. **-Polyhedra** [QRR97]. **-Process**
[IN99]. **-Processor** [XUZ02]. **-reachable**
[CFG94]. **-Resilience** [IR16]. **-Separator**
[PND02]. **-set-based** [KCH92]. **-Size**
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1-edge [CH94]. **1-Fault** [RV09]. **1-Latent**
[KY06]. **11-Step** [BB09].

2 [Hag92, Sch97]. **2-CNF** [Hag92]. **2.0** [CG98a, DLPW08]. **2012** [DMVT14]. **2D** [Fra93a, YTL92]. **2D-PARBS** [Fra93a]. **2D-Torus** [YTL92].

3D [BKT92, CM95, SC96]. **3D-grid** [BKT92].

5 [WLR95].

Abel [Gla93]. **Abel-Poisson** [Gla93].

Abstract [CFM⁺99, Her05]. **Accelerating** [MCR⁺17]. **Acceleration**

[DTST15, IKMH09, MV08b]. **Accelerator** [LCS⁺14]. **Accelerator-Based** [LCS⁺14].

Acceptance [GHF10]. **Access** [DWH⁺06, GRS07, HZW08, NA10d, TB94, VAP94].

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JL05, KBFB01, KB05, KY06, KW06, PAKM08, Ran05, SLG04, SS13, SZJK11,

Tan09, WBUW14, ABIM93, Dua93].

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[Ald03, BAS96b]. **Adjusting** [BF05].

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affine [BFCD94, CRF95, KP94, Len92].

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[PRH⁺03]. **Aggregating** [YS05a].

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[Mal97, Pel95]. **Aided** [VKS99, AD92a].

Alberto [Ano04c]. **Algebra** [AB08, Sol09b].

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[AAH14, AD02, AG98, BE03, BGK⁺98,

BSM⁺16, BOV15, BEGK00, CC17, CLM⁺16,

DF99, DDS17, Dev05, DWS15, DT00, EW11,

FS99, GMCC05, HA10, HHL⁺07, HL98b,

HT99, HLJ97, IN99, JS06, KKS00,

KOKM14, KSAOK05, LMS98, LPP01, LN05,

Mar98, MMMT12, MM16, NF06, NTHK17,

OV06, Pag13, RRM15, ST12, SMK98, SCJ⁺10, TTV00, Tsa04, VKS99, Vid06, AS92, BNKS93, BK92, CM96, DJM91, DRS96, GI94, JR96, KDK⁺93, KESH95, LM97, MB95, OW92, PB96, Pan94, Per94, PS93, ROJ94, SF91, SS92, TM93, TH94, Wan96, Wu96, Wue09, YDL91, YDL94].

Algorithmic

[BDR⁺99, OLC⁺00, ZKmST18].

Algorithms [APY06, Ano94, ACK99, AB16,

BF02, CMS99, CJN99, CG98b, DDT99,

DGT98, DFRC01, Don07, FDZ99, GGH⁺04,

GRS07, GHS97, GK03, HHKM13, HKP⁺98,

HHH⁺99, JW07, KLN04, KN06, KU09,

LSF14, LMT10, MS99, MRRV07, MGBG07,

MHKT05, MMAL06, MB98, NP04, PL11,

PND02, PADB03, Raj02, RDK00, SKN10,

SDLM18, VP98, VSS00, WSK16, XUZ02,

BM95, BCD95, CLM93, Ch192, CT94, CF95,

DH94, DDTV92, Dua93, FD92, HK95a, IR95,

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Aligned [YWJ03]. **Alignment**

[AP05, IKMH09, LMS98, DR94, KDK⁺93].

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[CKP00, PSSV02]. **All-To-All**

[APY06, FV99, CMS99]. **Allocation**

[BDG97, HW06, IÖ98, PK04, TE04, AER94,

CC93, HS93, KY96, PPRZ93, RB95].

Allocator [VH01]. **Almost**

[De 04, KN06, Pel95]. **Almost-Optimal**

[KN06]. **Almost-safe** [Pel95]. **Alternator**

[Had08, Kul07]. **Among** [CH03]. **analyse**

[AR96]. **Analysis**

[AD02, Agr99, CG97, GLMM⁺04, GRS07,

GS97, HC02, JSZM08, KOKM14, KBG⁺13,

Kra01, LCS⁺14, MMJ⁺03, RvGG01,

SBR⁺17, SMH03, WR97, WGM⁺10,

YGM97, ZHW09, Lin92, VP96, Wan96].

Analytical [AH00a, AH00b, ZSLC18].

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And-Parallelism [Mar98]. **Annealing**

[Pet03]. **Anniversary** [Akl11b].

Anonymous [CLM⁺16, DDLV17, Tur10].

Ant [DHBL06]. **Anticipated** [LM00]. **API** [CH03]. **Apostolico** [Ano04c]. **Application** [BLY⁺08, GB98, GM04, HW06, KS97, KC02, NA10b, ZHW09, Lin92]. **Applications** [AB08, AKP99, BS01, BRT09, BCL97, BDG97, CMS99, CLT13, CGS15, CLZC11, CFG04, FOCK15, FC05, FAMP12, Gar14, GP03, Ger02, GG96, HM01, HL03, IDS⁺05, KBFB01, KLJ08, KHAM04, LF14, LFJ99, MTD98, MMJ⁺03, NKCS03, NTG99, PT07, PT98, RBS15, SB12, VD03, ZMD15, Alb92, DM96, LOSZ93]. **Applied** [AIL16]. **Applying** [Mac12, TFTY05]. **Approach** [EADN06, Gam07, GS15, KWDS03, VLR⁺03, CU96, FFSY93, RP93, Xue96]. **Approaches** [AL05, BMSW04, DHBL06]. **Approximability** [CDP⁺07, SX02]. **Approximate** [HRH18]. **Approximating** [Hag92]. **Approximation** [AB16, BGK⁺06, Tur10, BCD95, DV97, FR96]. **Approximations** [BBL04]. **Arbitrary** [BD02, CM97, DWS15, Had08, ES92]. **arc** [RB93]. **arc-disjoint** [RB93]. **Archetypes** [Mas99]. **Architectural** [Gam07, DRS96]. **Architecture** [ATM01, BLY⁺08, DDS17, Fuj08, HL98b, MCDB12, MCR⁺17, MIJ16, PL11, ZS08, AD92b, GS95]. **Architectures** [ADKT12, AFN11, BGJ10, BCL97, CG98b, CRY⁺03, Mic98, PAKM08, CLZ92, CF91, DM96, DAB⁺11, Nak95a, RR91]. **Area** [PADB03, PT07, CQS09]. **Areas** [CQS11]. **arithmetic** [GW94]. **ARM** [TH13]. **ARMI** [TSS⁺06]. **arounds** [KRS93]. **Array** [CG97, DP03, ER99, LTZ98, MCDB12, QM98, RS97, YKLD14, AQRW95, Kri91, Qia95, Sto96, TM93]. **Arrays** [DT00, FUV99, GS03, HQP98, KM09, Sib02, UKY09, GW94, Gla93, IK96, Len92, Myo92, Oks95, OSZ91, PS93, RR91, Xue91]. **Artificial** [Mac12]. **Ary** [AS97, KSOK07, Ste12, Bar93, NM96, Pel93, Sto96, TM93, VP99]. **Asher** [Wan96]. **Aspects** [NA07b]. **Assessing** [BMRGR13]. **Assignment** [EB98, KU09, KN92]. **Assist** [AB08]. **associated** [DT96]. **Association** [TH13, ZN13]. **Associative** [AAH14, SW08, THAJ15]. **associativity** [DGJS95]. **Assumption** [MMRT06]. **Asymptotic** [GGV12, PT07]. **Asynchronism** [RR08]. **Asynchronous** [BIW11, GSS08, IR16, Pel06, YS05a, AJ96, Dor92, FMR05]. **ATM** [EFZ98]. **Atmospheric** [LF14]. **ATMR** [CP98a, CP98b]. **Atomic** [BF97]. **Attached** [DWH⁺06]. **Attacks** [LLC11]. **Augmentation** [JS15]. **Authenticated** [CLL16, NA07c]. **Authentication** [CLH13, LLC11]. **Author** [Ano98a, Ano99a, Ano00a, Ano01a, Ano02a, Ano03a, Ano04a, Ano05a, Ano06a, Ano07a, Ano08a, Ano09a, Ano10a, Ano11a, Ano12, Ano13, Ano14, Ano15, Ano16, Ano17]. **Auto** [CFL12]. **Auto-Tuning** [CFL12]. **Automata** [Car07, DTST15, TLHL17, Tor09, Wue09, BH96]. **Automated** [HC02, LLD⁺03, TLHL17]. **Automatic** [AB08, AGMM00, BF97, CL95, CJ01, EW13, HBL03, MRS04, MMJ⁺03, NvG95, WLW11, Fea94, GAL96b]. **Automaton** [MG09, MS09]. **Availability** [Wol99]. **Average** [CQS11, LP98, BHPS95, Kop96]. **avoidance** [Dor92, Dua92]. **Aware** [ACCLS14, BMRGR13, BK08, DDT17, FOCK15, LO09, LN05, SYR13a, ZS08]. **Axiom** [CBC03]. **Back** [HL98b]. **Back-Propagation** [HL98b]. **Background** [SCJ⁺10]. **backtrack** [KCH92]. **Bag** [FOCK15, OKL11, SB12]. **Bag-of-Task** [FOCK15]. **Bag-Of-Tasks** [OKL11, SB12]. **Balanced** [ST14, SŠZ04]. **Balancers** [KMAG01]. **Balancing** [CLR11, DEKS04, EMPF04, GC06, GT00b, MRRV07, ST12, VH00, CLZ92, XL94]. **Bandwidth** [CRY⁺03, BKT95, Pel93, VP96]. **Barnes** [BGLM05]. **Barrier** [APSF01].

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Coordinates [PPF12]. **Coordination** [GSS08, ZTS⁺16]. **Coping** [NA10a]. **Copy** [GS97, Yai08]. **Copying** [PK04]. **Core** [AFN11, BDH⁺08, DZ13, Jes08, MIJ16, SKL10, Sol09a, Sol09b, UVJ11, DAB⁺11]. **Cores** [BBG⁺11]. **Correctness** [CP98b, O'D94]. **Coscheduling** [CCA01]. **Cost** [BGK03, HC02, LM00, NF06, SMH03, ZTS⁺16, DGJS95, Gal96a, PRS95]. **cost-effective** [PRS95]. **Costs** [BCS05, Cam08, GS97]. **Count** [EFZ98]. **Counterexamples** [Akl06c]. **counters** [AR95, ADS91]. **coupled** [CF91]. **Cover** [Tur10, BCD95]. **Coverability** [BW16]. **Coverage** [DGB10]. **CPU** [GGV12, Wol99]. **CPU/GPU** [GGV12]. **crash** [GV93]. **crash-tolerant** [GV93]. **Cray** [DBK09a]. **CRCW** [Fra93a]. **CRCW-PRAM** [Fra93a]. **Create** [MCI⁺01]. **creation** [SJL94]. **CREW** [LO93]. **Cross** [SS13]. **Cross-Paradigm** [SS13]. **crossbar** [SF91]. **Crossed** [CP12, HLH⁺17]. **crosstalk** [BAS96b]. **Cryptographic** [NA10d]. **Cryptography** [NNA10]. **Cube** [HLH⁺17, KSOK07, LC14, LH02, Wu98, FU92, HK95b]. **Cube-Based** [Wu98]. **cube-connected** [FU92]. **Cubes** [AS97, CP12, DZ13, Ste12, NM96]. **CUDA** [Fuj08, WJ12]. **Current** [SFHW11]. **Curves** [ANS12]. **Cut** [Dev05, ABIM93]. **Cut-Nodes** [Dev05]. **cut-through** [ABIM93]. **Cutting** [BMSW04]. **Cutwidths** [MV04]. **Cycle** [BDDP98, MMT17]. **Cycle-Based** [MMT17]. **Cycles** [AS97, HKP⁺98, CLM93, FU92]. **Cyclic** [VRT97].

D [Kru98, TKE⁺08, APY06, DFRC01, MCDB12, MG09, Pan97, ST97, WGM⁺10, YKLD14]. **DAG** [CJ01, DDT99, DT96]. **DAGs** [CSBS95]. **DARPA** [LY07]. **Dashboard** [RGM06]. **Data** [Agr99, ADKT12, Ser01, ABNP00, AVD01, BLMR03, BGL03, BGLM05, BIL92, Bra00, Cam08, CDM⁺03, CSFK08, DDT17, DZ13, DT13, DT15, FKB⁺99, Gav08, GGS⁺15, GB98, GKS08, Guo01, GS97, HA10, HZW08, KET06, LMZ99, LF97, LTB01, MP93, MRRV07, MDAT17, Mon94, NKCS03, PP01, RBS15, Sah95, SBR⁺17, TKE⁺08, THAJ15, Tho03, XLP12, XWF93, YGM97, CU96, GAL96b, GDC94, GHSJ94, HT94, LV96, NvG95]. **Data-Center** [XLP12]. **Data-Driven** [NKCS03, TKE⁺08]. **Data-Flow** [Ser01]. **Data-Parallel** [ABNP00, BGL03, GB98, Guo01, GS97, CU96, LV96]. **Database** [NKCS03]. **Databases** [DEKS04, FKB⁺99]. **Dataflow** [CG97, MDAT17]. **Datagrid** [Sch05]. **Dataset** [PPF12]. **DatTeL** [BGL03]. **Deadline** [WSK16]. **Deadlock** [Di 00, KSAOK05, SV00, WS03, Dua92, Dua93, FD92]. **Deadlock-Free** [SV00, WS03, Dua93]. **deadlocks** [Dor92]. **deBruijn** [Sch93]. **Debugging** [Sui17]. **December** [Akl14a]. **Decentralised** [GGV12]. **Decentralized** [TT05]. **Decidability** [AMN12, KM09]. **decision** [SW93]. **Declarative** [GSS08]. **Decoders** [De 04]. **Decoding** [XU99, XUZ02]. **Decoherence** [NA10a]. **Decomposable** [SŠZ04]. **Decomposition** [BDDP98, DHBL06, LSF14, YKLD14, DV95, IR95, NvG95, Sch93]. **Decoupled** [SAJ10, Tho03]. **Defeats** [NA07a]. **defined** [NR95]. **Degree** [CK93, DLP03, Had08]. **Degree-bounded** [CK93]. **Delaunay** [LPP01]. **Delay** [BNW07, GS15, MBT15, ADS91, BHPS95, NPT95]. **Delayed** [PK04]. **Delays** [BGPT00]. **Demand** [CRY⁺03, YGM97]. **Demand-Driven** [YGM97]. **demon** [TH94]. **Denotational** [Guo01]. **Dense** [DP03, Fuj08, IT02, WJ16, MP93]. **Density** [DW07b, HTHH05, PT07]. **Departmental** [GL05]. **Dependence** [KBFB01]. **dependencies** [HT94]. **Dependency** [KRS15, JJ96]. **Dependent** [GGHJ04].

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[TE04]. **ECM** [KSHL14]. **Eden** [HHOM02]. **Edge** [DDLV17, HL99, MCCW15, RS98b, VSS00, CH94, FR96]. **Edge-Congestion** [RS98b]. **Edge-Faults** [MCCW15]. **Edges** [Pan97, Kop96, BFG⁺08]. **Editor** [FAMP12, Ano01c, Ano06g, Ano08h, Ano09f, JKRW08, JKRW09, Qiu10, Sta12, TA09a, WKRJ10, WKR11]. **Editor-in-Chief** [Ano01c]. **Editorial** [Akl11a, Akl11b, Akl12d, Akl12a, Akl12b, Akl12c, Akl13a, Akl13b, Akl13c, Akl13d, Akl14a, Akl14d, Akl14b, Akl14c, Akl15a, Akl15b, Akl15c, Akl15d, Akl16a, Akl16b, Akl16c, Akl16d, Akl17a, Akl17b, Ano97a, Ano97b, Ano97c, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano99b, Ano99c, Ano99d, Ano00b, Ano00c, Ano01b, Ano02b, Ano02c, Ano03b, Ano04b, Ano04c, Ano04d, Ano05b, Ano05c, Ano06e, Ano06b, Ano06c, Ano06d, Ano06f, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano09b, Ano09c, Ano09d, Ano09e, Ano10b, Ano10c, Ano10d, Ano10e, Ano11b, Ano11c, BET04, Cos93, Cos95, Cos96a, Cos96b, Cos97, Cos99, Cos00, Cos01, Cos03, Cos04, KBH03, YS05b]. **Editors** [Ada15, DMVT14, DT11, DT13, DT15, GK17, GK14, HGH12, WKR13, WKR14]. **Effect** [HSL09]. **Effective** [CSK00, HKP⁺98, CR95, Dua94, PRS95]. **effectiveness** [CF95]. **Effects** [HUZ06]. **Efficiency** [CRY⁺03, IR16]. **Efficient** [Ber92, BEGK00, Box09, BH93, CLM93, CDM⁺03, Dan01, DFRC01, EB98, GM03, GS99, GS03, GMCC05, HPP06, HK95b, HHH⁺99, JS18, KLN04, KH02, Mak09, Mal97, MCR⁺17, NRP⁺94, OL11, PA95, PA99, Rag98, Raj02, RBS15, SYR13a, SV93, VH01, CH96, Fra93b, GV93, Pan94, PPRZ93, RSS95, YDL94, Zar97]. **EGEE** [NDFM07]. **Elastic** [MRS04]. **Election** [DDLV17, AJ96, Tel95]. **Electromagnetic** [MKA98]. **Electron** [BCMC⁺04]. **Element** [RGM06]. **Elements** [BB09, GLMM⁺04, MB98, ES92]. **Elimination** [SMH03, PS93]. **Embeddability** [YL10, Lat91]. **Embedded** [KCPP00]. **Embedding** [AS97, Bar93, BBBL04, EM98, HP92, KMY97, LH02, MCDB12, MLY99, QM98, RRM15, RS98b]. **Embeddings** [KKC98, Lav02]. **Embodied** [HW07, Mac12]. **empty** [OSW93]. **Emulating** [MS01a]. **emulation** [LO93]. **Enabled** [JSYD07, SPA04]. **Enabling** [GM04]. **encodings** [BAS96b]. **Encounter** [NA10c]. **Encryption** [CLL16, Wue09]. **Ended** [FNP17]. **Energy** [AB16, BMRGR13, FOCK15, LO09, LN05, OL11, VDL⁺15]. **Energy-Aware** [BMRGR13, FOCK15]. **Energy-Efficient** [OL11]. **Engine** [SZJK11]. **Engineering** [Tan09]. **enhanced** [LOSZ93]. **Enhancement** [MTD98, NNA10]. **Entanglement** [NA10b]. **Enumeration** [TMKS16]. **Environment** [ABNP00, CCCV04, CSK00, ESSP01, GIK⁺99, MHC⁺04, RGM06, Vio94]. **Environments** [Agu02, AKP99, HUZ06, IDS⁺05, MS01a, MMTT12, MM16, Pel06]. **Enzyme** [FGK15]. **Enzyme-Based** [FGK15]. **equation** [Sta95]. **Equations** [BCQO99, ZLL04, CHQ96, Len92, Mon94, Oks95, Xue91]. **Equilibria** [BCBB09, DM12]. **Erasure** [PT07]. **EREW** [DH94, DF99, De 04]. **Eridis** [OL11]. **Errata** [Akl06a]. **eskimo** [Ald03]. **Establishing** [BS01]. **Estimation** [GV03, MMAL06, OKL11, KP94, PBKP92]. **Euclidean** [BIL92, PA95]. **Euler** [CDSS93]. **Euro** [KBH03]. **Euro-Par** [KBH03]. **Evaluating** [Cam08, FZL⁺16]. **Evaluation** [BDH⁺08, DW07a, Her05, HRH18, KSHL14, Kru08, LG97, LGCH99, Lou01, MMAL06, OTK15, SYL95, SS05, Sol09b, SAJ10, Tho03, Alb92, ABIM93, SSSM93, YTL92]. **Evaluations** [KW06]. **Even** [SŠ03]. **Eventual** [MMRT06]. **Evolution** [SZH14].

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Fully [AKPSR16, TH94]. **Fully-Connected** [AKPSR16]. **Function** [KW06, GI94, JR96]. **Functional** [BL08, DRS96, Gav03, GL05, HL02, LCK02, Lou01]. **Functions** [AH00a, AH00b, Akl03, Nit02, BNKS93, Gal96a, NR95]. **Further** [HUZ06]. **Fusing** [ATM01]. **Fusion** [PMW⁺12, WBUW14]. **Fusion-Driven** [PMW⁺12].

G [LTB01]. **Game** [BCBB09]. **Games** [DM12]. **Garbage** [AKP99, PK04]. **Gate** [FGK15]. **Gates** [SX02]. **Gathering** [BGK⁺06, CF93]. **Gene** [SZH14, KBG⁺13]. **General** [BGJ10, NTHK17, SAJ10]. **General-Purpose** [SAJ10]. **Generalising** [Xue96]. **Generalization** [CS13, KP96]. **Generalized** [BCQO99, DA93]. **generate** [TM93]. **Generating** [BEGK00, GS94a, Her05, Sto96, Tsa04, AS92]. **Generation** [EW13, LBD⁺14, Pag13, TLHL17, VP99, VRT97, WLW11, CL95, ES92]. **Generations** [EW13, KBG⁺13]. **Generative** [KB05]. **Generator** [KOKM14]. **Generic** [Ger02, GB98, Nit05]. **Genes** [GLMM⁺04]. **Genetic** [CG98b, LN05, VKS99, DDTV92]. **genome** [ZN13]. **genome-wide** [ZN13]. **Genomic** [SZH14]. **Gentle** [GSS08]. **Geometric** [Akl06a, Akl06b, DPS00]. **GFFS** [GMK13]. **Given** [EFZ98]. **Global** [ATM01, CBC03, CLH13, PS98, AR95, BH93, GMK13]. **Go** [KE00]. **Gödel** [AMN12]. **Gossiping** [FPP98, HS96, HKP⁺98, RS96, SŠ03, FY93, LR93]. **Göttfert** [ST12]. **GPGPU** [BCL12].

GPU [EW11, EW13, GZW16, GGV12, LMT10, MG11, MV08b, SKN10, SHBG14, WJ16]. **GPU-Based** [LMT10]. **GPUs** [DZ12, IKMH09, LF14, Mer15, WJ12]. **graded** [FDFR93]. **Gradual** [BM97]. **Grained** [Box09, CD99, CSBS95, GG96]. **Grammar** [BW16]. **Granularity** [LTB01]. **Graph** [Agu02, BGK⁺98, CS13, DWS15, GHJ⁺08, LGHB07, SKN10, ZMD15, Aln94, AR96, BKT92, CL95, GS95, IR95, PB96, Pel93, RB93, Sch93, Sri96, SS92].

Graph-Optimization [ZMD15]. **Graphics** [AIL16, EW10]. **Graphs** [Ada09, AH98, CJN99, CL13, CQS16, DMNP11, EMPF04, HHH⁺99, KRS15, LP98, MV04, NTHK17, NP04, PND02, PPF12, Bar93, CLM93, CQS09, GP96, HP92, Hsu93, Kop96, LH95, PS93, RP93, Wol95, YDL94]. **Gravity** [GT00a]. **Gray** [Sto96, TM93]. **Greedy** [ST97]. **Grid** [BCMC⁺04, CFG04, GLMM⁺04, GK13, GM04, KW06, LLD⁺03, MHC⁺04, Pan97, SPA04, TTV00, H92, CFR09, CSFK08, Don07, FC05, HK03, HUZ06, Kru98, MJGR09, NKCS03, Pan03, TT05, Wol99, ZS08, ZTP⁺08, BKT92]. **Grid-Enabled** [SPA04]. **Grid-Enabling** [GM04]. **Grids** [ABG02, AVD01, BF02, CCCV04, DT01, Gam07, RS98b, WBUW14, BFG⁺08, EM98, HMA99, NDFM07, ZYPGD08]. **Group** [CDP⁺07, Vid06]. **Groups** [GT00b]. **Guarantees** [YWJ03]. **Guest** [Ano06f, Ano07f, Ano07g, Ano08h, Ano08f, Ano08g, Ano09f, FAMP12, JKRW08, JKRW09, TA09a, Ada15, Ano06g, DMVT14, DT11, DT13, DT15, GK17, GK14, HGH12, Qiu10, Sta12, WKRJ10, WKR11, WKR13, WKR14]. **Guided** [TFTY05].

H [LTB01]. **H2O** [KWDS03]. **Hadoop** [GS15]. **Half** [JS18, KRS93]. **half-duplex** [KRS93]. **Halos** [Bra00]. **Hamilton** [BDDP98, SŠZ04]. **Hamiltonian** [PND02, RB93, Wu00]. **Hamiltonicity** [HLH⁺17]. **Hand** [San03]. **Handling** [Cam08]. **Hard** [Kre97, Mak09, Sar92]. **Hardness** [BGK⁺06, Fla97]. **Hardware** [DTST15, Mar98, SW08, ROJ94]. **Harness** [MS01a, GIK⁺99]. **Harnessing** [IKMH09]. **Hash** [PFM⁺09]. **Hash-Based** [PFM⁺09]. **Haskell** [HBL03]. **Heap** [Wu00]. **heaps** [CC92, SSSM93]. **Helmholtz** [Sta95]. **Help** [Pan03]. **Here** [AKPSR16]. **Hereditary**

[HHH⁺99]. **Heterogeneous** [ADKT12, BLMR03, BRT09, BDR⁺99, CLR11, FZL⁺16, GGV12, GIK⁺99, GDDM17, HGH12, IDS⁺05, LMZ99, LN05, RBS15, VDL⁺15, DAB⁺11]. **Heuristic** [GS15, AS94]. **Heuristics** [FV99, SYL95]. **Hexagonal** [GVCS14]. **Hiding** [AD02]. **Hierarchical** [BGK00, CLZC11, GEBR⁺03, HA10, HGH12, Mic98, Wol95]. **Hierarchy** [Ada09, FDZ99, NA10d, RRS12]. **High** [AFN11, EW10, EW11, GEL03, GBS⁺07, GS03, GDTF17, GK14, HM01, HL03, HGH12, Hin03, LCS⁺14, LY07, MG11, PAG08, PA99, PADB03, SHBG14, TSS⁺06, UVJ11, GC95, GV96, Sch97]. **High-Level** [GS03, GDTF17, HM01, HL03, HGH12, Hin03, SHBG14]. **High-Performance** [GK14, LCS⁺14]. **High-Productivity** [LY07]. **Higher** [HL00]. **Higher-Order** [HL00]. **Highly** [CLR11, RV98, Vid06]. **HirondML** [CRV08]. **HMC** [LC14]. **HMC-SIM** [LC14]. **Holes** [MCI⁺01]. **Homomorphic** [HT99]. **homomorphisms** [Col95, GDH96]. **Honeycomb** [BBBL04, CMS99, MLY99, YMZL04a, YMZL04b]. **Hop** [EFZ98]. **Hosted** [DJMN13]. **Hot** [ST97]. **Hot-Potato** [ST97]. **Hough** [Pan94]. **HPC** [CLT13, CLZC11, CLR11, FOCK15]. **HPCS** [LY07]. **HPF** [Bra00, Guo01]. **HPF-Like** [Guo01]. **Huffman** [KLN04, LP94]. **Hut** [BGLM05]. **Hybrid** [GKS08, KHAM04, LC14, SFHW11]. **Hybrid-Parallel** [SFHW11]. **Hyper** [CQS16]. **Hyper-Buttery** [CQS16]. **Hypercomputation** [GB12, Sta12, Syr13b]. **Hypercube** [IÖ98, KKS00, RV98, WD03, Ber92, RT92, RSS95, Wu95a, Man91]. **Hypercubes** [AH98, BBBL04, FPP98, KSAOK05, KMY97, RS98b, SV00, Ste12, YL10, CF93, DGVG96, GP96, HK95b, KN92, Lat91, LS91, PPRZ93, Tel95, UN92, Zia95]. **hypercubic** [KP96]. **Hypergraphs** [BEGK00, KBGE07]. **Hypermedia** [MRS04]. **Hypermeshes** [KKC98].

I-P [XU99]. **I/O** [Agu02, BKT95, Geo01, GKS08, LFC⁺10]. **ICGS** [Yan05]. **Identification** [NTV12]. **Idle** [IKMH09]. **II** [Ano04d, Cos03, Cos04]. **ILP** [Sol09a, TE04]. **Image** [Chu96, DEKS04, MTD98, VLR⁺03]. **Images** [MTD98, SPA04]. **Impact** [AP05, BL08, DPM⁺10, SKL10]. **imperfectly** [Xue96]. **Implement** [MMRT06]. **Implementation** [Ada07, AKP99, CF03, Gav08, GB98, GBS⁺07, HKS01, KH02, LSF14, MMAL06, OTK15, SAJ10, YKLD14, AR95, GV96]. **Implementations** [CH03, HL02, Nit05, SCJ⁺10]. **Implementing** [CG98a, GHSJ94, MG11, PK08, BA95]. **implications** [DRS96]. **Importance** [Akl10, ZS08]. **Importance-Aware** [ZS08]. **Impossibility** [RS98a]. **Improve** [BNW07, GS15, Sol09a]. **Improved** [Gon09, JS06, JSYD07, LPP01, MV04, QM98, SCJ⁺10, Yan05, YDL91]. **Improvement** [CP98c, BK92]. **Improving** [CRY⁺03, IDS⁺05, MGBG07]. **Incomplete** [GCP99]. **Incompleteness** [AMN12]. **Incorporating** [NTG99]. **increase** [Dua94]. **Increasing** [ACK99, HW06]. **Incremental** [BEGK00, JJ96, Wu95b]. **incrementally** [Sri96]. **Independent** [BEGK00, CGW05, FS99, KBGE07, LF97]. **Independent-set** [CGW05]. **Index** [Ano98a, Ano99a, Ano00a, Ano01a, Ano02a, Ano03a, Ano04a, Ano05a, Ano06a, Ano07a, Ano08a, Ano09a, Ano10a, Ano11a, Ano12, Ano13, Ano14, Ano15, Ano16, Ano17]. **indexing** [BFCD94]. **Induced** [RB13]. **Inducing** [Jon15]. **Inductive** [CCQ13]. **InfiniBand** [KLJ08]. **Influence** [KKFZ14]. **Information** [BKK94, GGH⁺04, NA07a, ZS08, FDFR93].

Infrastructure

[BS01, LO09, NDFM07, OL11, TDS99].

Inherently [Akl06a, Akl06b, CT94].**initialization** [HS93]. **Input**[GHF10, BF94]. **inputs** [BM95].**Insensitive** [BE03]. **Inspired** [ZMD15].**Installation** [KHW05]. **Instruction** [Jes06].**Instruction-Level** [Jes06]. **Instructions**[Ano98g]. **Instrumentation** [MCI⁺01].**Integer** [BGPT00, CD99, EW10, EW11,Pag13, BM95, GAL96b]. **Integrated**[MIJ16]. **Integrating** [RR08]. **Integration**[HUZ06]. **Intel**

[MIJ16, OTK15, Sol09b, ZHW09].

Intelligence [VMA11]. **Intelligent**[OLC⁺00, OKH⁺02]. **Intensive**[IDS⁺05, Qia95]. **Interconnect** [AD02].**Interconnection** [CS13, GP03, JS18, Lav02,

Qiu07, RvGG01, RV98, San03, AD92b,

FK96, Fia93, GS94b, Wu96]. **Interconnects**[BK08]. **Interface** [DBK⁺09b].**Intermediate** [BF02, GGL12].**International** [DMVT14]. **Internet**[AGLS12, CSK00]. **Internet-Based**[AGLS12]. **Interpolants** [KW06]. **interval**[AER93, Fla97, PB96]. **intractability**[AER94]. **Introduction** [Ano08h, GSS08].**Intuitive** [Tor09]. **Inversion** [Rag98, DT96].**Invocation** [TT05]. **Invocations** [RR08].**Irregular** [Agr99, Bra00, CA99, RBS15,Trä09, WS03, CSBS95]. **Island** [MGBG07].**Iso** [GGS⁺15]. **Iso-Quality** [GGS⁺15].**Isolating** [BCS05]. **Isomigration**[ABNP00]. **Issue** [Akl11b, Akl14a, Ano06e,

DMVT14, DT13, DT15, FAMP12, GK14,

HL03, Sta12, WKR14]. **Issues**[BDR⁺99, CDP⁺07, KHAM04, Pan03]. **item**[SV93]. **Iteration** [FNP17, FV16].**Iterations** [YS05a]. **Iterative**

[CA99, CLR11, KM09].

Jacobi [BOV15, KSHL14, OV06, Sol09a].**Janus** [Ger02]. **Java**[AGMM00, CSK00, Gam03, GPS03]. **Jini**[BS01]. **Job** [Aba04]. **jobs** [MSP95]. **Join**[BE03, BF94]. **joins** [TL91]. **Jordan** [RV96].**Josephus** [LH02]. **JPVM** [LGCH99].**K-selection** [Ber92]. **Karp** [DV95]. **Kautz**[DA93]. **kernel** [Gla93, HK03]. **Kernels**[KSHL14]. **Kerrighed** [VLR⁺03]. **Key**[NA07c, NA10b, NNA10]. **knapsack**[AQRW95]. **Kolmogorov** [Ada07]. **Krylov**

[GCP99].

L [ABB⁺03]. **L2** [AFN11]. **L2-Cache**[AFN11]. **Label** [AAH14]. **LAM** [R&T06].**LAM/MPI** [R&T06]. **Language**

[BGJ10, Deb97, DGRD03, GL05, GKS08,

Guo01, HL00, HHOM02, LY07, Sch05].

Languages [LY07, ROJ94]. **LAPACK**[MCR⁺17]. **Large** [BCQO99, BK09, CLT13,

CC17, EADN06, GJQ09, HSL09, JKRW08,

JKRW09, KHW05, LF14, LO09, Man91,

NA05, OL11, WKRJ10, WKR11, WKR13,

WKR14, WJ16, WGM⁺10, YKLD14, Yan05,ZS08, BHQ92, CFG94, HP92]. **Large-Scale**

[CLT13, GJQ09, HSL09, JKRW08, KHW05,

LO09, OL11, WKRJ10, WKR11, WKR13,

WKR14, WGM⁺10, ZS08]. **largest**[OSW93]. **last** [Tro93]. **Latency**[AD02, AFN11, Jes93, SW08]. **Latent**[KY06]. **Lattice**[PKW⁺03, ZHW09, DM96, OTK15].**lattice-based** [DM96]. **Lattices** [KLW10].**Layer** [GHS97]. **Layered** [MDAT17].**Layout** [EFZ98]. **Layouts** [DLP03, BKT95].**Lazy** [HHL⁺07]. **Leader**[DDLV17, MR01, AJ96]. **Leader-Based**[MR01]. **Leadership** [MMRT06]. **Leaping**[HUZ06]. **Learning**[BCBB09, HL98b, KKFZ14]. **least** [LP94].**Legacy** [Gam07]. **Legality** [BF05]. **Lemma**[JS18]. **Length** [KLN04, KN06, Kop96].**Length-Limited** [KLN04].**Length-Restricted** [KN06]. **Level**

[EADN06, GS03, GDTF17, GGL12, HM01,

HL03, HGH12, Hin03, Jes06, PAG08,

SHBG14, TSS⁺06, UVJ11, Gla93]. **Leveraging** [WHTW10]. **Libraries** [CG01, Kru08, Mer15, TDS99]. **Library** [BGL03, Bra00, KH02, SHBG14, TSS⁺06]. **Lifting** [Nit02]. **Lightweight** [YKLD14]. **Like** [Guo01, LV96]. **Limitations** [BW16]. **Limited** [CE98, KLN04]. **Line** [CGS15, MBT15, Kri91]. **Linear** [BRT09, BW16, DKR91, ER99, GGHJ04, RRM15, Sol09b, Tel95, TX98, Yan05, BE96, Gal96a, GMR92, HT94, MMMS94, Myo92, Oks95, Sto96, SJL94, TM93]. **Linearizability** [CBC03]. **Linearizable** [FNP17, MNR96]. **Linearly** [MCCW15]. **Link** [MS99]. **Linked** [WJ12, DH94]. **Links** [GLMM06]. **Linux** [R&T06]. **List** [HHL⁺07, Sib02, WJ12, Alb92, Col95, DH94, KY96]. **List-Based** [HHL⁺07]. **Listing** [VP98]. **literal** [KCH92]. **Little** [VDL⁺15]. **LLC** [DGRD03]. **Load** [CLR11, CLZ92, DLP03, EFZ98, EMPF04, GC06, GT00b, KMAG01, MRRV07, ST14, VH00, XL94]. **Load-Balanced** [ST14]. **Load-Balancing** [MRRV07, VH00]. **Loads** [Rob11]. **Local** [CC17, LMT10, MM16, NTV12]. **Locality** [LTB01, VH00]. **Locality-Preserving** [VH00]. **Locating** [Nag09, PPF12]. **Location** [DFRC01, SMK98]. **Lock** [APSF01]. **Logarithm** [CLL16]. **logarithmic** [OSW93]. **Logic** [FGK15, MMT17, CDZ96, KCH92]. **Logical** [APSF01]. **logP** [SV93]. **logspace** [Sar92]. **Longest** [ACK99]. **look** [BOSW94]. **Loop** [AL05, AGMM00, DSV97, HLJ97, RDK00, TFTY05, Xue97, AS94, GS94a, HT94, ROJ94]. **loop-based** [ROJ94]. **Loops** [LSW97, BFCD94, BL92, CRF95, DV97, PPRZ93, Xue96, van94, GL94]. **loosely** [CF91]. **Losses** [KE00]. **Low** [BAS96b, GGL12, HTHH05, LBD⁺14, LSF14, PT07, BKT92, DDT95, DGJS95]. **low-cost** [DGJS95]. **Low-Density** [PT07]. **Low-Level** [GGL12]. **lower** [CL93, Gal96a, Kop96, Mac93, RLG91]. **LU** [DDT95, GCP99, PBKP92]. **Lyapunov** [BCQO99, CHQ96]. **LZ** [De 04].

M [Ram94]. **Mach** [LBD⁺14]. **Machine** [Ada07, GIK⁺99, OII12, Ram94]. **Machines** [BK09, BNW07, Pag13, Gri92, NvG95, SMS95, TB94]. **Macro** [ADKT12, DDT17]. **Maekawa** [BK92]. **Maintaining** [ADG91]. **Maintenance** [DGB10, FL96]. **make** [BK92]. **Makespan** [AB16]. **Malicious** [AGLS12]. **Malleable** [VD03]. **Management** [CFR09, HMA99, Jes08, NDFM07, SMK98, SYR13a, JD92]. **Managing** [DJMN13]. **Manipulating** [QRR97]. **manipulation** [Sah95]. **manuscripts** [Ano98g]. **Many** [AFN11, Jes08, KBGE07, MCCW15, UVJ11, MIJ16]. **Many-Core** [AFN11, Jes08, UVJ11]. **Map** [TH13]. **Map-Reduce** [TH13]. **Mapping** [AB08, BLY⁺08, BRT09, BK08, CLZC11, EB98, UN92, GL94, GS95, HL96].

Mappings [BMRGR13, LF97, DDR96, KP94]. **MapReduce** [THAJ15]. **mark** [KCH92]. **Marrella** [AR96]. **Massively** [BCL97, FUV99, LFC⁺10, SBR⁺17, CLZ92]. **Master** [AGLS12, MRRV07, SB12]. **Master-Slave** [MRRV07, SB12]. **Master-Worker** [AGLS12]. **matched** [VLL⁺91]. **Matching** [BGK⁺98, CP12, CL13, CLM⁺16, Hsu93, HT99, MS01b, Raj02, XUZ02, Chu96, Hag95, YDL91]. **Materialized** [JL05]. **Mathematical** [Sza12, Vio94]. **Matrices** [Jai99, DT96, RV96]. **Matrix** [ACCLS14, Box09, FV16, Fuj08, GZW16, HT98, LSF14, SFHW11, SAJ10, WJ16, Lin92, MP93]. **Matrix-Vector** [Fuj08, GZW16, SFHW11]. **max** [CC92, BCD95]. **Maximal** [BBF05, BEGK00, CLM⁺16, FS99, GGHJ04, KBGE07, MB98, NTHK17, YDL91]. **Maximum** [HC02, Hag92, PD95]. **MCMC** [ZN13]. **MD** [HTHH05]. **Measured** [HRH18]. **Mechanism** [CFM⁺99, GC06].

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[JSYD07, Jon15, Pel06, VH00]. **Median** [Nag09]. **Mediator** [JL05]. **Medical** [MTD98, SPA04]. **MEDINA** [SBR⁺17]. **Medium** [TW01, VDL⁺15]. **Meertens** [CS95]. **memories** [VLL⁺91]. **Memory** [AL05, ABO06, BF97, BCS05, Cho98, CA99, DDLV17, FDZ99, GRS07, GPS03, GHF10, GKS08, GS97, HKS01, HK16, IT02, KE00, LPP01, LC14, LM00, OLC⁺00, OKH⁺02, Pag13, RRS12, SKL10, SWK⁺13, VH00, VH01, VP96, WR97, Yai08, CHQ96, DJM91, DGJS95, FFSY93, GHSJ94, HS93, JD92, MNR96, NvG95, PPRZ93, Sah95]. **Merge** [ST14]. **Mesh** [AG98, BK08, DDS17, EWM04, HT98, KCPP00, MB98, Ran05, San03, ST97, Tan09, Chl92, CR95, Fra93b, FY93, HS96, HP92, KY96, Kri91, KN95, Mac95, MB95, SC96, XL94, JS06, LJ10]. **mesh-bus** [FY93, HS96]. **mesh-connected** [Chl92, Kri91]. **Meshe** [ZJ09]. **Meshes** [CQS11, FV99, PS98, YMZL04a, Bar93, BA95, BAS96a, BOSZ92, BOSW94, CM95, CL93, CH94, Chu96, KSS95, KRS93, KW92, LOSZ93, Nak95b, Sue95, WV95]. **Message** [AP05, CA99, Her05, PA99, TW01, Yai08, BNKS93, BAS96b, BH93, PBKP92]. **Message-Buffer** [AP05]. **Message-Passing** [Her05, BNKS93, BH93]. **Messy** [HL98a]. **Metacomputing** [Gam03, GL05, LFJ99, MS01a]. **Metadata** [KBFB01, ZYPGD08]. **Metaheuristics** [AIL16]. **Method** [AH00a, AH00b, CBV⁺05, CSK00, LG97, Pur06, TFTY05, Tan09, Yan05, DRS96, Sta95, XL94, OTK15]. **Methodologies** [GJQ09]. **methodology** [PRS95]. **Methods** [FAMP12, GCP99, KB05]. **Metric** [Fox13]. **Metrics** [DPM⁺10, DGT98]. **MIC** [MLJ16]. **microprocessors** [DGJS95]. **Microscopy** [BCMC⁺04]. **Microthreading** [Jes06]. **Middleware** [JSYD07, SS13]. **Migratable** [VD03]. **Migrating** [GM03]. **Migration** [CCR11, RB13]. **Migration-Induced** [RB13]. **Migrations** [CRV08]. **Miller** [DV95]. **Millions** [BBG⁺11]. **MIMD** [DDTV92, MMMS94]. **min** [CC92, BCD95]. **min-max** [CC92]. **Minimal** [DWS15, DVWZ99, HRH18, BH96, Oks95, SC96]. **Minimizing** [HL99, Hua06]. **Minimum** [DF99, DW07a, LP98, BM95, FL96, Zar97]. **Mining** [TH13, THAJ15]. **Minla** [Pet03]. **Misses** [RB13]. **Mixed** [BLMR03]. **ML** [Gav08]. **Mobile** [PMW⁺12, SMK98]. **Mobility** [CLH13, DTL05]. **Mock** [Sui17]. **mode** [Alb91]. **Model** [Agu02, Ald03, BVHR13, BNW07, CGW05, Deb97, DTST15, GZW16, GS99, GKS08, Guo01, GMCC05, Jes06, Jon15, KSAOK05, KSOK07, KSHL14, MGBG07, MIJ16, MDAT17, Ran05, RvW98, WR97, AD92a, DH94, GAL96b, GDC94, Mac93, SV93, WY92, Sch09]. **Model-Based** [Deb97, BNW07]. **Modeling** [BKW98, CP98a, DBK09a, KHW05, KB11, KE00, LDC08, ZSLC18]. **Modelling** [DJM91, HK16, NA05]. **Models** [BSM⁺16, BA01, JW07, KHAM04, TBV98, XLP12, Fra93a, GS94b, Mac95]. **Modified** [GS15]. **Modular** [EW13, Gav08, LF97, DDR96]. **modulo** [BFCD94]. **Monitoring** [DBK⁺09b, GGV12, GKK14, RGM06, AD92a]. **monoid** [CC93]. **Monte** [HUZ06, MHC⁺04]. **Morphogenesis** [Mac12]. **morphological** [DJM91]. **Most** [VSS00]. **Moves** [MG09]. **MPI** [BBG⁺11, BIC05, CGS15, DBK⁺09b, FC05, GB98, GBS⁺07, LNLE00, Ran05, RšT06]. **MPI-FT** [LNLE00]. **MPICH** [RšT06]. **MR** [TH13]. **MR-ARM** [TH13]. **Multi** [AAH14, DDS17, DZ13, GZW16, LSW97, Len92, MGBG07, MKA98, OII12, RvGG01, SKL10, Sol09a, Sol09b, SHBG14, BH93, CL93, DGJS95, DAB⁺11, MSP95, TL91, ZN13]. **multi-chain** [ZN13]. **Multi-Core** [DZ13, SKL10, Sol09a, Sol09b, DAB⁺11]. **Multi-Dimensional** [LSW97, CL93].

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[Ano05d, DT01, DT03, HM01, HL03]. **Prefix** [CDPT10, DDS17, JS06, Nak95b, WJ12, WS03, SBP94]. **Prefix-sums** [Nak95b]. **PRES** [BSM⁺16]. **Presence** [AGLS12, DR00, GPP09, RS98a]. **Preserving** [VH00, Mac93]. **Preventive** [CCR11]. **Price** [GLMM06, OII12]. **primitives** [AR95]. **Prior** [NA10c]. **priority** [CH96]. **Probabilistic** [EADN06]. **Problem** [BGK00, BBF05, CCQ13, CCCV04, CLL16, CGW05, EFZ98, FS99, HKS01, KU09, LMS98, NA10d, Pet03, SSSM93, Sch09, TFTY05, VSS00, YMZL04a, YMZL04b, AQRW95, BA95, DR94, GI94, Gal96a, JR96, LP94, OSW93, Per94, RP93, RR91, SF91, TH94, Wan96, Zar97]. **Problems** [ACK99, AB16, CA99, GK03, Kme14, Kre97, MS99, MKA98, PP01, SX02, ZMD15, BM95, BOSZ92, Man91, Myo92]. **Process** [AB08, DPM⁺10, IN99, RDK00, Sin96]. **Processes** [GM03, KKFZ14, Vir93]. **Processing** [AIL16, ATM01, BCL12, BKW98, EW10, GSS08, JKRW08, JKRW09, LGHB07, Mak09, MKA98, MTD98, NA07a, WKRJ10, WKR11, WKR13, WKR14, AD92a, TL91]. **Processor** [BDH⁺08, Geo01, GT00b, HW06, LTZ98, SW08, SS05, SAJ10, XUZ02, CC93, Fra93b, GW94, Kri91, LJ95, OSZ91, PPRZ93, PS93, RR91, SC96, YDL94]. **processor-time-minimal** [SC96]. **Processors** [BGPT00, HQP98, SKL10, Sol09b, TE04, WHTW10, DTLA93, GS94a, GMR92, Sto96, RSS95]. **Product** [EMPF04, Rob11, BA95, Wan96]. **production** [BA95]. **Productive** [GDTF17]. **Productivity** [LY07]. **Profiling** [LCS⁺14, MS05, PKW⁺03]. **Program** [ABG02, BF05, HC02, KS96, Mas99, LH95, Wol95]. **Programming** [BGK03, BCL12, CG98b, DLPW08, DT00, FG02, Ger02, GS03, HM01, HL03, HGH12, KH02, KB05, Kru08, KC02, LCK02, MS01a, PAG08, SHBG14, Tor09, TX98, ZTS⁺16, Col95, DAB⁺11, GAL96b, Myo92, RB95, Vio94]. **Programs** [ABNP00, BGLM05, CS03, CG97, EB98, ESSP01, GV03, Gav03, GS97, HPP06, Her05, KE00, LTB01, Lou01, CU96, CDZ96, Dor92, HT94, KCH92, LV96]. **Project** [LY07]. **Proof** [CM96, CP98b, GP03, O'D94]. **Proofs** [Gav03, LV96]. **Propagation** [CDM⁺03, HL98b]. **Proportionality** [VDL⁺15]. **proposal** [DAB⁺11, ZN13]. **Protein** [CFG04]. **PROTEUS** [CCCV04]. **Protocal** [CP98a]. **Protocol** [BM97, CP98a, CP98b, Chi03, KY06, TT05, MNR96]. **Protocols** [BF97, CDM⁺03, GHJ⁺08, NA10b, UKY09]. **Prototype** [GM04]. **Prototyping** [TKE⁺08]. **Provably** [CJN99]. **Proving** [CU96]. **Proximity** [Ada09]. **Proxy** [TLH11]. **Pruning** [ZYPGD08]. **published** [Nak95a]. **Publishers** [LLD⁺03]. **Pure** [ST97, TT05]. **Purpose** [SAJ10]. **PVM** [LHCT96]. **pyramids** [Fio93]. **Python** [Hin03]. **QAP** [AIL16]. **QoS** [WD03]. **QR** [YKLD14, ZSLC18]. **QRQW** [AJ96]. **Quad** [BDH⁺08]. **Quad-Core** [BDH⁺08]. **Quadtree** [BKT95, SJL94]. **Quality** [GGS⁺15]. **Quantifying** [BK09]. **Quantitative** [KE00]. **Quantum** [Akl10, CBV⁺05, NA07c, NA07a, NA10b, NNA10, NA10d, Qiu10, NA10a]. **quaternary** [DS97]. **Quasi** [HUZ06]. **Queries** [FKB⁺99, JL05]. **Query** [BKW98]. **Queue** [GGV12]. **Queueing** [BNW07]. **Queues** [FNP17, CH96]. **Queueing** [SB15]. **R** [Ram94]. **Radiative** [MLJ16]. **Radio** [BGK⁺06, BHQ92]. **radios** [RS96]. **Radix** [MG11]. **Random** [DPS00, KOKM14, Mal97, MT16, ST97, TB94, DMP94, Pel95, YDL94]. **Randomized** [FS99, KY06, LSF14,

MMT12, MM16, DH94, JR96]. **Rank** [LSF14]. **Ranking** [BA91, GGS⁺15, Sib02, ZYPGD08, DH94, dGP92]. **Rapid** [TKE⁺08]. **rate** [Len92, VP96]. **Ratio** [Hua06, Tur10]. **Ratios** [BBL04, BGPT00]. **RCN** [GM92]. **reachable** [CFG94]. **Reaching** [VDL⁺15]. **Reaction** [MBT15]. **Reactions** [Cos15b]. **Read** [BKK94]. **ready** [Ano98g]. **Real** [AB99, Akl03, BA01, GGS⁺15, Mak09, Nag09, PPF12, AD92a, CM96, CF91, SYL95]. **Real-Time** [AB99, Akl03, BA01, GGS⁺15, Mak09, AD92a, CM96, SYL95]. **Reality** [Syr13b]. **realization** [Kop96]. **Realized** [FGK15]. **recognition** [NRP⁺94, Wan93]. **Recognizing** [NP04]. **Reconfigurable** [AD02, AD92b, EWM04, MB98, PL11, PAKM08, QM98, RS97, RSS95, TBV98, Aln94, BA91, BA95, BAS96a, Chu96, Fra93b, GC95, GS95, KSS95, LOSZ94, Mac95, MB95, Nak95a, Nak95b, OSZ91, PS93, Ram94, TM93]. **Reconfiguration** [CM95, RT92]. **reconstruction** [OW92, XWF93]. **Recovery** [KSAOK05]. **rectangle** [OSW93]. **Rectilinear** [MS99, SC96]. **recurrence** [Len92, Mon94, Xue91]. **recurrences** [BFCD94, CS95]. **Recurrent** [Sch09]. **recursions** [HL96]. **Recursive** [AH00a, AH00b, FG02, LG97, FK96]. **recursively** [NR95]. **Redistribution** [MRRV07]. **redistributions** [GHSJ94]. **Reduce** [GS97, TH13]. **Reducing** [BVHR13, RB13]. **Reduction** [LSW97, SW08, Jes93, SMS95]. **Reductions** [HPP06, HL99, Sar92]. **Redundancy** [SMH03, Dua94, PS93]. **redundant** [DS97]. **Refined** [KCH92]. **Refinement** [KLH⁺14, Mas99, Ran05, RRS12]. **reflected** [Sto96, TM93]. **Reflection** [NTG99]. **Register** [TE04, AQRW95]. **register-based** [AQRW95]. **Registration** [SPA04]. **Regular** [Ano04d, Cos03, Cos04, DT00, MG09, Trä09]. **Regulated** [GLMM⁺04]. **Regulatory** [GLMM⁺04]. **Related** [ACK99, CQS16, PL11, BM95, Man91]. **Relation** [GVCS14]. **Relational** [BKW98, FKB⁺99]. **relations** [BF94]. **Relationships** [Trä09]. **Relativistic** [ANS12]. **Relativity** [AMN12]. **Relaxed** [DVWZ99, MV08a, RV09]. **Relaxed-Ring** [MV08a]. **Reliability** [AB16, LG97, XLP12]. **Reliable** [AGLS12, BS01, DMP94, IR16]. **Remote** [GS97, RR08]. **repairing** [FP93]. **Repetitions** [DMS99]. **Replication** [AKP99, IT02, MP93]. **Replication-Based** [AKP99]. **reporting** [LM97]. **Repository** [FKB⁺99]. **Representation** [GGL12, QRR97, Wan93]. **Representations** [Pan03]. **Reprogrammability** [ZKmST18]. **request** [VP96]. **Requests** [BBF05]. **Rescheduling** [DPM⁺10]. **Reservation** [LO09, OL11]. **Resilience** [IR16]. **Resolution** [HKS01]. **Resource** [CFR09, CDP⁺07, dSJR⁺15]. **Resources** [CFR09, Jes08, Vas03]. **Respect** [VSS00]. **Response** [GS15]. **Restart** [SWK⁺13]. **Restricted** [DM12, GLMM06, KN06, KM09, Pag13]. **restructure** [Xue96]. **Results** [BIC05, TBV98, ZHW09, RR91]. **Retiming** [DSV97]. **Reuse** [WR97]. **reverse** [Wue09]. **Reversible** [TA09b]. **Revisiting** [DV95]. **rewrite** [Ram94]. **Right** [San03]. **Rigid** [SPA04]. **Ring** [KMY97, MLY99, MV08a, Mic98, RSS95, UKY09, DTLA93, KP96, RS96]. **Rings** [PSSV02]. **Ripple** [TA09b]. **Ripple-Carry** [TA09b]. **Risk** [CDP⁺07]. **road** [AD92a]. **Robots** [DP09]. **Robust** [DW07a, DW07b, Fox13]. **Rooted** [PV99, PV00]. **ROSE** [Qui00]. **rotator** [Sri96]. **Routable** [Far98]. **Router** [KCPP00]. **routers** [Jes93]. **routes** [GS94b]. **Routines** [CLR11]. **Routing** [BCBB09, BCL97, GPP09, GHS97, GK03, HLJ97, KSS95, KLJ08, KSAOK05, KSOK07, LJ10, Pan97, RS97, RV98, SV00, ST97,

SŠZ04, Ste12, WS03, WD03, ABIM93, ARS93, CL93, Dua93, Fla97, GP96, Kri91, Man91, Sue95, YTL92]. **routing**s [HK95b]. **row** [Sue95]. **Rule** [TH13]. **Rules** [AAH14, Wue09]. **Run** [Mar98]. **Run-Time** [Mar98]. **Running** [SB12]. **Runtime** [ABNP00, CH03, DPM⁺10, JSYD07, PAKM08, YKLD14, ZSLC18, CSBS95].

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